

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060823\
 Data File : VN078131.D
 Acq On : 08 Jun 2023 16:52
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 09 01:28:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/09/2023
 Supervised By : Mahesh Dadoda 06/09/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.229	168	459960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	826556	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	739239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	307492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	318955	52.009	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.020%			
35) Dibromofluoromethane	8.171	113	270684	51.794	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.580%			
50) Toluene-d8	10.570	98	1054242	52.326	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.660%			
62) 4-Bromofluorobenzene	12.853	95	344756	55.043	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.080%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	243474	46.828	ug/l	95
3) Chloromethane	2.371	50	268657	55.111	ug/l	97
4) Vinyl Chloride	2.524	62	345252	50.710	ug/l	99
5) Bromomethane	2.953	94	246835	47.973	ug/l	97
6) Chloroethane	3.124	64	239087	51.514	ug/l	99
7) Trichlorofluoromethane	3.500	101	476218	51.580	ug/l	97
8) Diethyl Ether	3.965	74	163592	50.428	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.383	101	263505	54.080	ug/l	97
10) Methyl Iodide	4.600	142	367256	53.297	ug/l	100
11) Tert butyl alcohol	5.530	59	186839	220.642	ug/l	99
12) 1,1-Dichloroethene	4.347	96	257774	51.321	ug/l	89
13) Acrolein	4.189	56	231739	248.306	ug/l	96
14) Allyl chloride	5.030	41	336311	54.852	ug/l	92
15) Acrylonitrile	5.724	53	589104	269.839	ug/l	98
16) Acetone	4.436	43	459899	260.535	ug/l	97
17) Carbon Disulfide	4.718	76	666385	51.545	ug/l	99
18) Methyl Acetate	5.030	43	418354	51.477	ug/l	89
19) Methyl tert-butyl Ether	5.806	73	869536	54.259	ug/l	98
20) Methylene Chloride	5.283	84	298530	51.178	ug/l	93
21) trans-1,2-Dichloroethene	5.794	96	285026	52.613	ug/l	86
22) Diisopropyl ether	6.683	45	828076	57.416	ug/l	94
23) Vinyl Acetate	6.612	43	2449089	285.668	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	522496	54.918	ug/l	95
25) 2-Butanone	7.488	43	738133	271.921	ug/l	88
26) 2,2-Dichloropropane	7.500	77	446413	63.547	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	331897	51.362	ug/l	90
28) Bromochloromethane	7.818	49	244939	56.072	ug/l	92
29) Tetrahydrofuran	7.841	42	482139	265.690	ug/l	86
30) Chloroform	7.971	83	569028	55.543	ug/l	96
31) Cyclohexane	8.265	56	411732	52.338	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	504344	56.074	ug/l	95
36) 1,1-Dichloropropene	8.377	75	422753	56.394	ug/l	97
37) Ethyl Acetate	7.565	43	321370	54.877	ug/l #	93
38) Carbon Tetrachloride	8.365	117	451648	57.059	ug/l	98
39) Methylcyclohexane	9.606	83	419008	53.935	ug/l	92
40) Benzene	8.612	78	1242766	55.531	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	176029	55.456	ug/l	92
42) 1,2-Dichloroethane	8.677	62	436258	56.853	ug/l	97
43) Isopropyl Acetate	8.694	43	575628	51.397	ug/l	94
44) Trichloroethene	9.359	130	319578	54.072	ug/l	99
45) 1,2-Dichloropropane	9.623	63	317735	57.063	ug/l	93
46) Dibromomethane	9.712	93	224180	54.661	ug/l	96
47) Bromodichloromethane	9.894	83	447208	58.702	ug/l	99
48) Methyl methacrylate	9.688	41	266680	56.740	ug/l	89
49) 1,4-Dioxane	9.700	88	94777	959.439	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	1638102	277.757	ug/l	93
52) Toluene	10.635	92	793770	56.176	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	474993	59.868	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	513582	58.558	ug/l	95
55) 1,1,2-Trichloroethane	11.023	97	307916	57.606	ug/l	96
56) Ethyl methacrylate	10.876	69	451017	57.948	ug/l	93
57) 1,3-Dichloropropane	11.165	76	520736	57.715	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	979368	311.491	ug/l	94
59) 2-Hexanone	11.200	43	1143495	278.463	ug/l	93
60) Dibromochloromethane	11.365	129	335022	57.278	ug/l	99
61) 1,2-Dibromoethane	11.470	107	311732	55.573	ug/l	100
64) Tetrachloroethene	11.112	164	255388	51.785	ug/l	97
65) Chlorobenzene	11.894	112	845913	53.433	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	316717	54.393	ug/l	99
67) Ethyl Benzene	11.970	91	1525847	55.858	ug/l	99
68) m/p-Xylenes	12.076	106	1163141	111.729	ug/l	98
69) o-Xylene	12.406	106	574901	56.235	ug/l	99
70) Styrene	12.417	104	930641	57.824	ug/l	98
71) Bromoform	12.582	173	212535	56.561	ug/l #	99
73) Isopropylbenzene	12.700	105	1426255	49.050	ug/l	99
74) N-amyl acetate	12.500	43	463661	48.423	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	426415	53.490	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	338315m	46.541	ug/l	
77) Bromobenzene	12.982	156	326677	48.397	ug/l	99
78) n-propylbenzene	13.041	91	1624838	51.432	ug/l	100
79) 2-Chlorotoluene	13.129	91	982916	48.200	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	1157964	49.188	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	127994	54.096	ug/l	95
82) 4-Chlorotoluene	13.229	91	961124	50.500	ug/l	98
83) tert-Butylbenzene	13.441	119	978690	47.825	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	1156145	50.655	ug/l	98
85) sec-Butylbenzene	13.623	105	1305007	48.723	ug/l	100
86) p-Isopropyltoluene	13.735	119	1064499	48.975	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	571778	50.078	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	550075	49.928	ug/l	100
89) n-Butylbenzene	14.059	91	861644	50.259	ug/l	98
90) Hexachloroethane	14.335	117	189337	49.086	ug/l	90
91) 1,2-Dichlorobenzene	14.111	146	550826	49.363	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	70562	48.992	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	216911	54.558	ug/l	98
94) Hexachlorobutadiene	15.505	225	103926	53.515	ug/l	96
95) Naphthalene	15.647	128	693754	51.875	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	223155	50.185	ug/l	97

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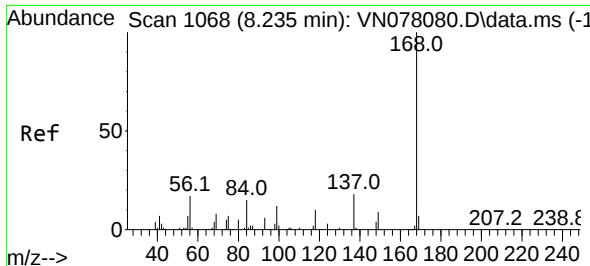
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/09/2023

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Quant Title : SW846 8260
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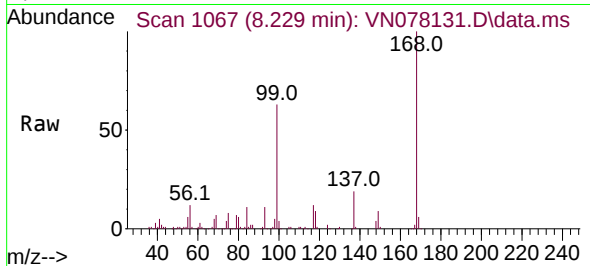
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1068
Delta R.T. -0.006 min
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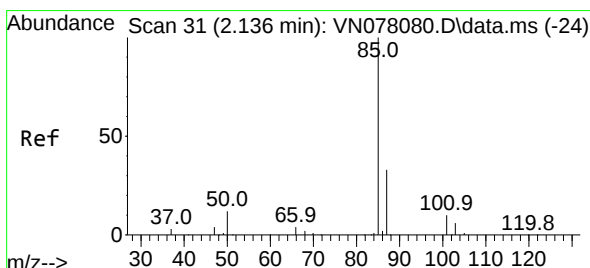
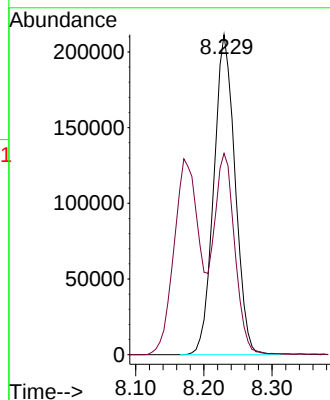
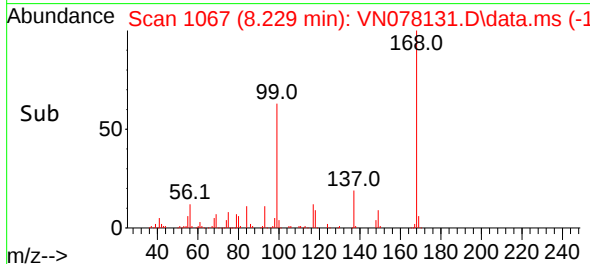
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 459960
Ion Ratio Lower Upper
168 100
99 62.6 53.0 79.6

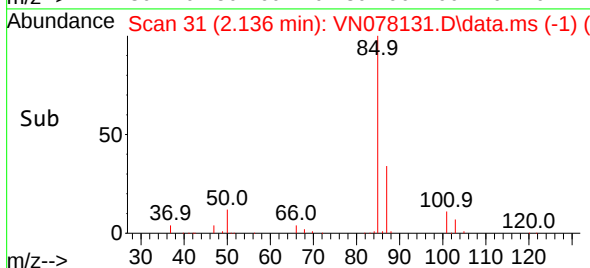
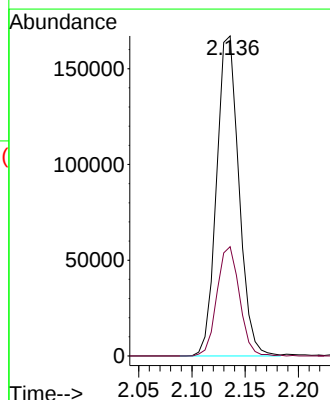
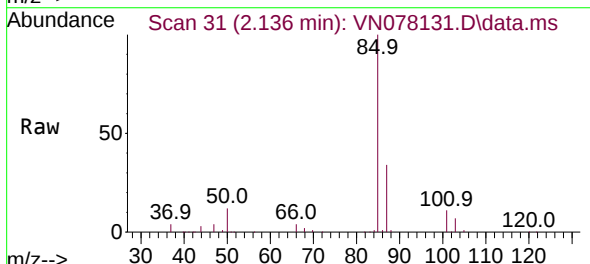
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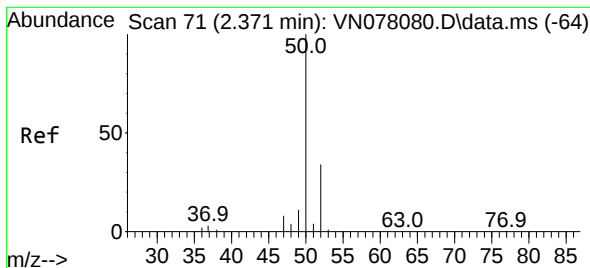
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023



#2
Dichlorodifluoromethane
Concen: 46.828 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

Tgt Ion: 85 Resp: 243474
Ion Ratio Lower Upper
85 100
87 34.2 15.8 47.4





#3

Chloromethane

Concen: 55.111 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN078131.D

Acq: 08 Jun 2023 16:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 26865

Ion Ratio Lower Upper

50 100

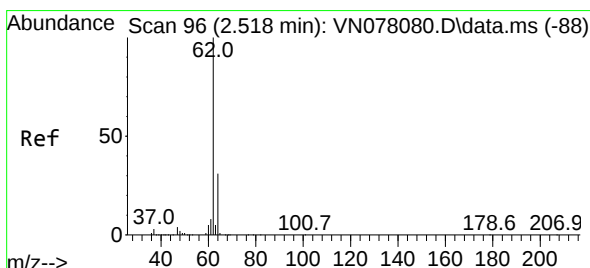
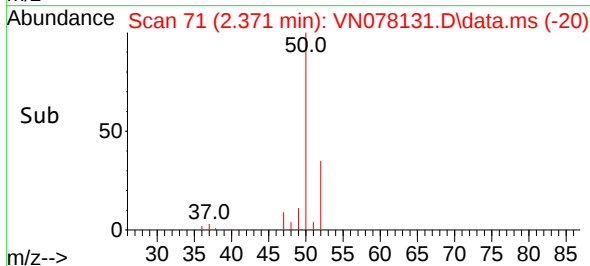
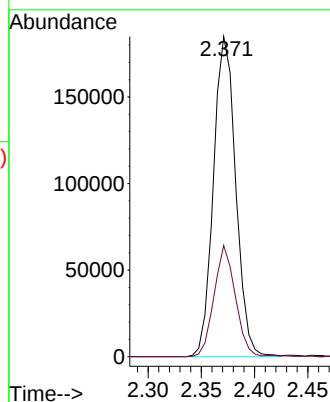
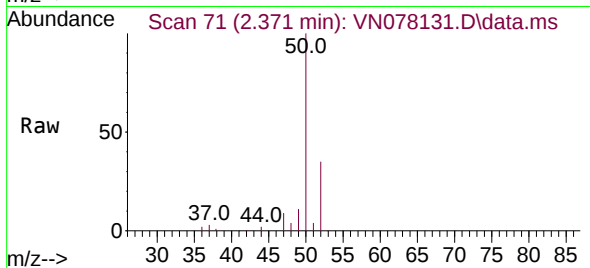
52 34.8 26.5 39.7

Manual Integrations

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Supervised By :Mahesh Dadoda 06/09/2023



#4

Vinyl Chloride

Concen: 50.710 ug/l

RT: 2.524 min Scan# 97

Delta R.T. 0.006 min

Lab File: VN078131.D

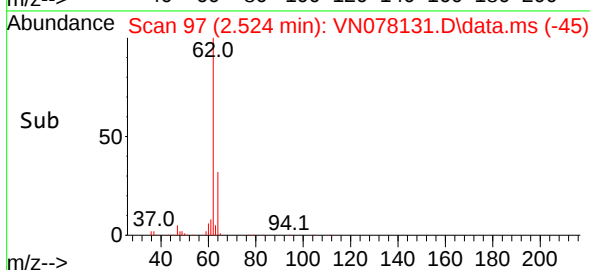
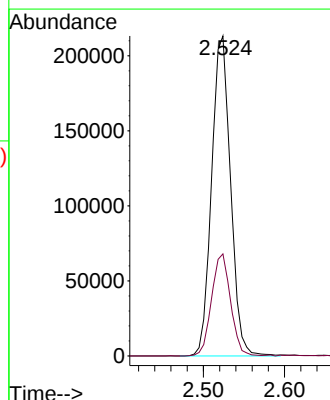
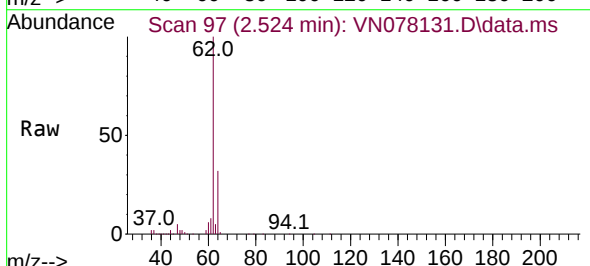
Acq: 08 Jun 2023 16:52

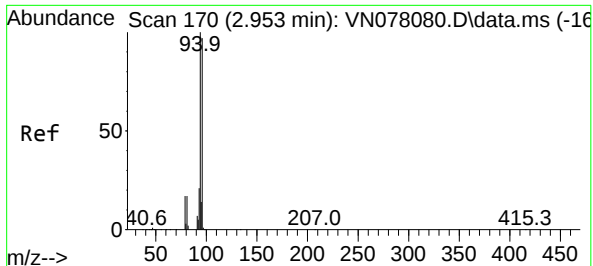
Tgt Ion: 62 Resp: 345252

Ion Ratio Lower Upper

62 100

64 31.9 26.2 39.2





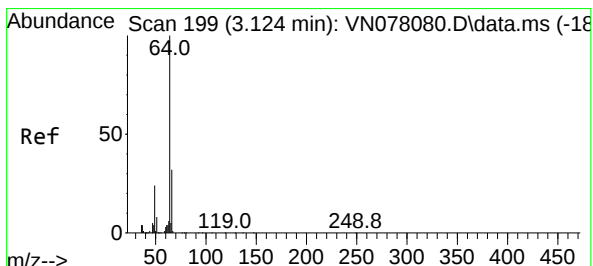
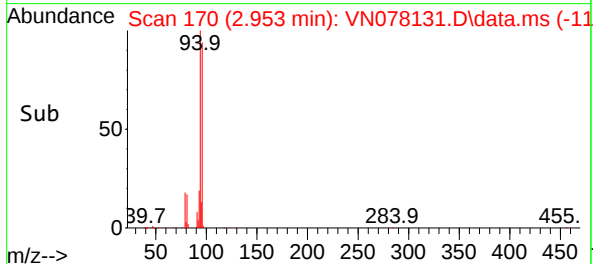
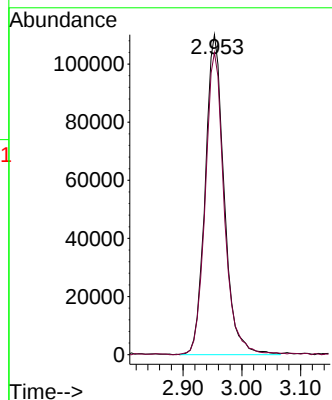
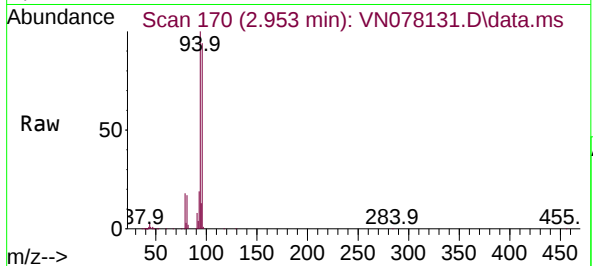
#5
Bromomethane
Concen: 47.973 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

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ClientSampleId :
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Tgt Ion: 94 Resp: 24683
Ion Ratio Lower Upper
94 100
96 94.2 73.1 109.7

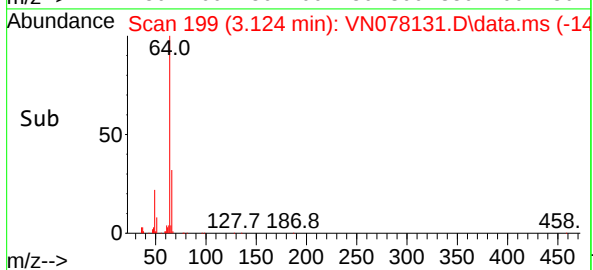
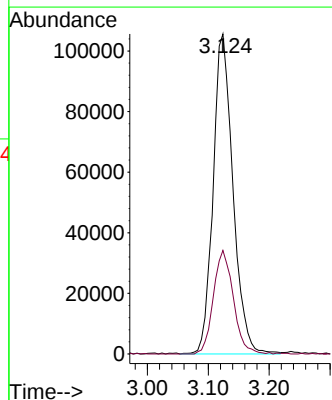
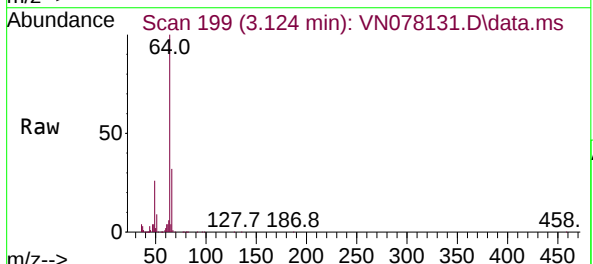
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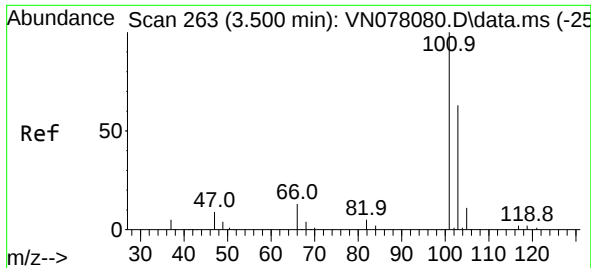
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023



#6
Chloroethane
Concen: 51.514 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
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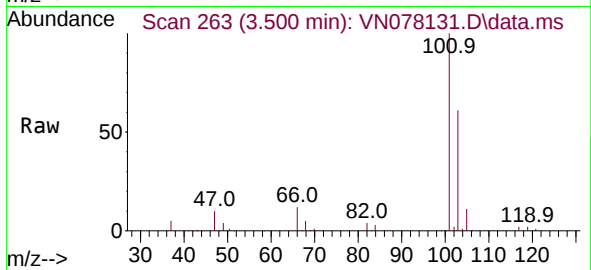
Tgt Ion: 64 Resp: 239087
Ion Ratio Lower Upper
64 100
66 32.3 25.4 38.2





#7
Trichlorofluoromethane
Concen: 51.580 ug/l
RT: 3.500 min Scan# 201
Delta R.T. -0.000 min
Lab File: VN078131.D
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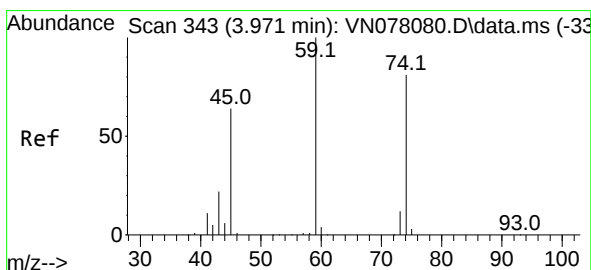
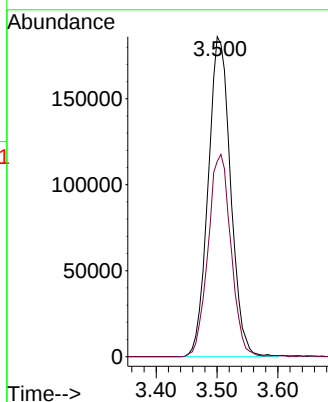
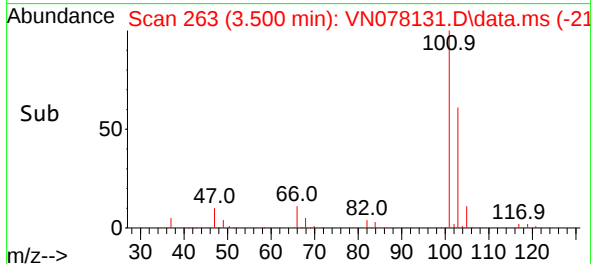
Instrument :
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ClientSampleId :
VSTDCCC050EC



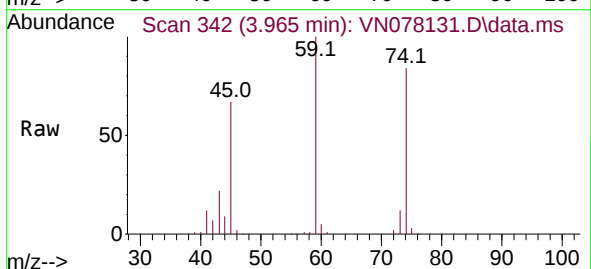
Tgt Ion:101 Resp: 476218
Ion Ratio Lower Upper
101 100
103 61.0 50.7 76.1

Manual Integrations
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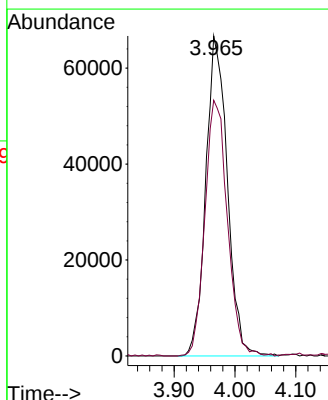
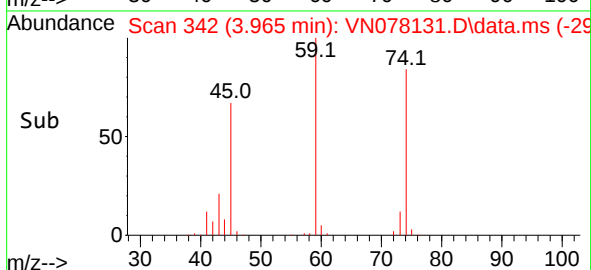
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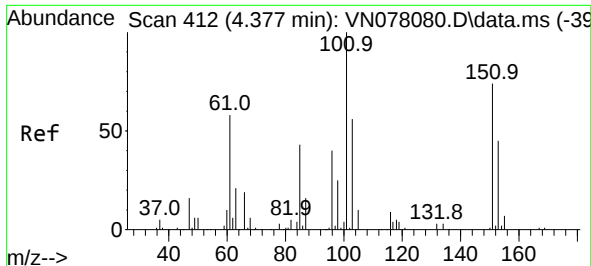


#8
Diethyl Ether
Concen: 50.428 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.006 min
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Acq: 08 Jun 2023 16:52



Tgt Ion: 74 Resp: 163592
Ion Ratio Lower Upper
74 100
45 83.5 34.4 103.3





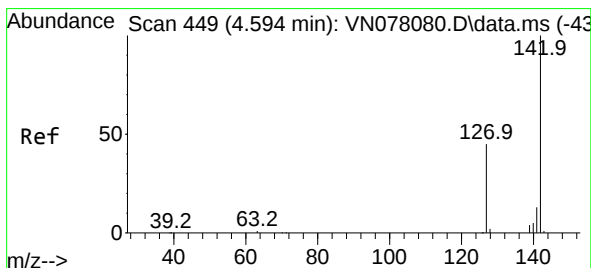
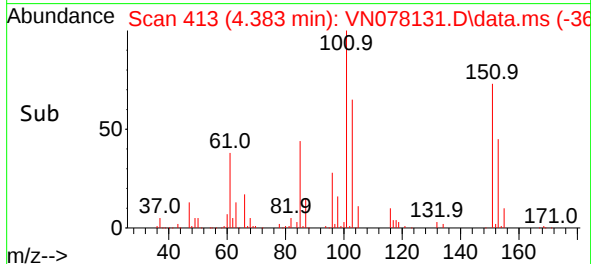
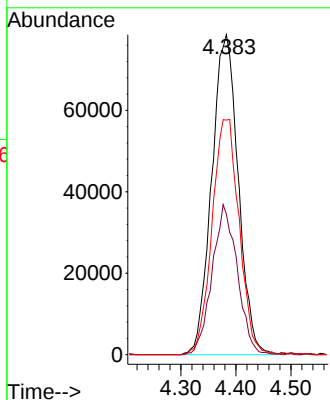
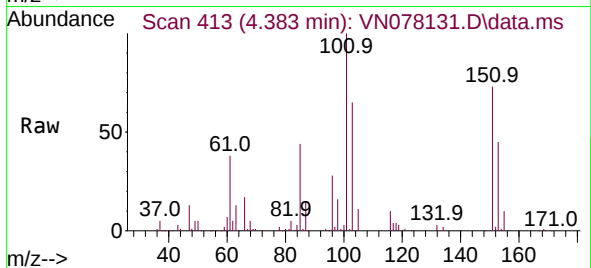
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.080 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 26350
Ion Ratio Lower Upper
101 100
85 44.6 36.6 55.0
151 75.0 57.6 86.4

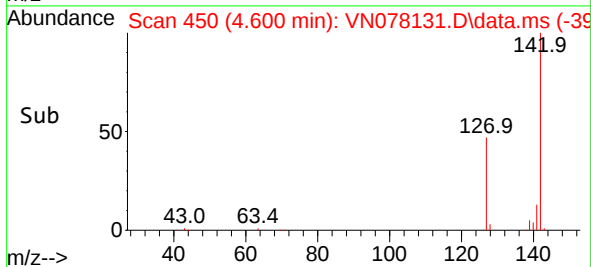
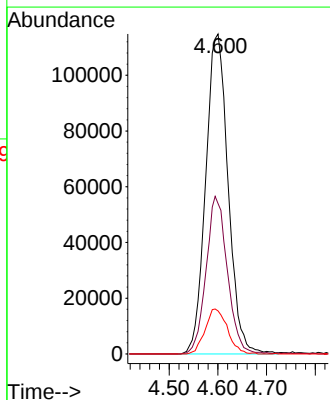
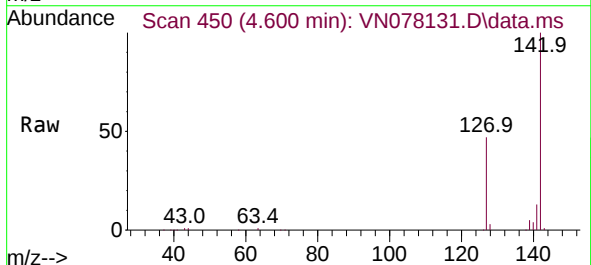
Manual Integrations
APPROVED

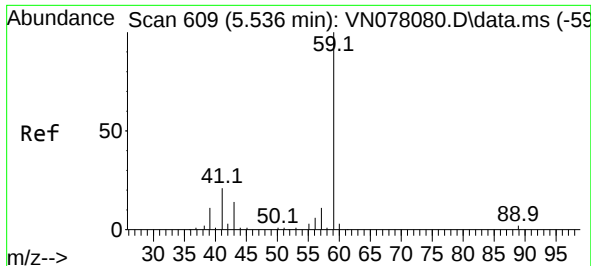
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023



#10
Methyl Iodide
Concen: 53.297 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

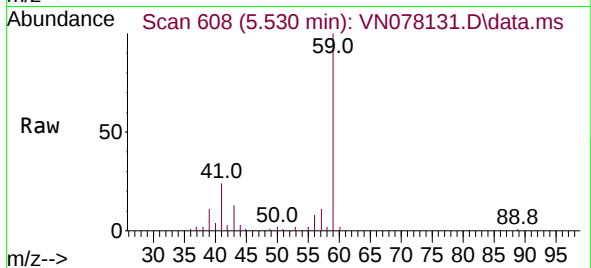
Tgt Ion:142 Resp: 367256
Ion Ratio Lower Upper
142 100
127 47.0 37.6 56.4
141 13.5 11.4 17.0





#11
Tert butyl alcohol
Concen: 220.642 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

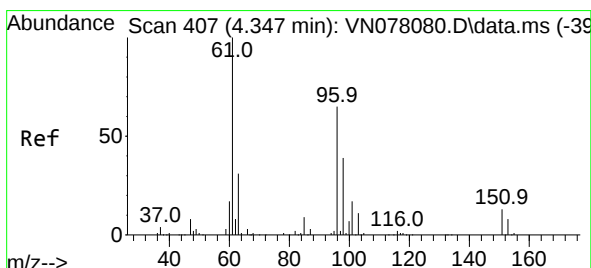
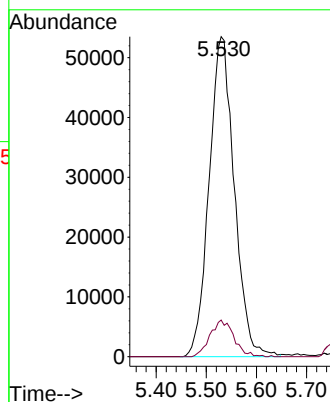
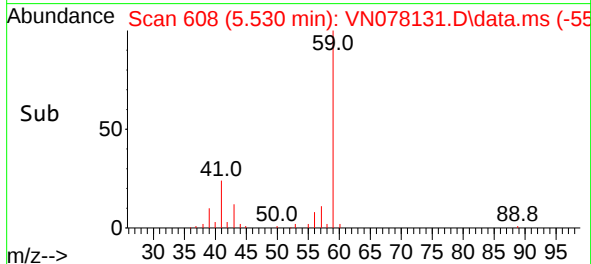
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 186839
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4

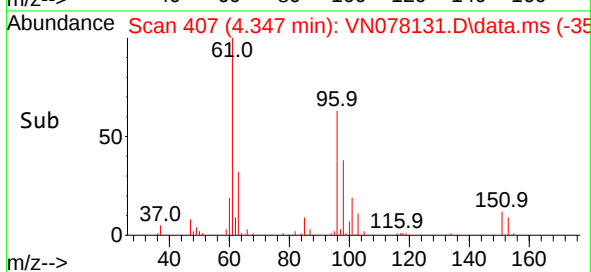
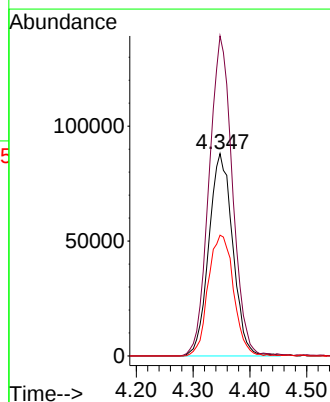
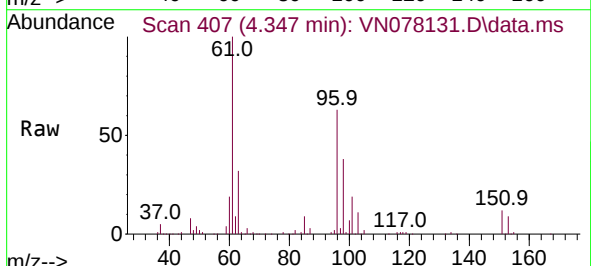
Manual Integrations
APPROVED

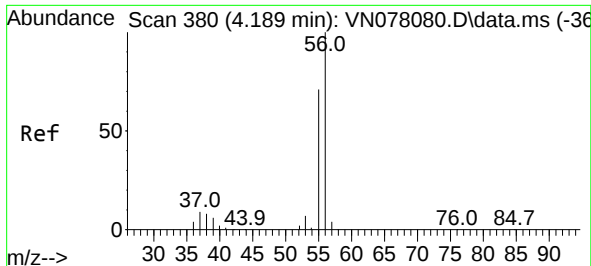
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023



#12
1,1-Dichloroethene
Concen: 51.321 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

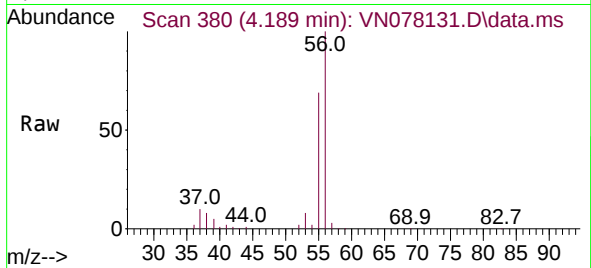
Tgt Ion: 96 Resp: 257774
Ion Ratio Lower Upper
96 100
61 158.1 112.7 169.1
98 59.7 51.2 76.8





#13
Acrolein
Concen: 248.306 ug/l
RT: 4.189 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

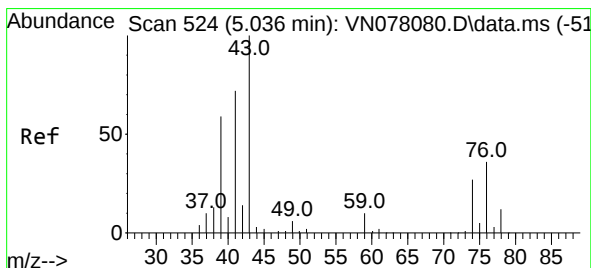
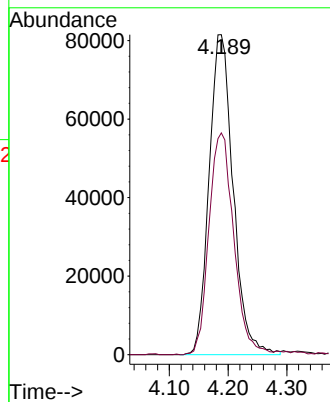
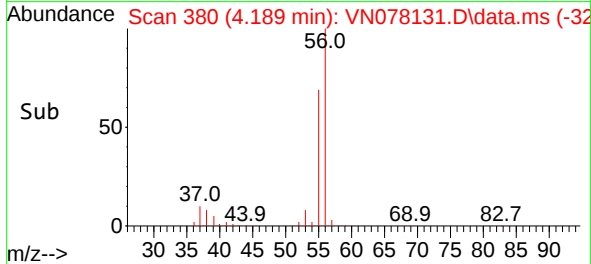
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



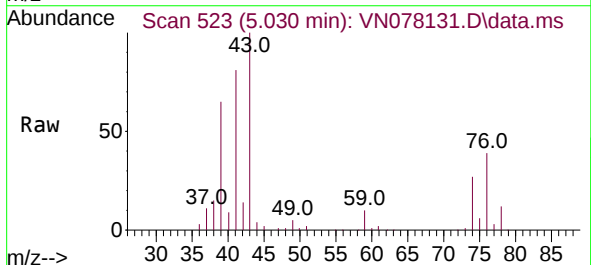
Tgt Ion: 56 Resp: 231739
Ion Ratio Lower Upper
56 100
55 71.4 54.5 81.7

Manual Integrations
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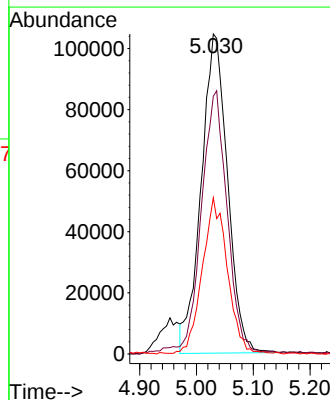
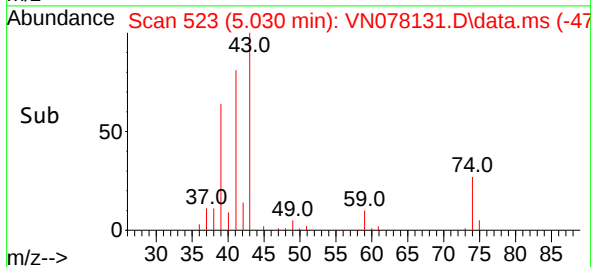
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023

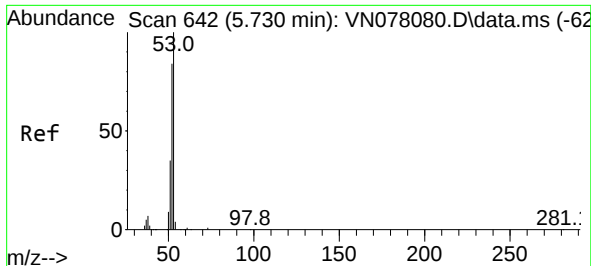


#14
Allyl chloride
Concen: 54.852 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52



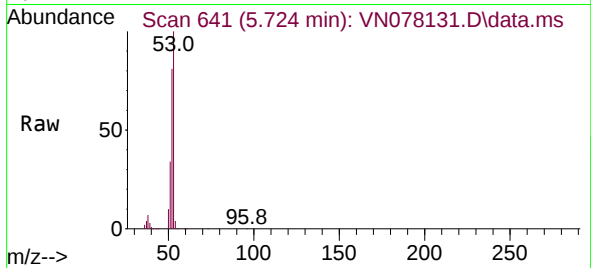
Tgt Ion: 41 Resp: 336311
Ion Ratio Lower Upper
41 100
39 82.0 58.8 88.2
76 46.2 39.1 58.7





#15
Acrylonitrile
Concen: 269.839 ug/l
RT: 5.724 min Scan# 642
Delta R.T. -0.006 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

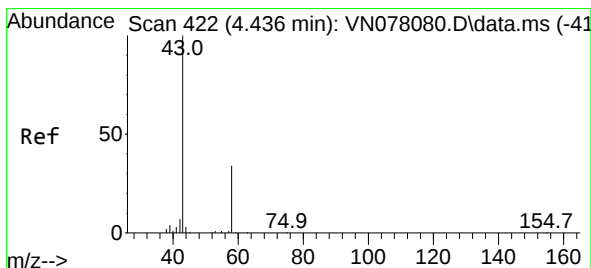
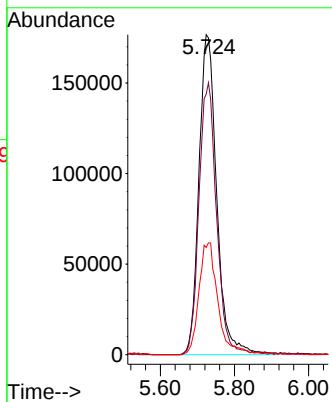
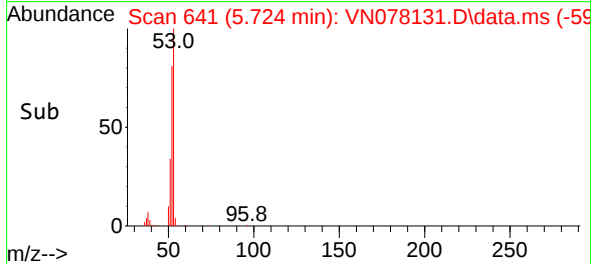
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 589104
Ion Ratio Lower Upper
53 100
52 83.7 65.3 97.9
51 37.4 28.9 43.3

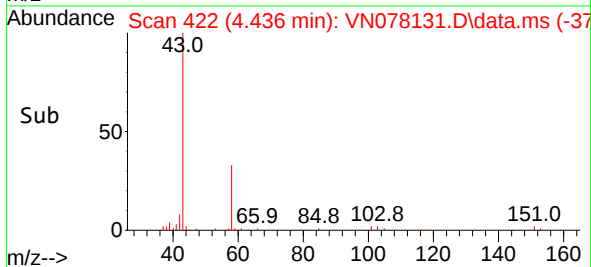
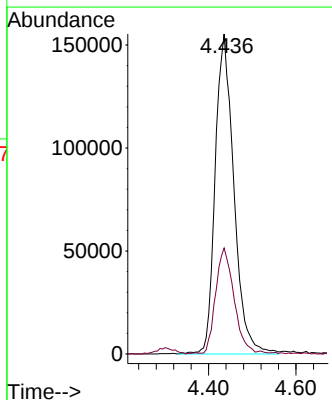
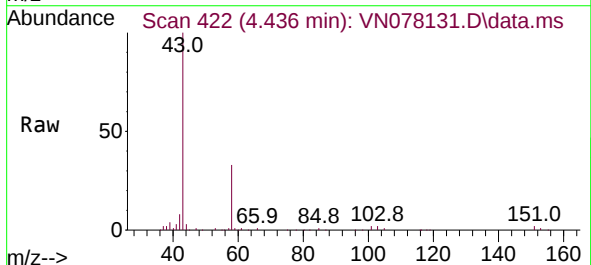
Manual Integrations
APPROVED

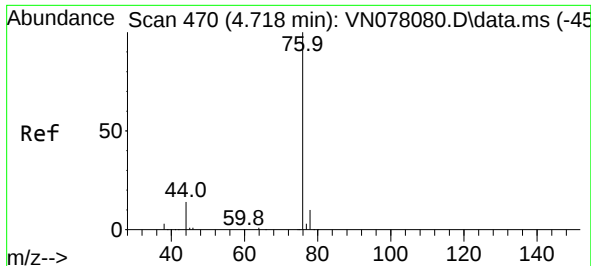
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023



#16
Acetone
Concen: 260.535 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.000 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

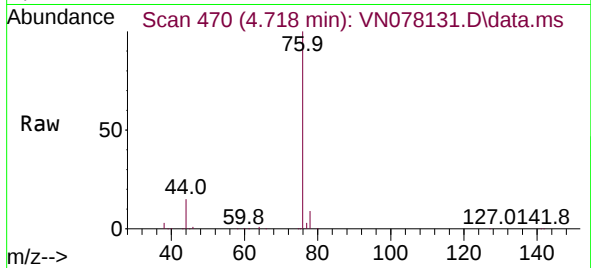
Tgt Ion: 43 Resp: 459899
Ion Ratio Lower Upper
43 100
58 33.0 28.0 42.0





#17
Carbon Disulfide
Concen: 51.545 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

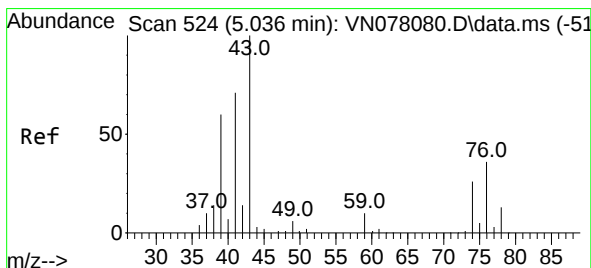
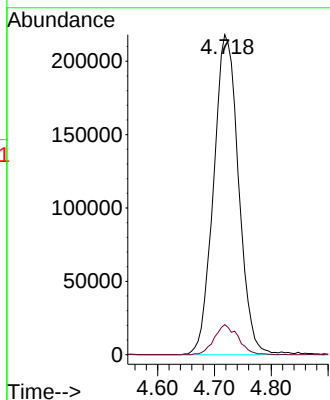
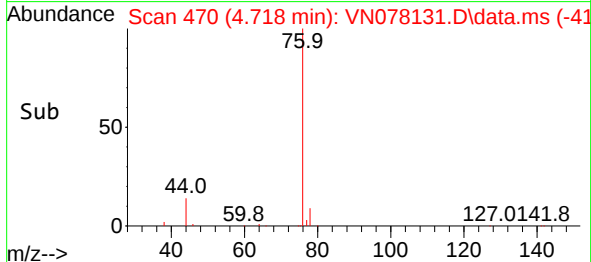
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



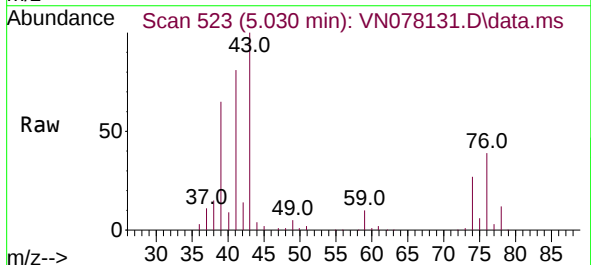
Tgt Ion: 76 Resp: 66638
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

Manual Integrations
APPROVED

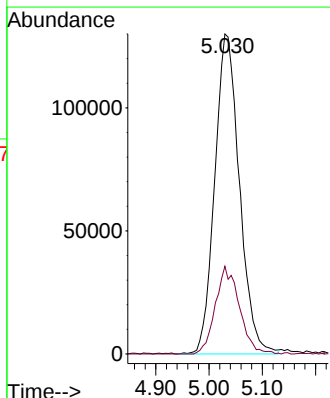
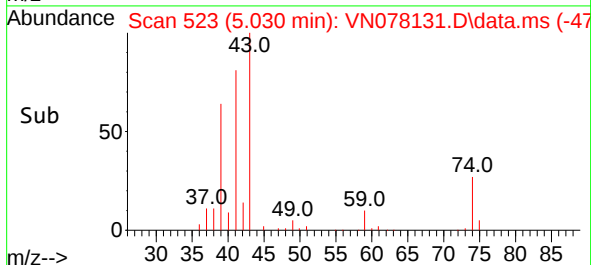
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023

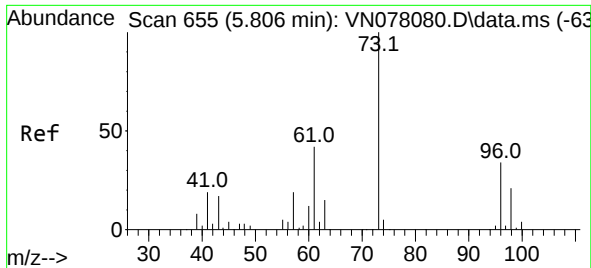


#18
Methyl Acetate
Concen: 51.477 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52



Tgt Ion: 43 Resp: 418354
Ion Ratio Lower Upper
43 100
74 26.6 26.2 39.4





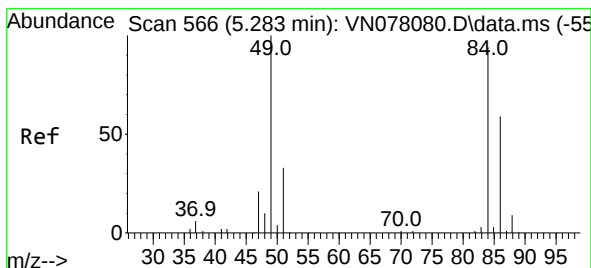
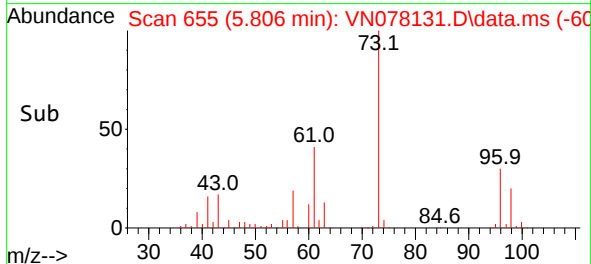
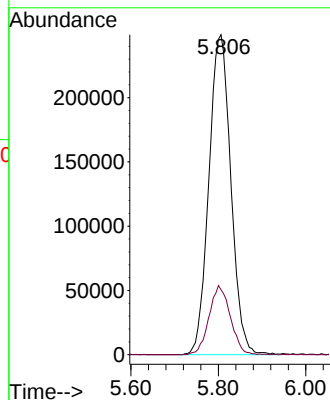
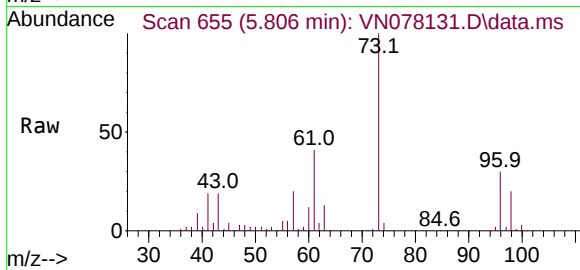
#19
Methyl tert-butyl Ether
Concen: 54.259 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 869530
Ion Ratio Lower Upper
73 100
57 20.3 15.6 23.4

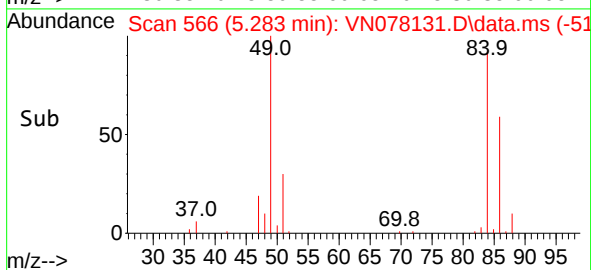
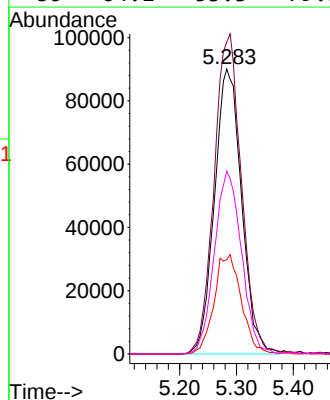
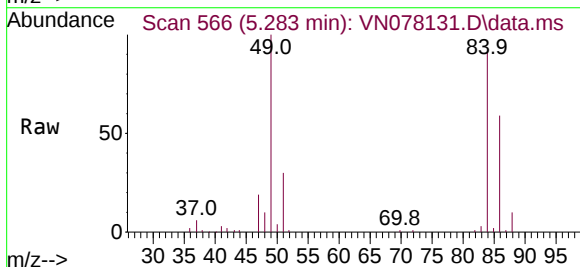
Manual Integrations
APPROVED

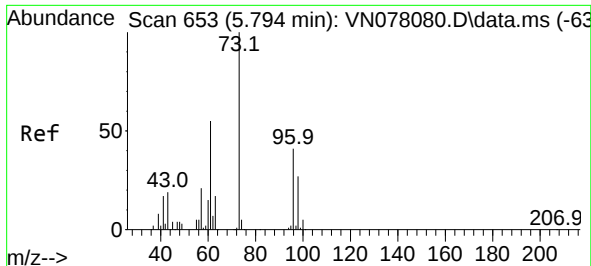
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023



#20
Methylene Chloride
Concen: 51.178 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

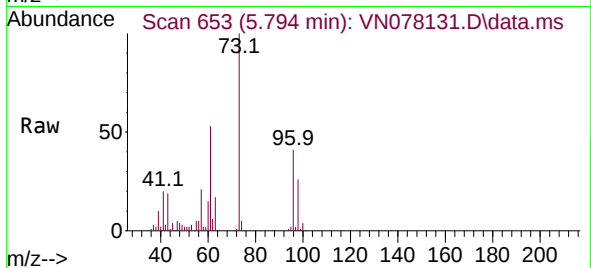
Tgt Ion: 84 Resp: 298530
Ion Ratio Lower Upper
84 100
49 109.5 79.7 119.5
51 33.1 25.2 37.8
86 64.1 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 52.613 ug/l
RT: 5.794 min Scan# 613
Delta R.T. -0.000 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

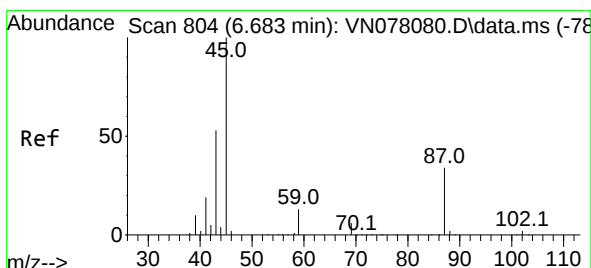
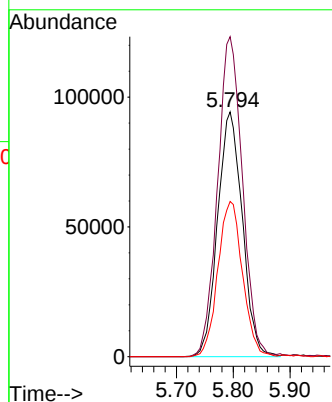
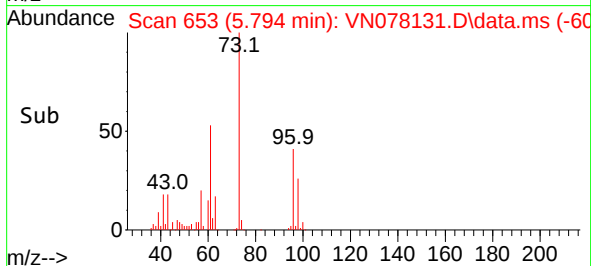
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 285020
Ion Ratio Lower Upper
96 100
61 130.7 90.1 135.1
98 63.4 46.4 69.6

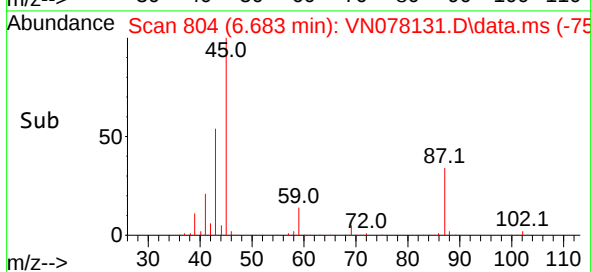
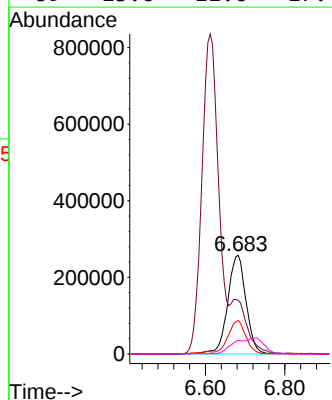
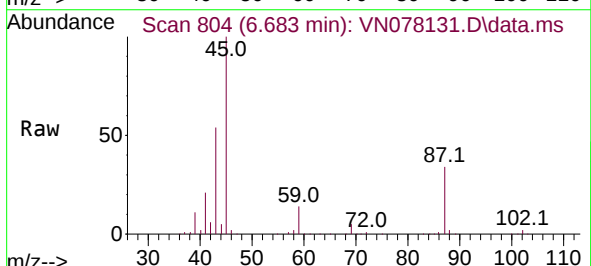
Manual Integrations
APPROVED

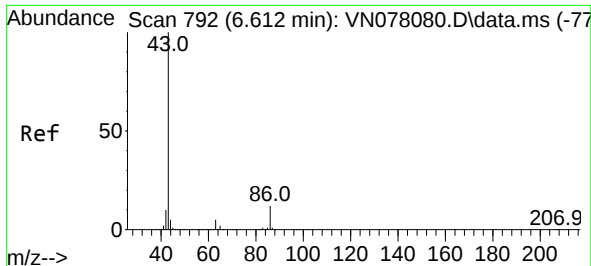
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023



#22
Diisopropyl ether
Concen: 57.416 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

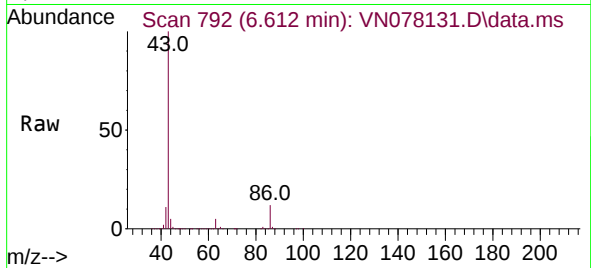
Tgt Ion: 45 Resp: 828076
Ion Ratio Lower Upper
45 100
43 54.1 45.5 68.3
87 33.8 31.8 47.8
59 13.6 11.6 17.4





#23
 Vinyl Acetate
 Concen: 285.668 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: VN078131.D
 Acq: 08 Jun 2023 16:52

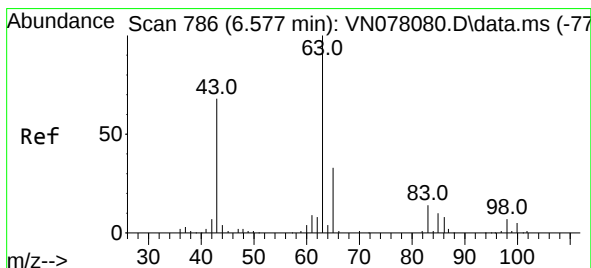
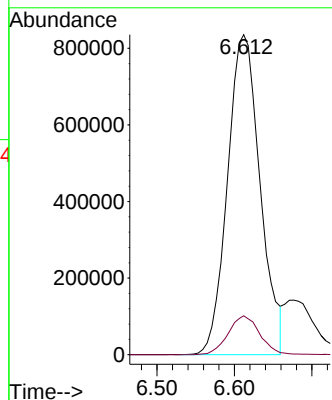
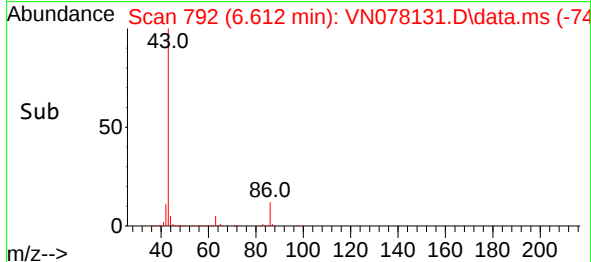
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 2449089
 Ion Ratio Lower Upper
 43 100
 86 12.2 13.0 19.6

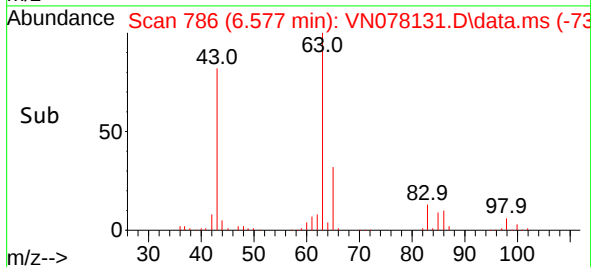
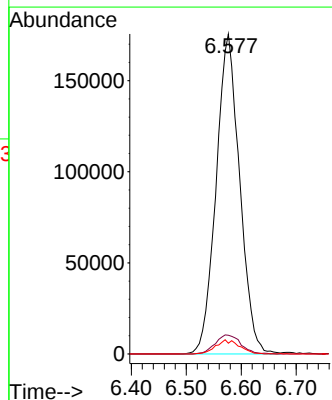
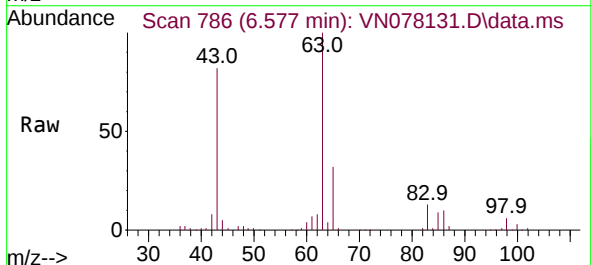
Manual Integrations
 APPROVED

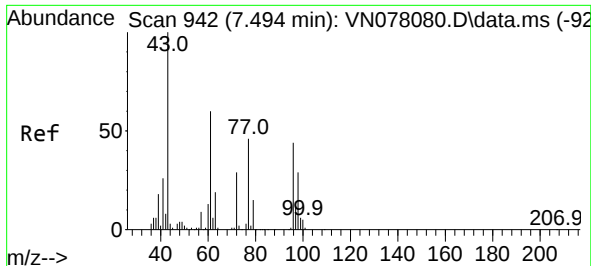
Reviewed By :John Carlone 06/09/2023
 Supervised By :Mahesh Dadoda 06/09/2023



#24
 1,1-Dichloroethane
 Concen: 54.918 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078131.D
 Acq: 08 Jun 2023 16:52

Tgt Ion: 63 Resp: 522496
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.9 11.7
 100 3.4 2.5 7.4





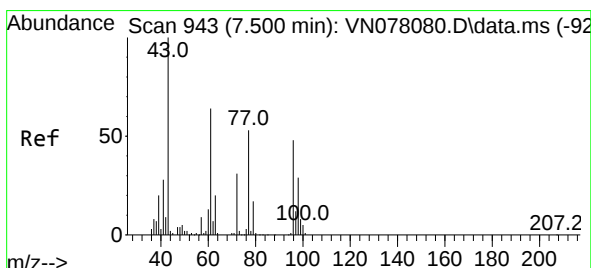
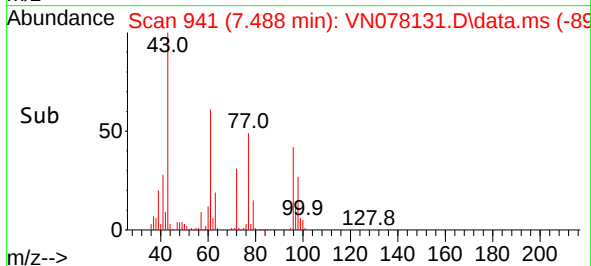
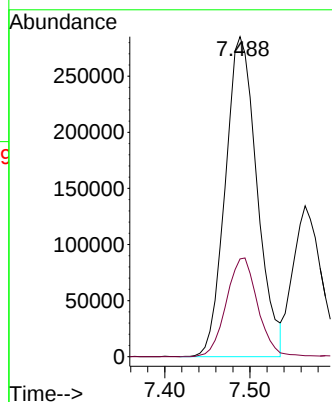
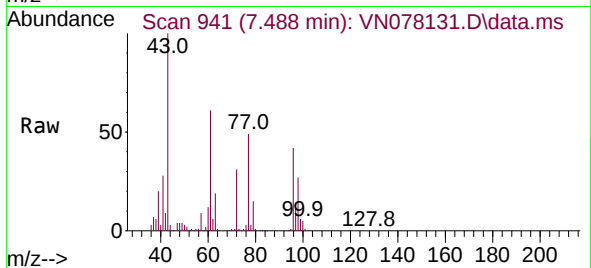
#25
2-Butanone
Concen: 271.921 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 73813
Ion Ratio Lower Upper
43 100
72 30.5 30.2 45.2

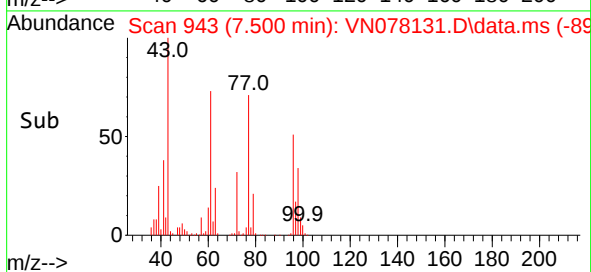
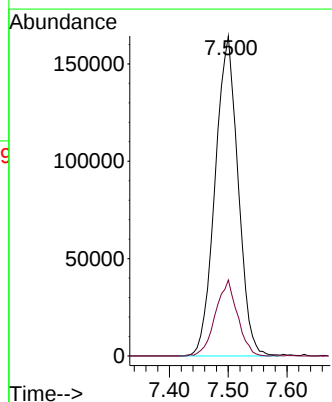
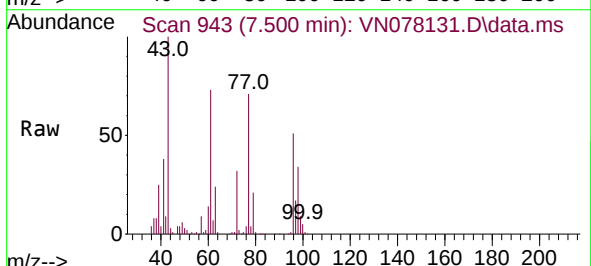
Manual Integrations
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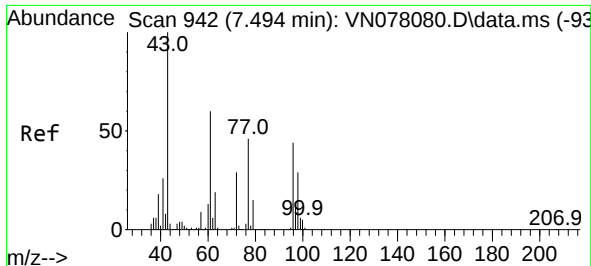
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023



#26
2,2-Dichloropropane
Concen: 63.547 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

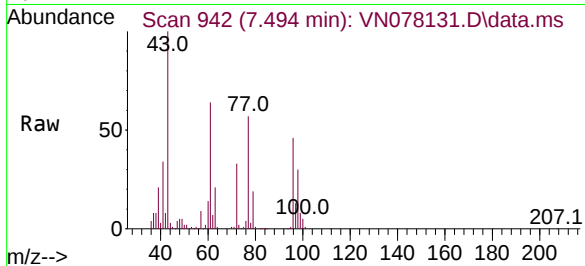
Tgt Ion: 77 Resp: 446413
Ion Ratio Lower Upper
77 100
97 22.7 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 51.362 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. -0.000 min
 Lab File: VN078131.D
 Acq: 08 Jun 2023 16:52

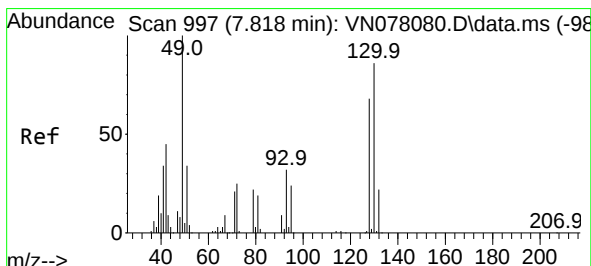
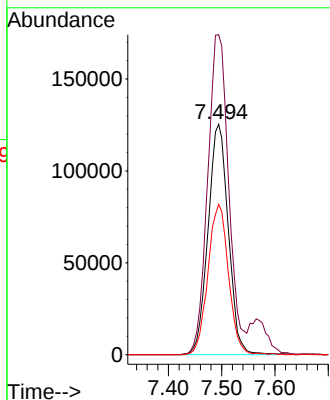
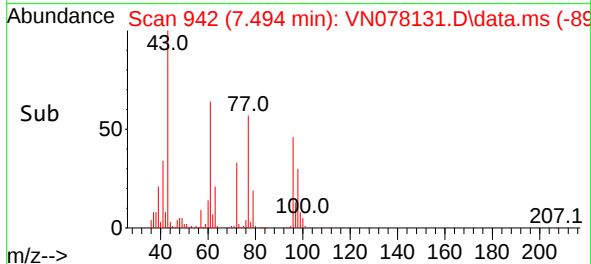
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 33189
 Ion Ratio Lower Upper
 96 100
 61 144.1 0.0 255.2
 98 66.1 0.0 128.8

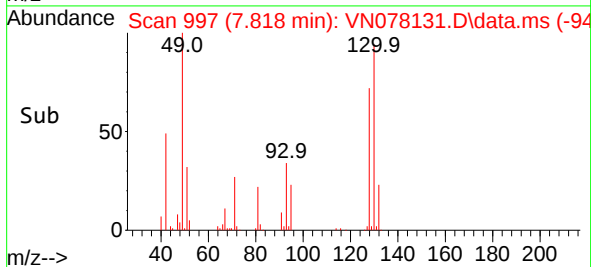
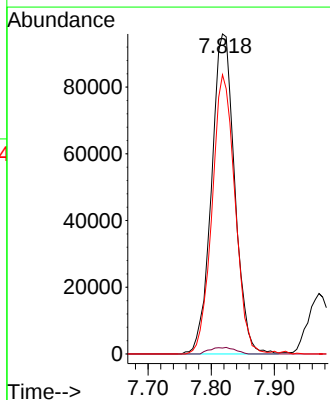
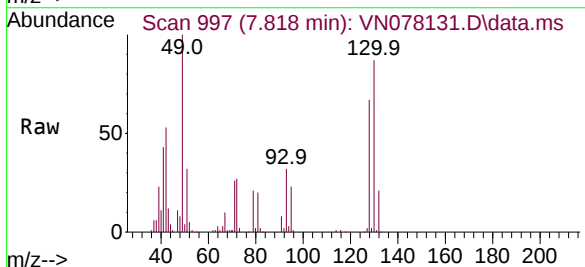
Manual Integrations
 APPROVED

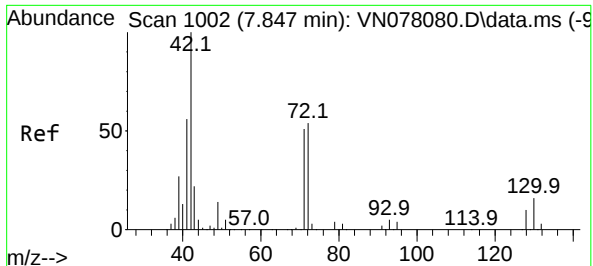
Reviewed By :John Carlone 06/09/2023
 Supervised By :Mahesh Dadoda 06/09/2023



#28
 Bromochloromethane
 Concen: 56.072 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN078131.D
 Acq: 08 Jun 2023 16:52

Tgt Ion: 49 Resp: 244939
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.8
 130 85.9 75.3 112.9





#29

Tetrahydrofuran

Concen: 265.690 ug/l

RT: 7.841 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN078131.D

Acq: 08 Jun 2023 16:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

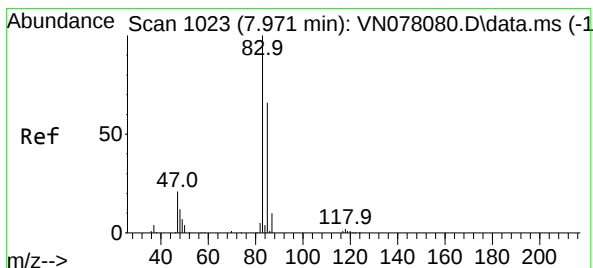
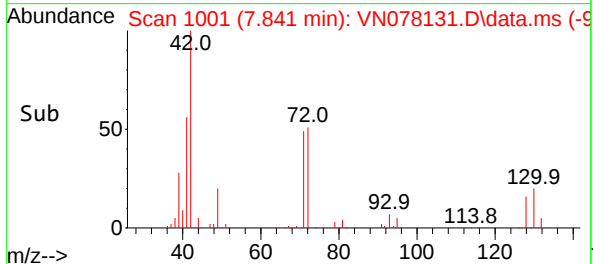
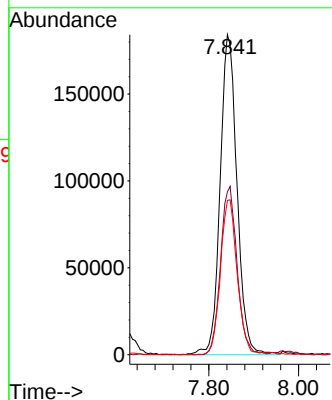
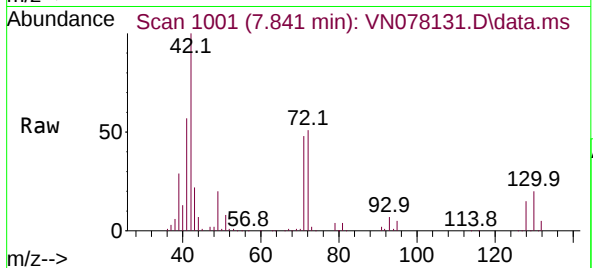
Tgt Ion: 42 Resp: 482139
 Ion Ratio Lower Upper
 42 100
 72 51.6 49.8 74.6
 71 48.0 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2023

Supervised By :Mahesh Dadoda 06/09/2023



#30

Chloroform

Concen: 55.543 ug/l

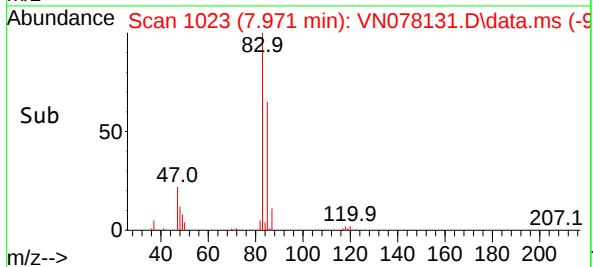
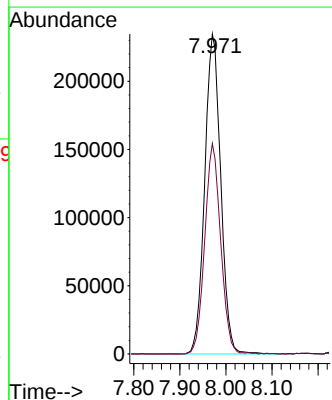
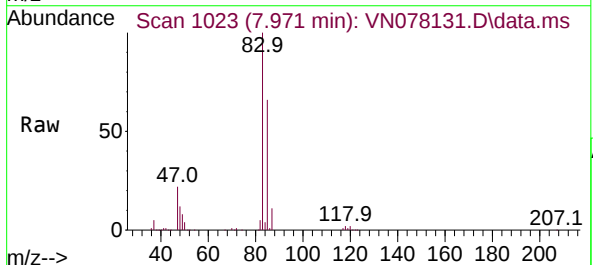
RT: 7.971 min Scan# 1023

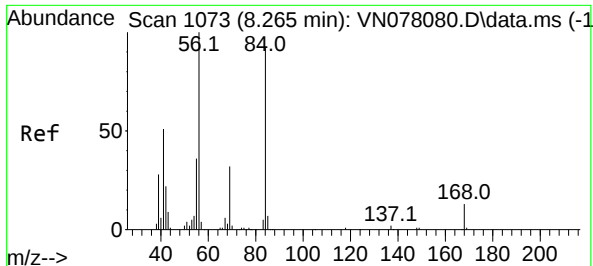
Delta R.T. -0.000 min

Lab File: VN078131.D

Acq: 08 Jun 2023 16:52

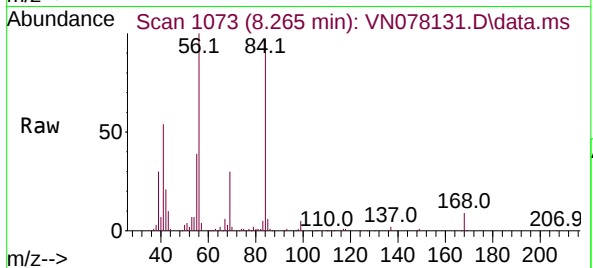
Tgt Ion: 83 Resp: 569028
 Ion Ratio Lower Upper
 83 100
 85 65.8 55.4 83.0





#31
Cyclohexane
Concen: 52.338 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

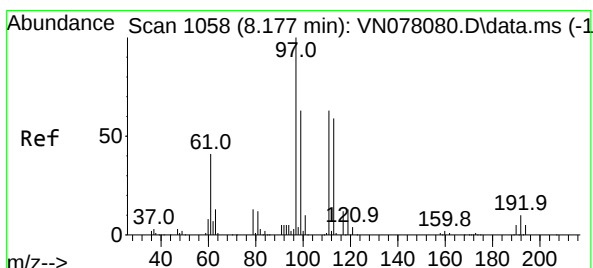
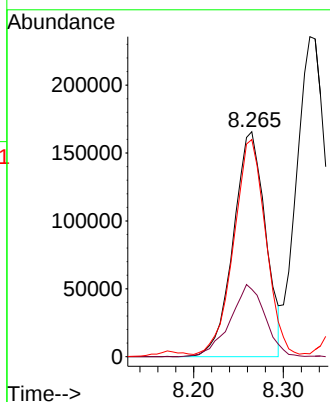
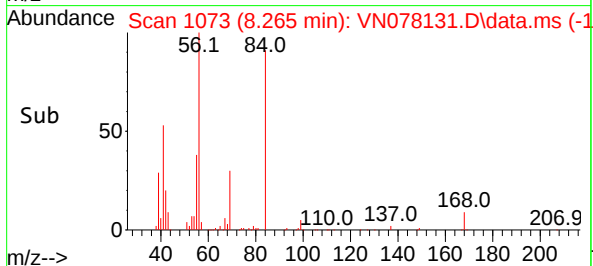
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



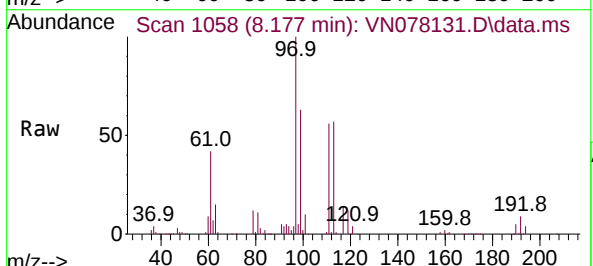
Tgt Ion: 56 Resp: 411732
Ion Ratio Lower Upper
56 100
69 30.0 26.8 40.2
84 94.9 81.8 122.6

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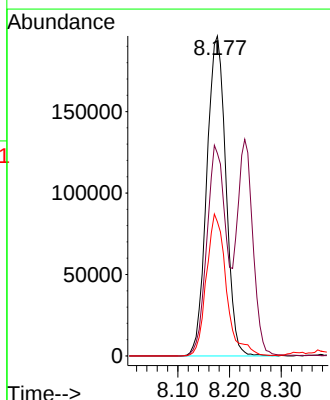
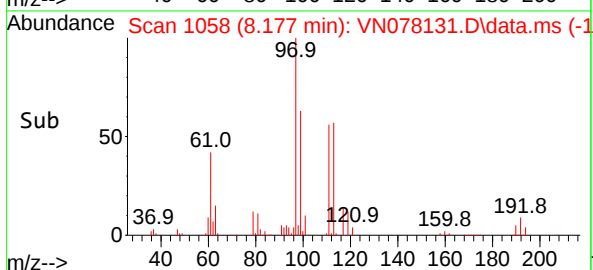
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023

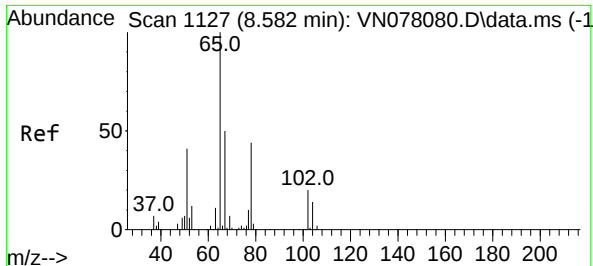


#32
1,1,1-Trichloroethane
Concen: 56.074 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52



Tgt Ion: 97 Resp: 504344
Ion Ratio Lower Upper
97 100
99 67.2 50.3 75.5
61 46.4 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 52.009 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN078131.D

Acq: 08 Jun 2023 16:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 31895

Ion Ratio Lower Upper

65 100

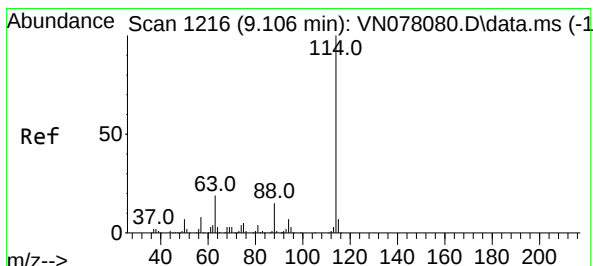
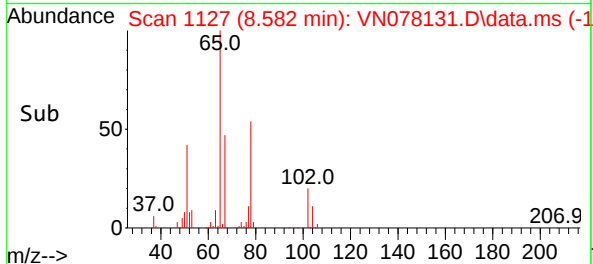
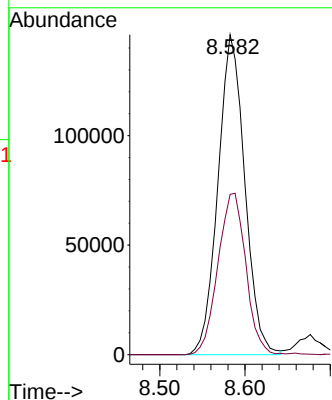
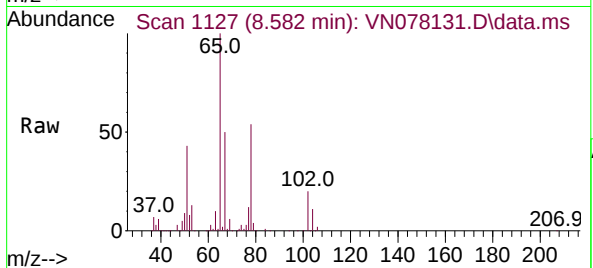
67 52.5 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2023

Supervised By :Mahesh Dadoda 06/09/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078131.D

Acq: 08 Jun 2023 16:52

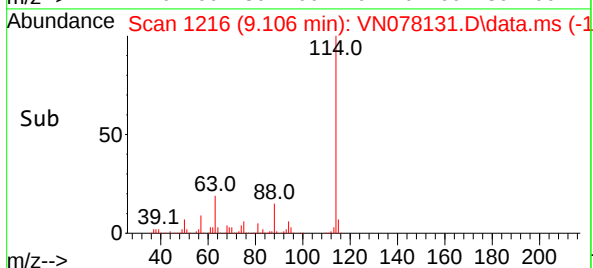
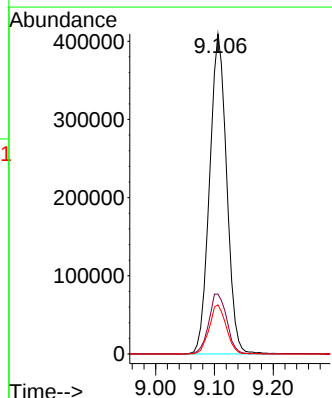
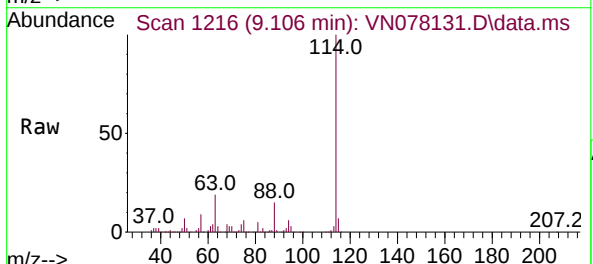
Tgt Ion:114 Resp: 826556

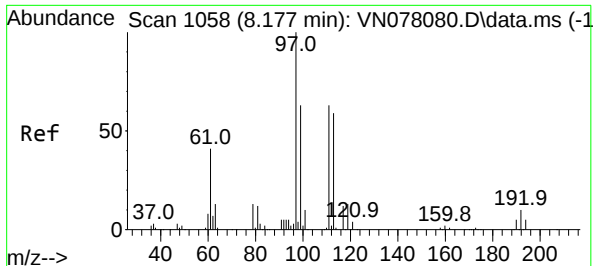
Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.4

88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.794 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078131.D

Acq: 08 Jun 2023 16:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 270684

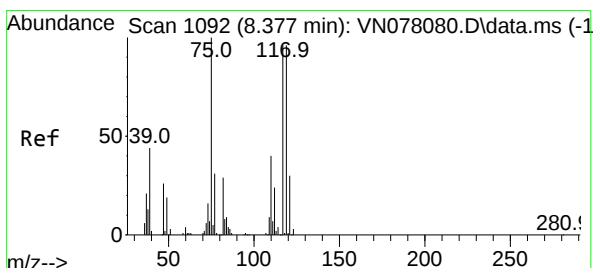
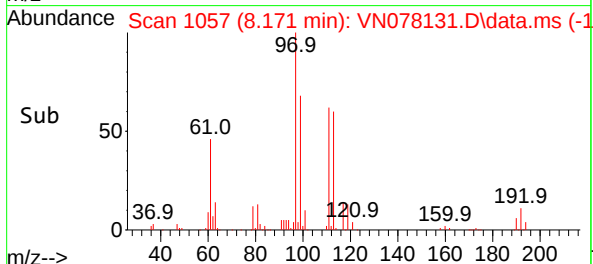
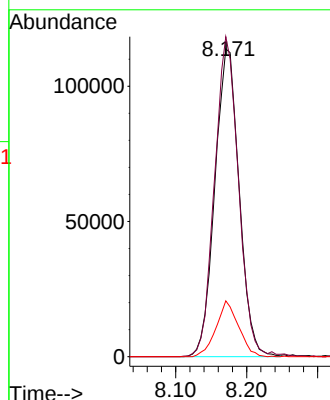
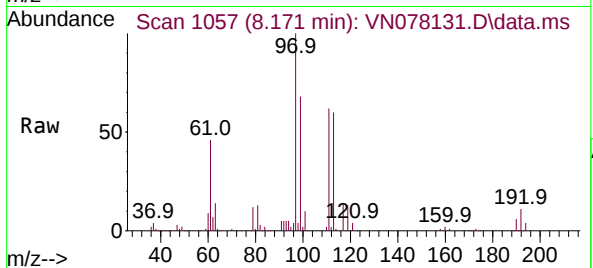
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	123.8
192	16.8	12.7	19.1

Manual Integrations

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Reviewed By :John Carlone 06/09/2023

Supervised By :Mahesh Dadoda 06/09/2023



#36

1,1-Dichloropropene

Concen: 56.394 ug/l

RT: 8.377 min Scan# 1092

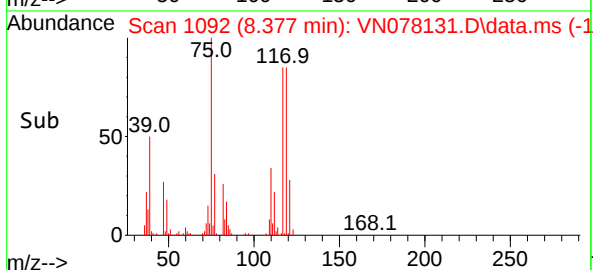
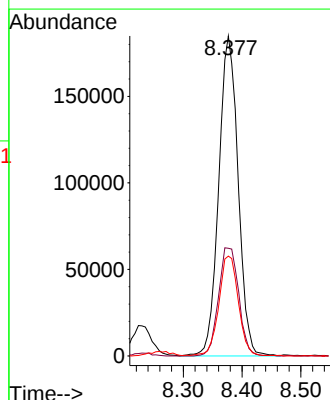
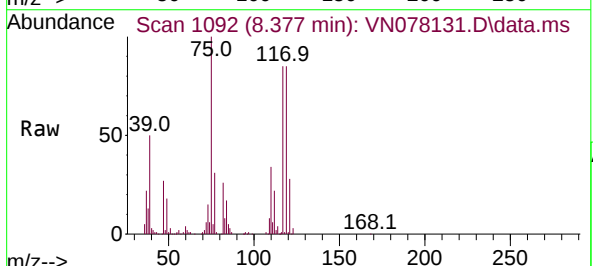
Delta R.T. -0.000 min

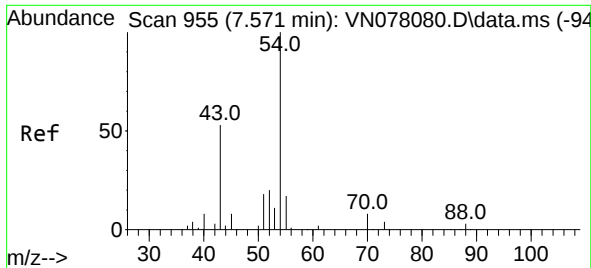
Lab File: VN078131.D

Acq: 08 Jun 2023 16:52

Tgt Ion: 75 Resp: 422753

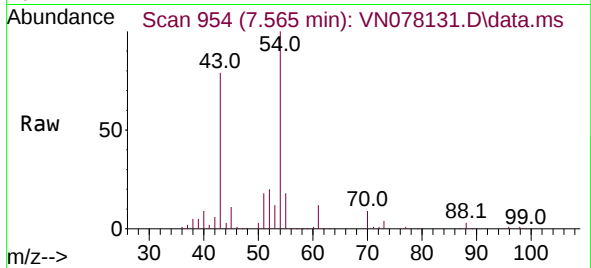
Ion	Ratio	Lower	Upper
75	100		
110	35.3	19.1	57.3
77	31.3	25.0	37.4





#37
Ethyl Acetate
Concen: 54.877 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

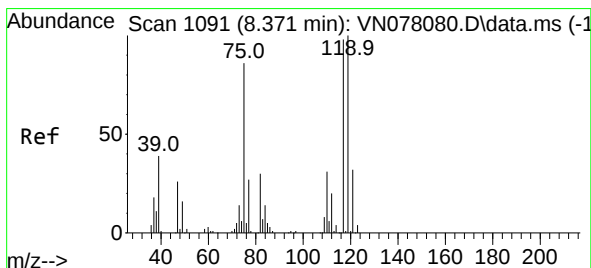
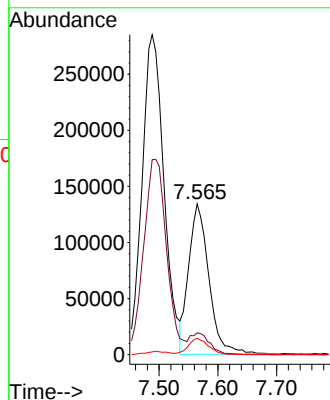
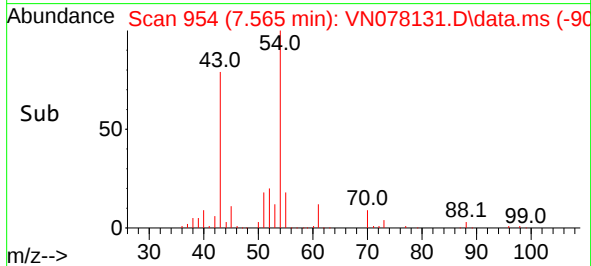
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 321370
Ion Ratio Lower Upper
43 100
61 13.5 13.2 19.8
70 11.0 11.3 16.9

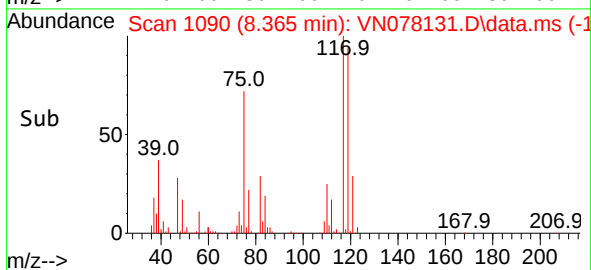
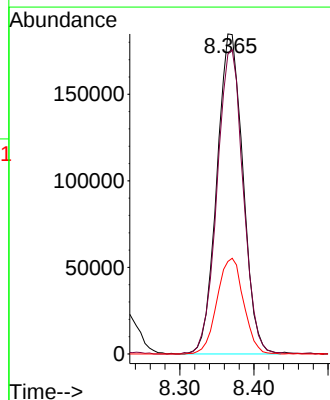
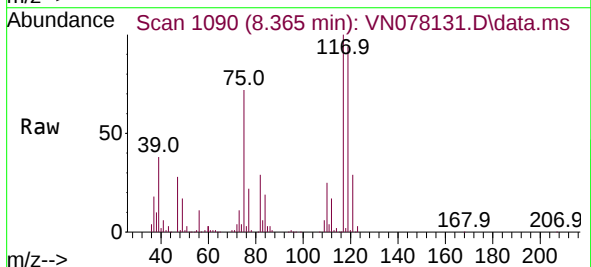
Manual Integrations
APPROVED

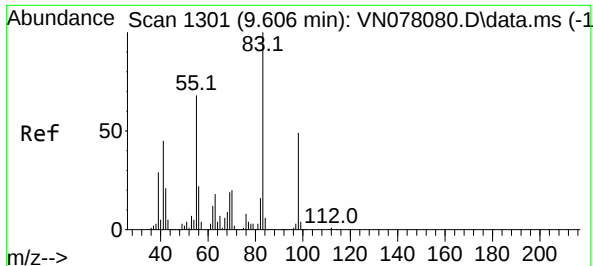
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023



#38
Carbon Tetrachloride
Concen: 57.059 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

Tgt Ion:117 Resp: 451648
Ion Ratio Lower Upper
117 100
119 93.7 77.3 115.9
121 28.9 23.3 34.9





#39

Methylcyclohexane

Concen: 53.935 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN078131.D

Acq: 08 Jun 2023 16:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

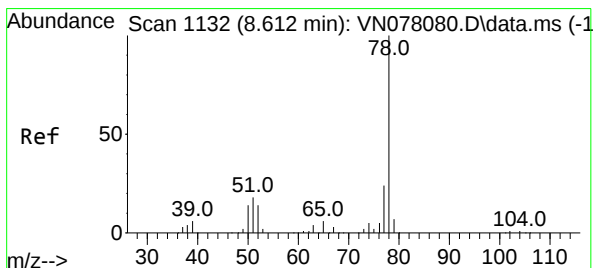
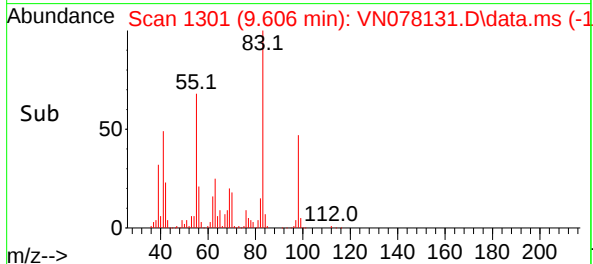
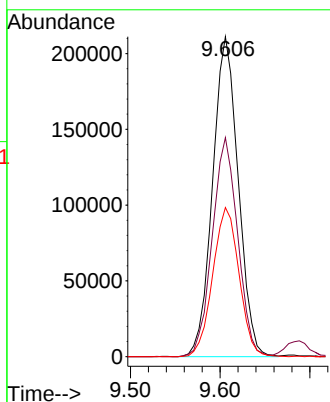
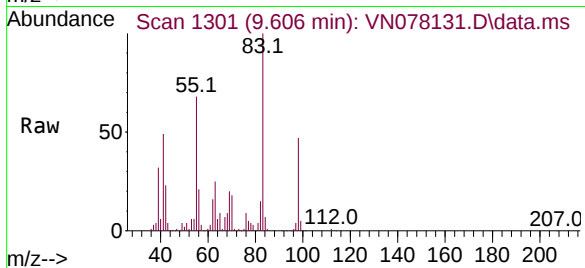
Tgt Ion:	83	Resp:	419008
Ion Ratio	Lower	Upper	
83	100		
55	68.4	49.1	73.7
98	46.6	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2023

Supervised By :Mahesh Dadoda 06/09/2023



#40

Benzene

Concen: 55.531 ug/l

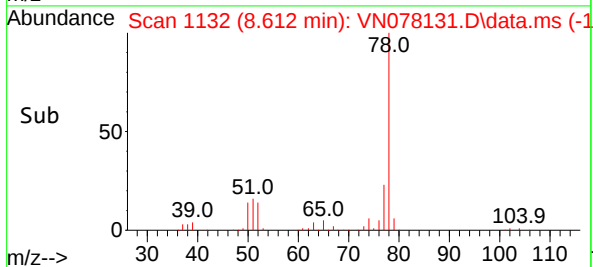
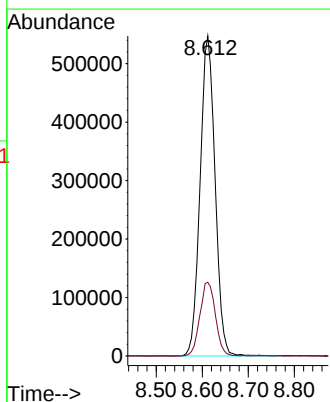
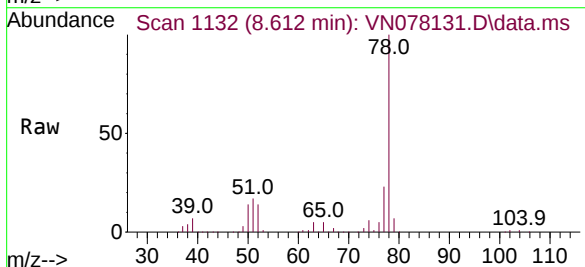
RT: 8.612 min Scan# 1132

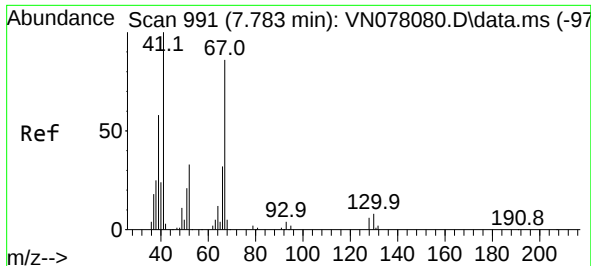
Delta R.T. -0.000 min

Lab File: VN078131.D

Acq: 08 Jun 2023 16:52

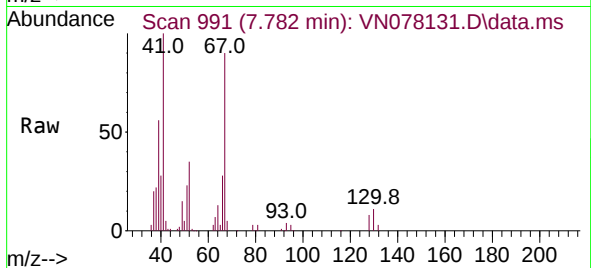
Tgt Ion:	78	Resp:	1242766
Ion Ratio	Lower	Upper	
78	100		
77	23.1	19.0	28.6





#41
Methacrylonitrile
Concen: 55.456 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

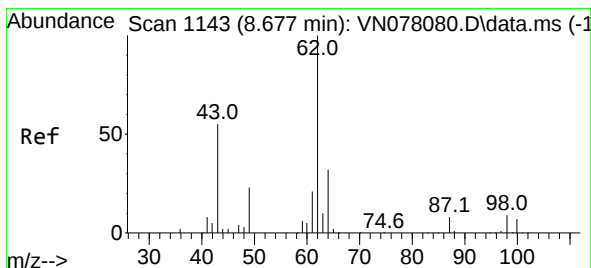
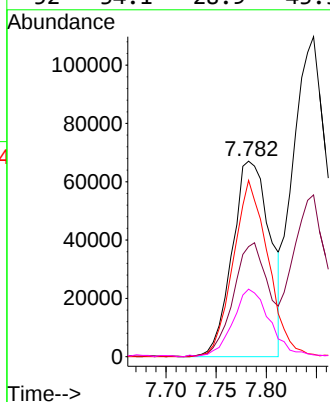
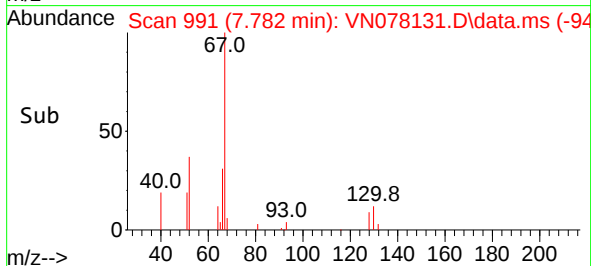
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



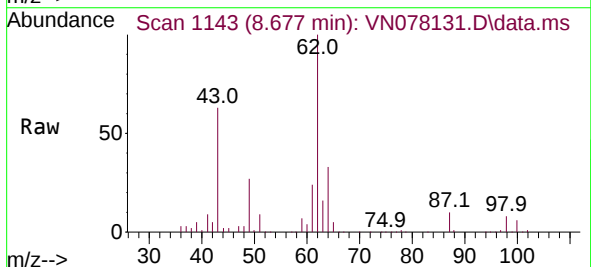
Tgt Ion: 41 Resp: 176029
Ion Ratio Lower Upper
41 100
39 55.0 42.6 64.0
67 83.7 77.5 116.3
52 34.1 28.9 43.3

Manual Integrations
APPROVED

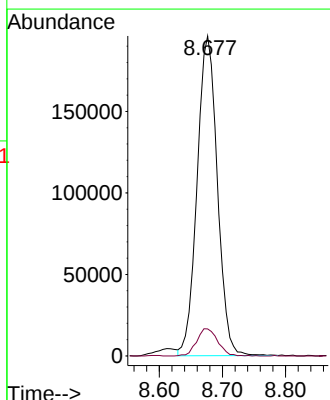
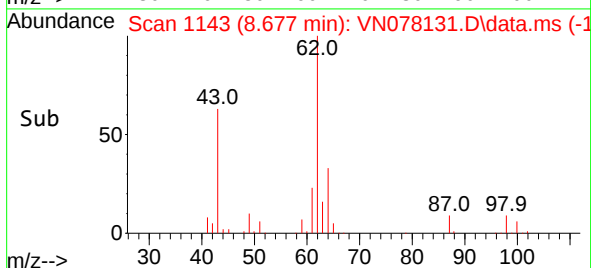
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023

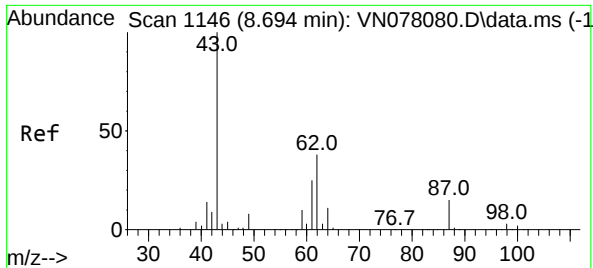


#42
1,2-Dichloroethane
Concen: 56.853 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52



Tgt Ion: 62 Resp: 436258
Ion Ratio Lower Upper
62 100
98 8.9 0.0 19.8





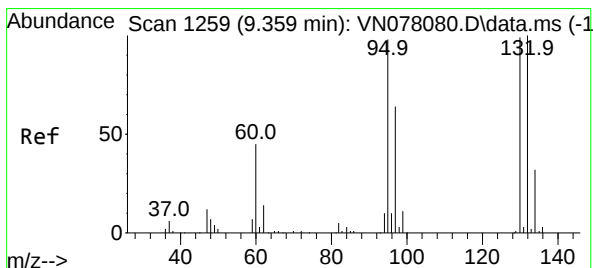
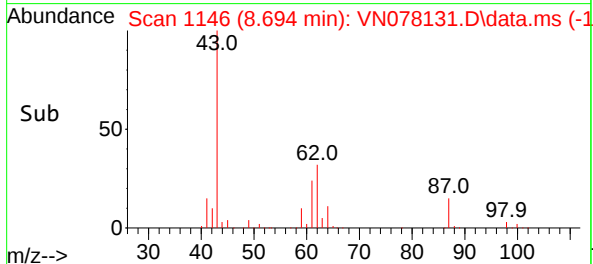
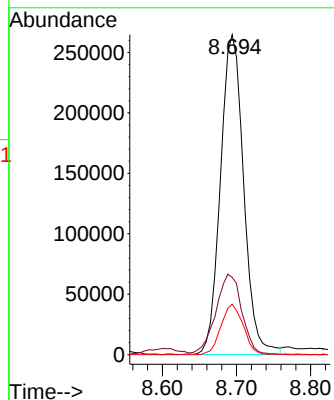
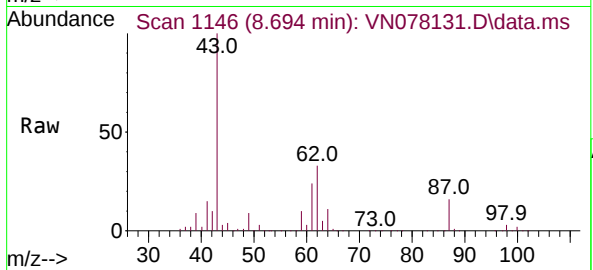
#43
Isopropyl Acetate
Concen: 51.397 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 575628
Ion Ratio Lower Upper
43 100
61 28.1 24.7 37.1
87 15.1 14.6 21.8

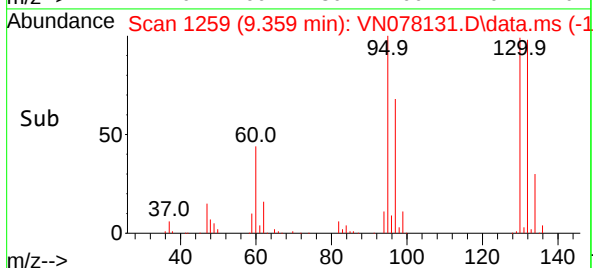
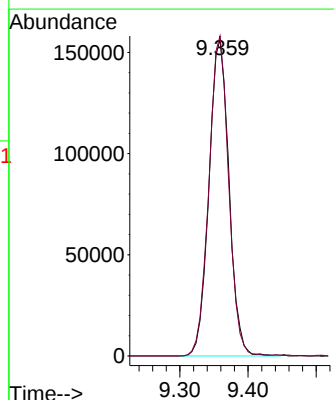
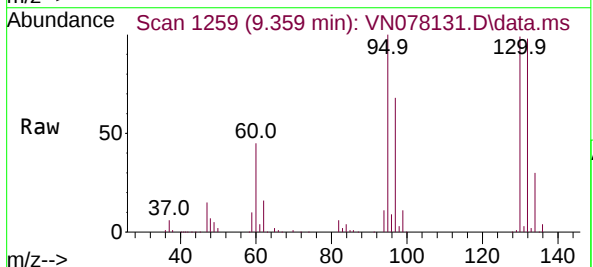
Manual Integrations
APPROVED

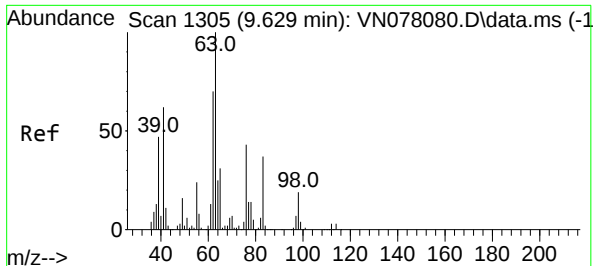
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023



#44
Trichloroethene
Concen: 54.072 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

Tgt Ion:130 Resp: 319578
Ion Ratio Lower Upper
130 100
95 101.1 0.0 204.6





#45

1,2-Dichloropropane

Concen: 57.063 ug/l

RT: 9.623 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VN078131.D

Acq: 08 Jun 2023 16:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 31773

Ion Ratio Lower Upper

63 100

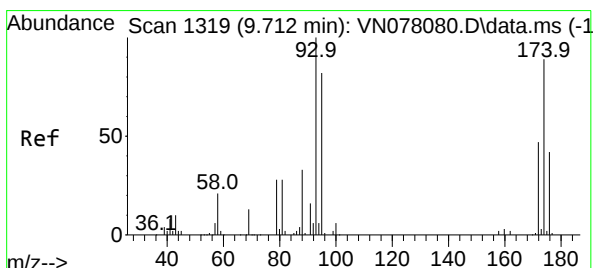
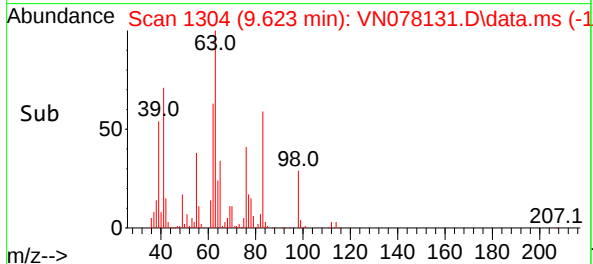
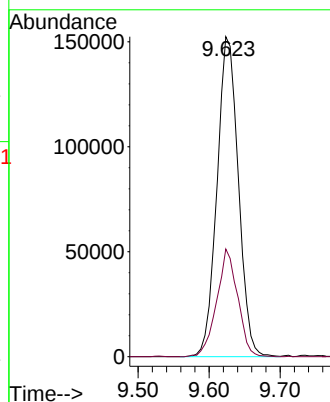
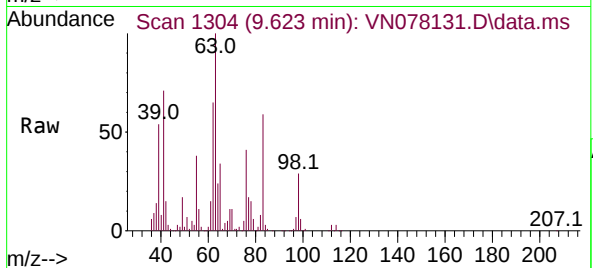
65 33.6 23.9 35.9

Manual Integrations

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Reviewed By :John Carlone 06/09/2023

Supervised By :Mahesh Dadoda 06/09/2023



#46

Dibromomethane

Concen: 54.661 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN078131.D

Acq: 08 Jun 2023 16:52

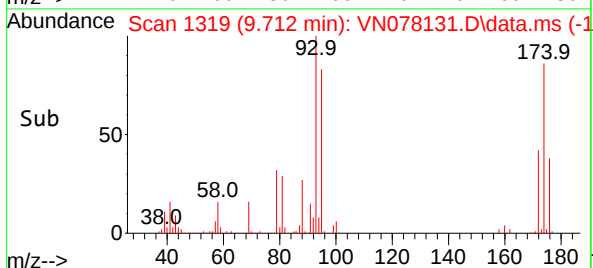
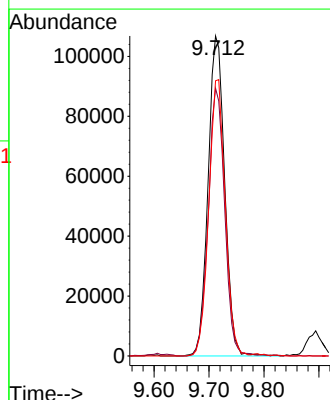
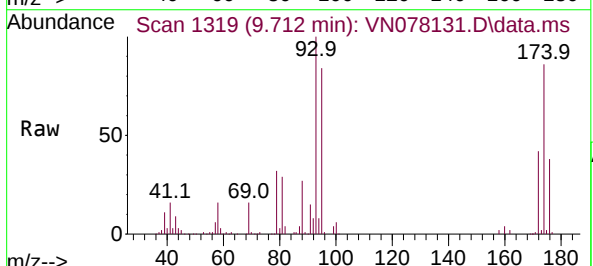
Tgt Ion: 93 Resp: 224180

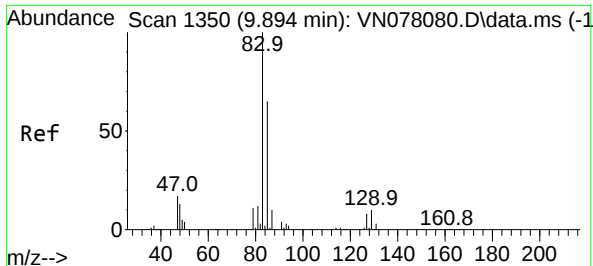
Ion Ratio Lower Upper

93 100

95 82.6 63.8 95.8

174 85.7 65.6 98.4





#47

Bromodichloromethane

Concen: 58.702 ug/l

RT: 9.894 min Scan# 1350

Delta R.T. -0.000 min

Lab File: VN078131.D

Acq: 08 Jun 2023 16:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 447208

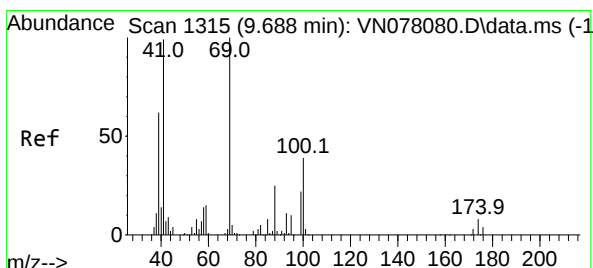
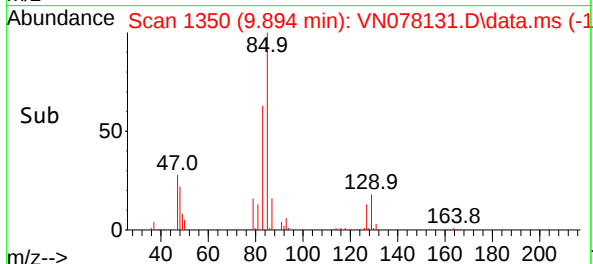
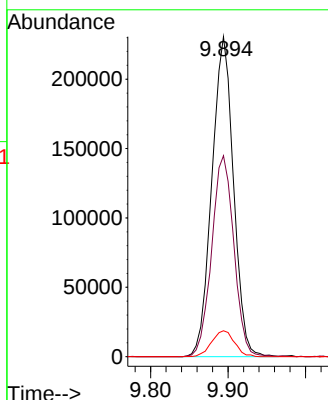
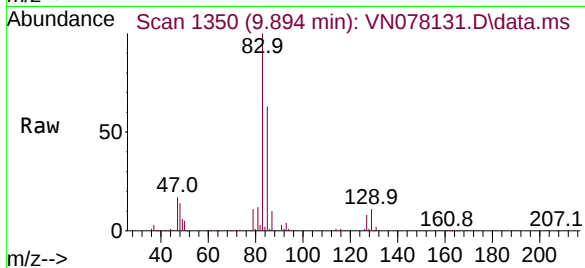
Ion	Ratio	Lower	Upper
83	100		
85	62.8	49.6	74.4
127	8.1	7.0	10.6

Manual Integrations

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Reviewed By :John Carlone 06/09/2023

Supervised By :Mahesh Dadoda 06/09/2023



#48

Methyl methacrylate

Concen: 56.740 ug/l

RT: 9.688 min Scan# 1315

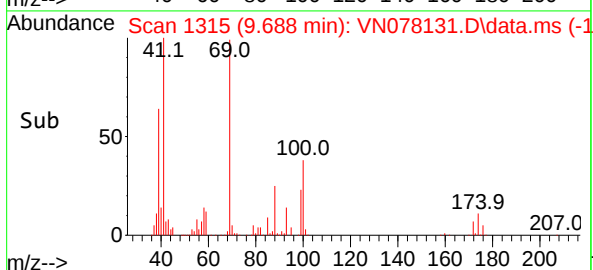
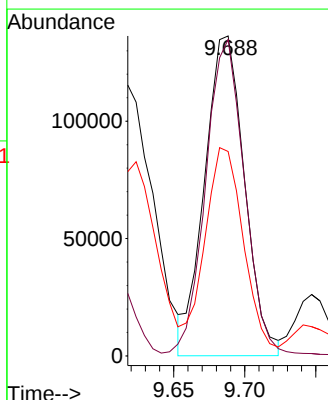
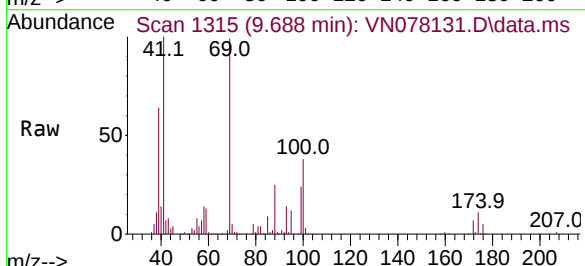
Delta R.T. -0.000 min

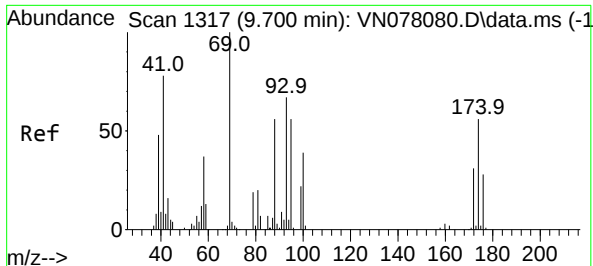
Lab File: VN078131.D

Acq: 08 Jun 2023 16:52

Tgt Ion: 41 Resp: 266680

Ion	Ratio	Lower	Upper
41	100		
69	97.2	90.4	135.6
39	64.3	54.6	81.8





#49

1,4-Dioxane

Concen: 959.439 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VN078131.D

Acq: 08 Jun 2023 16:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

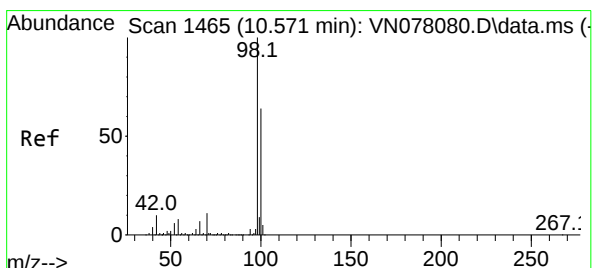
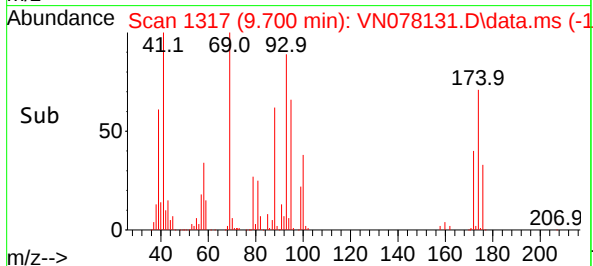
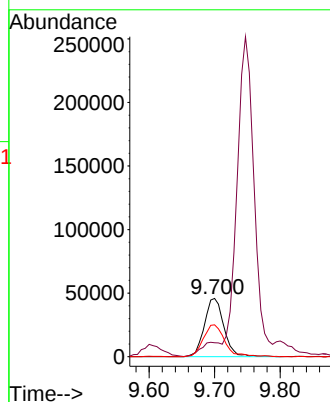
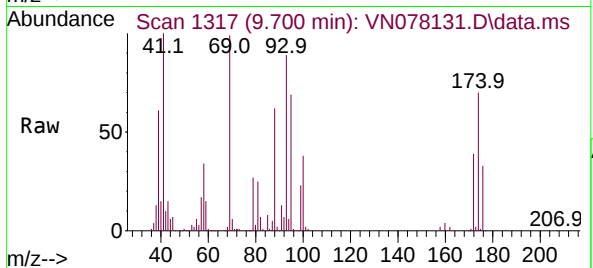
Tgt Ion:	88	Resp:	9477
Ion Ratio	Lower	Upper	
88	100		
43	22.5	17.0	25.6
58	60.8	47.0	70.4

Manual Integrations

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Reviewed By :John Carlone 06/09/2023

Supervised By :Mahesh Dadoda 06/09/2023



#50

Toluene-d8

Concen: 52.326 ug/l

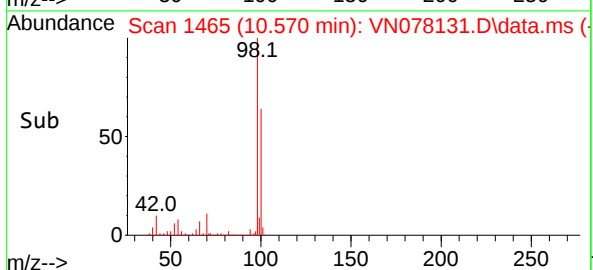
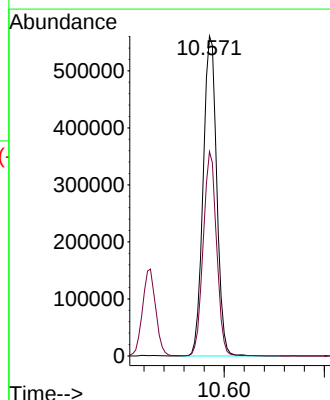
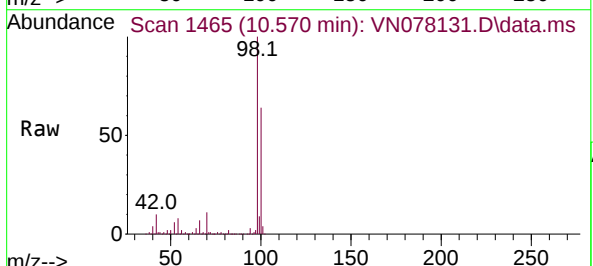
RT: 10.570 min Scan# 1465

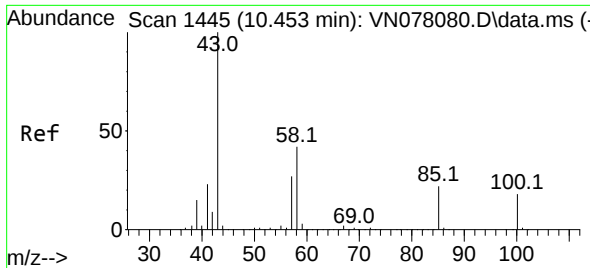
Delta R.T. -0.000 min

Lab File: VN078131.D

Acq: 08 Jun 2023 16:52

Tgt Ion:	98	Resp:	105424
Ion Ratio	Lower	Upper	
98	100		
100	63.0	52.0	78.0





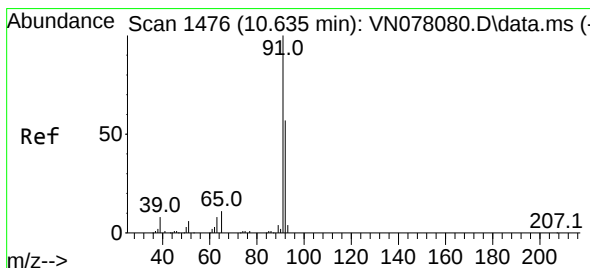
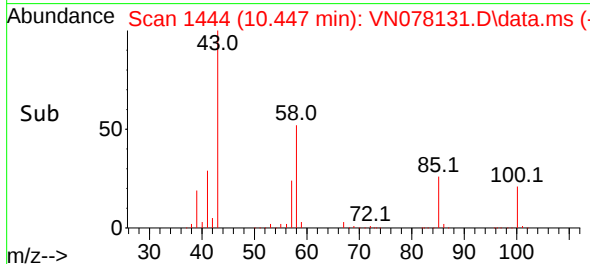
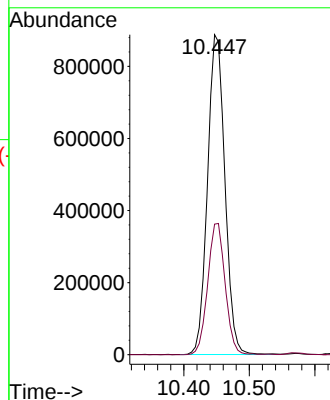
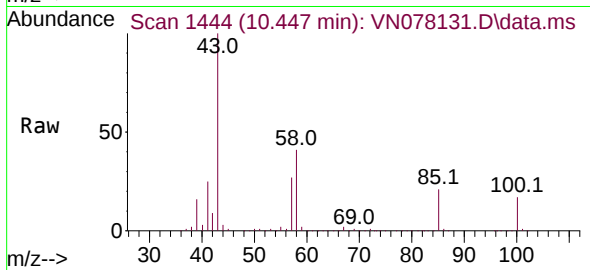
#51
4-Methyl-2-Pentanone
Concen: 277.757 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 163810
Ion Ratio Lower Upper
43 100
58 41.2 36.6 54.8

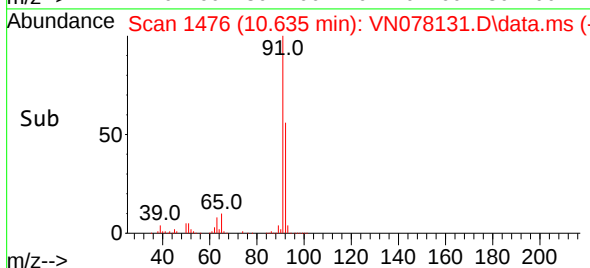
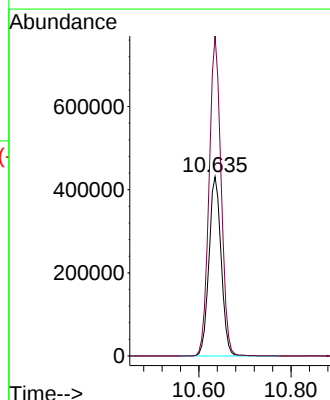
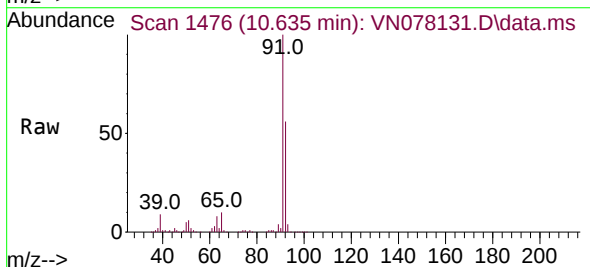
Manual Integrations
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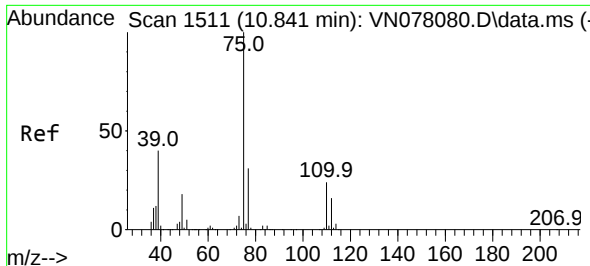
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023



#52
Toluene
Concen: 56.176 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

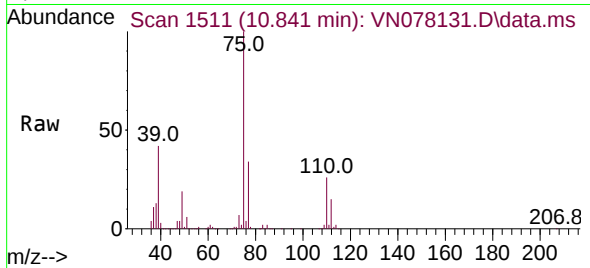
Tgt Ion: 92 Resp: 793770
Ion Ratio Lower Upper
92 100
91 176.2 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 59.868 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

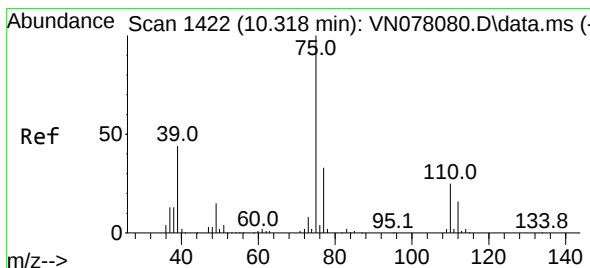
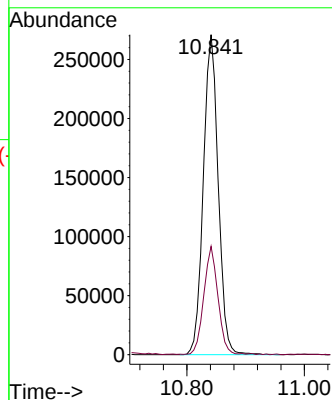
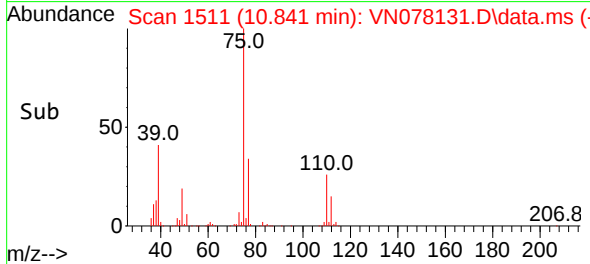
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 47499
Ion Ratio Lower Upper
75 100
77 33.8 25.4 38.0

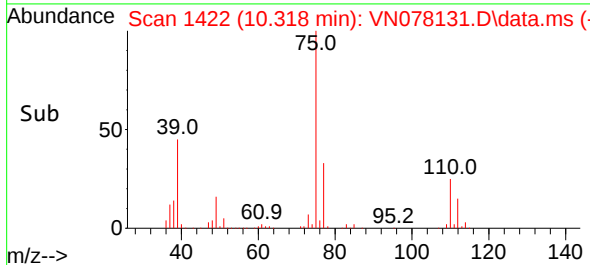
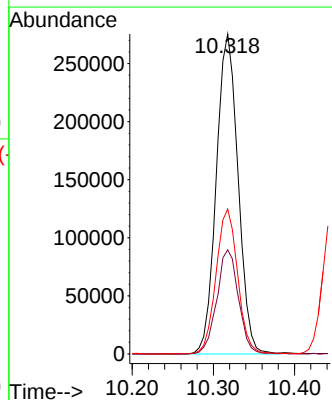
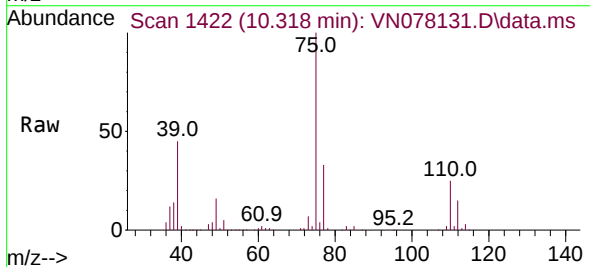
Manual Integrations
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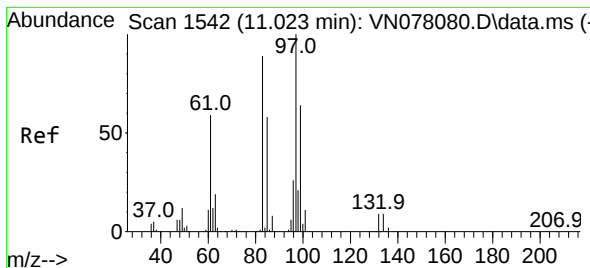
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023



#54
cis-1,3-Dichloropropene
Concen: 58.558 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

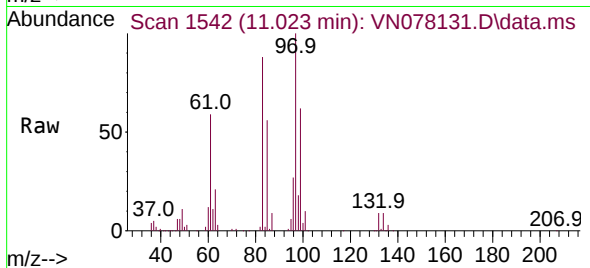
Tgt Ion: 75 Resp: 513582
Ion Ratio Lower Upper
75 100
77 32.6 26.1 39.1
39 45.2 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 57.606 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. -0.000 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

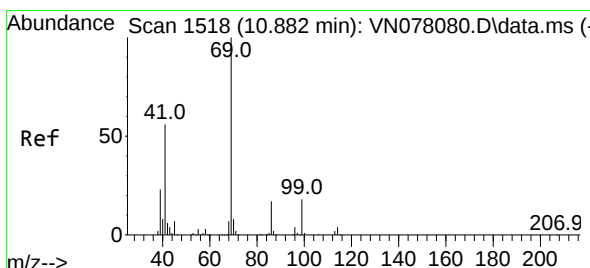
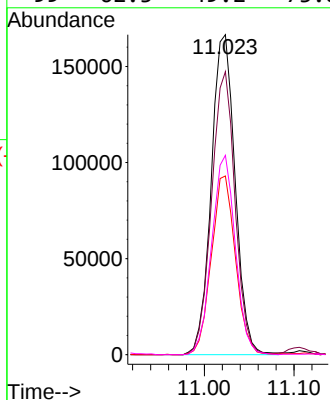
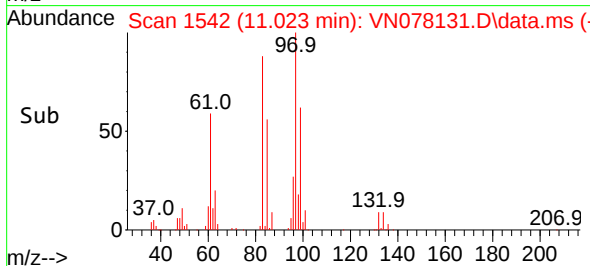
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



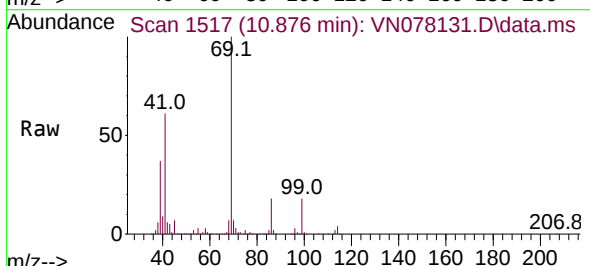
Tgt Ion: 97 Resp: 307910
Ion Ratio Lower Upper
97 100
83 88.4 65.1 97.7
85 55.9 43.4 65.2
99 62.3 49.2 73.8

Manual Integrations
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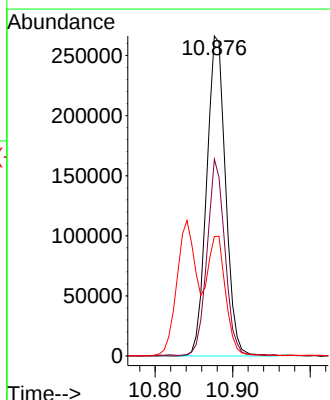
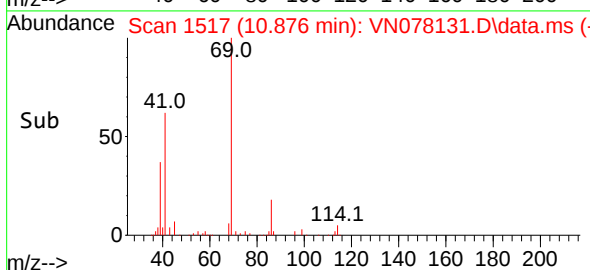
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023

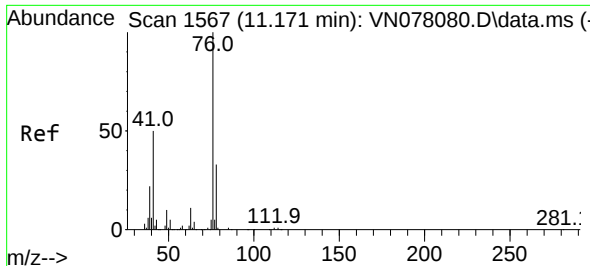


#56
Ethyl methacrylate
Concen: 57.948 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52



Tgt Ion: 69 Resp: 451017
Ion Ratio Lower Upper
69 100
41 57.7 39.6 59.4
39 36.3 28.6 43.0





#57

1,3-Dichloropropane

Concen: 57.715 ug/l

RT: 11.165 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VN078131.D

Acq: 08 Jun 2023 16:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 520730

Ion Ratio Lower Upper

76 100

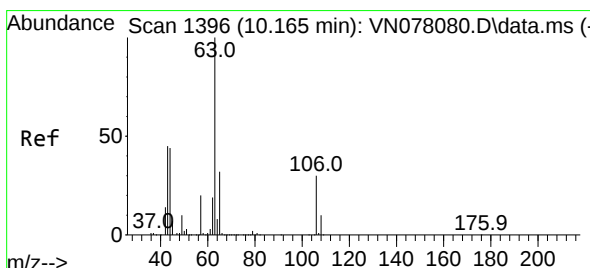
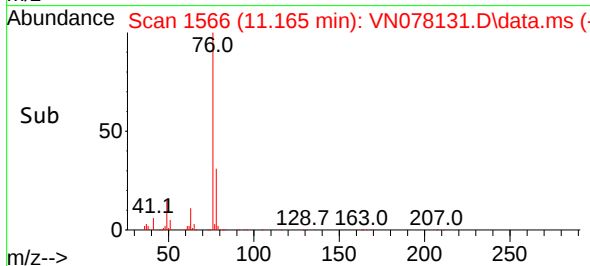
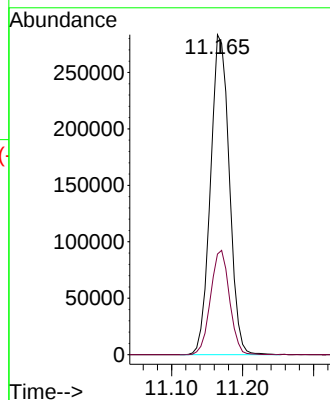
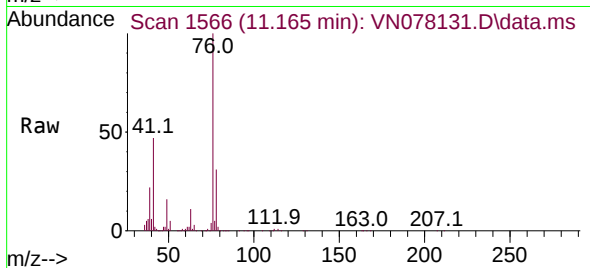
78 32.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2023

Supervised By :Mahesh Dadoda 06/09/2023



#58

2-Chloroethyl Vinyl ether

Concen: 311.491 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078131.D

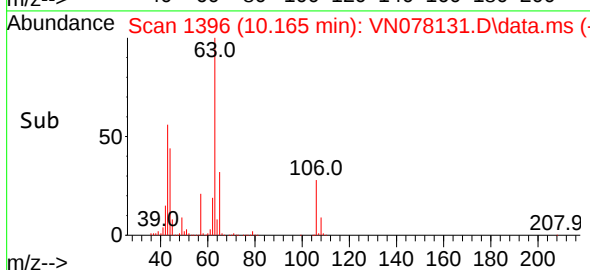
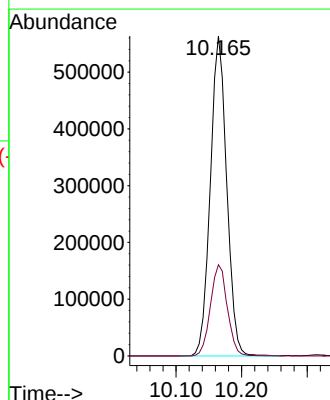
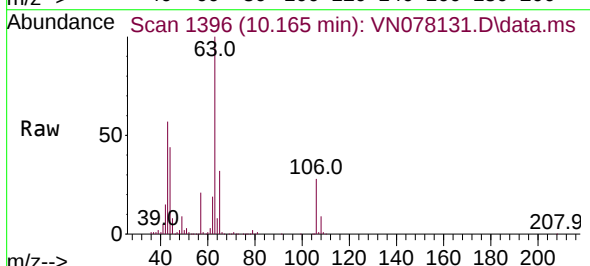
Acq: 08 Jun 2023 16:52

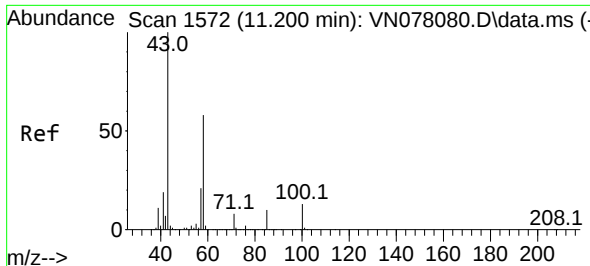
Tgt Ion: 63 Resp: 979368

Ion Ratio Lower Upper

63 100

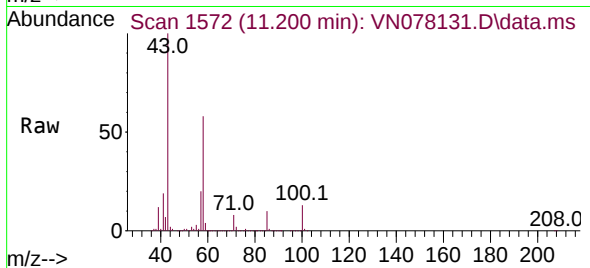
106 29.3 26.2 39.4





#59
2-Hexanone
Concen: 278.463 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

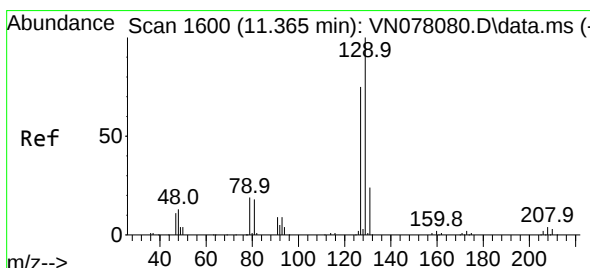
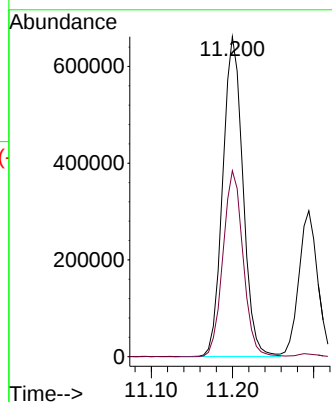
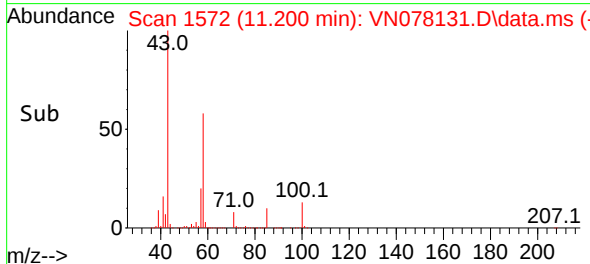
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 114349
Ion Ratio Lower Upper
43 100
58 57.9 31.7 95.1

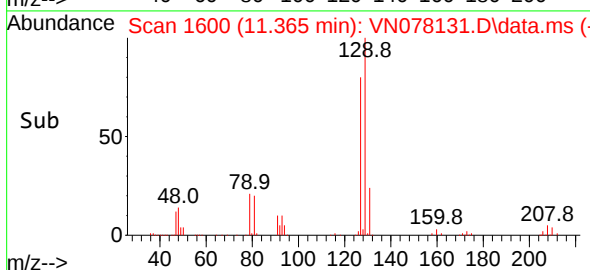
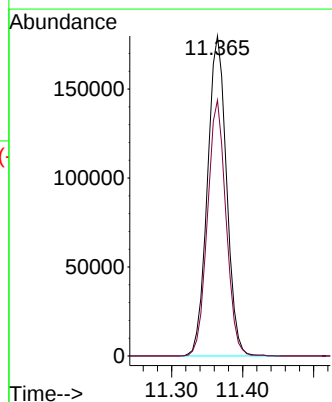
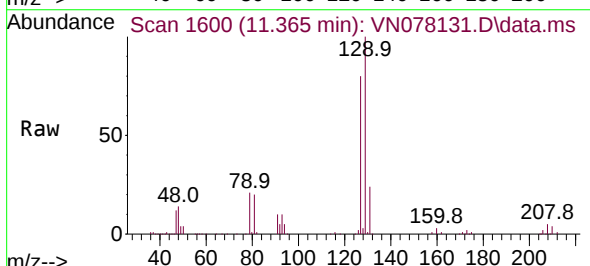
Manual Integrations
APPROVED

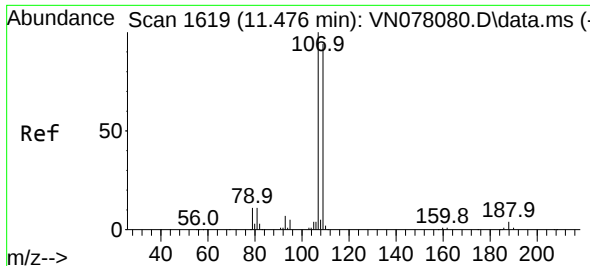
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023



#60
Dibromochloromethane
Concen: 57.278 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

Tgt Ion:129 Resp: 335022
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0





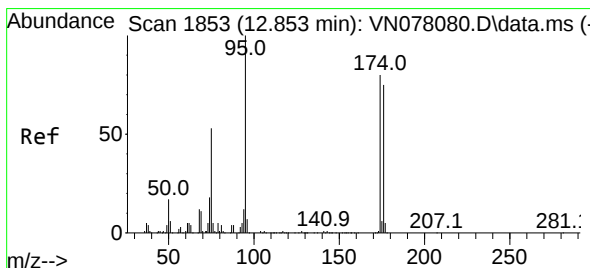
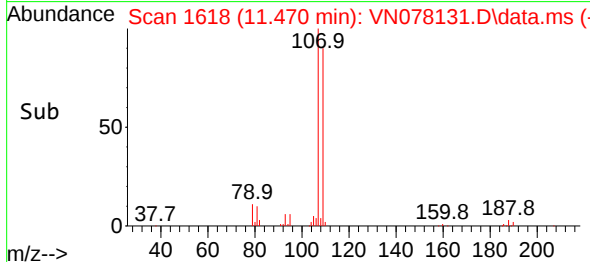
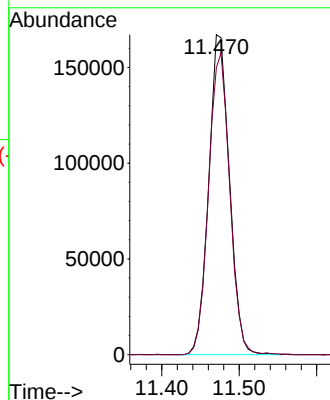
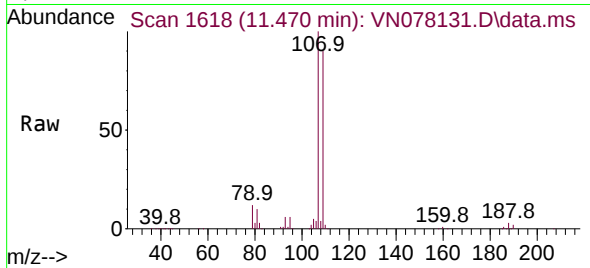
#61
1,2-Dibromoethane
Concen: 55.573 ug/l
RT: 11.470 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 311732
Ion Ratio Lower Upper
107 100
109 95.8 76.6 114.8

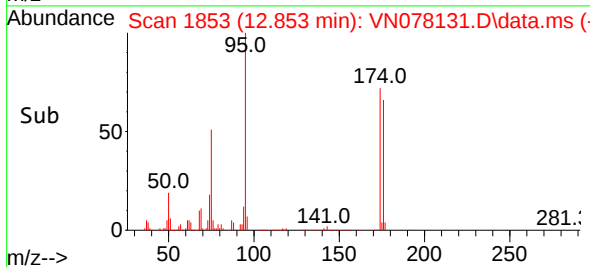
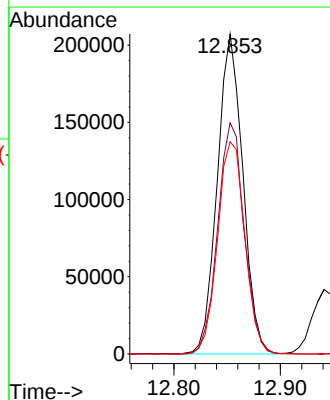
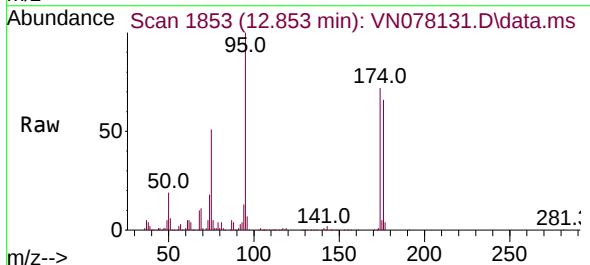
Manual Integrations
APPROVED

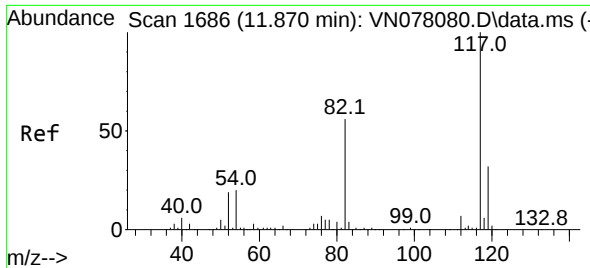
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023



#62
4-Bromofluorobenzene
Concen: 55.043 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

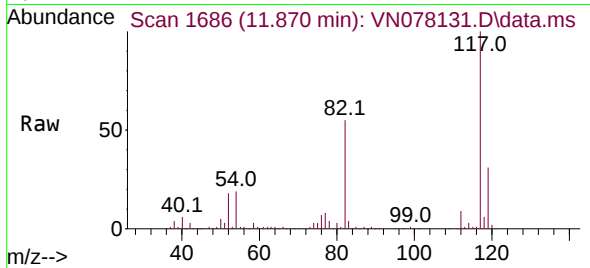
Tgt Ion: 95 Resp: 344756
Ion Ratio Lower Upper
95 100
174 74.7 0.0 143.8
176 70.8 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

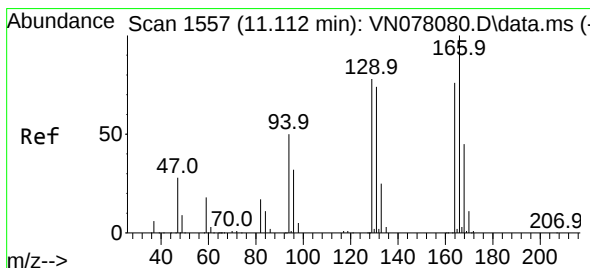
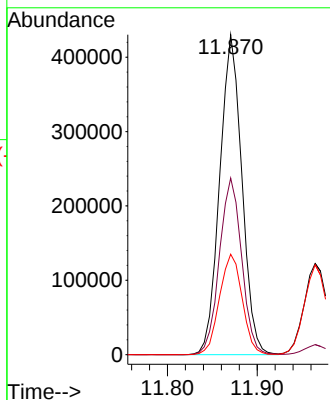
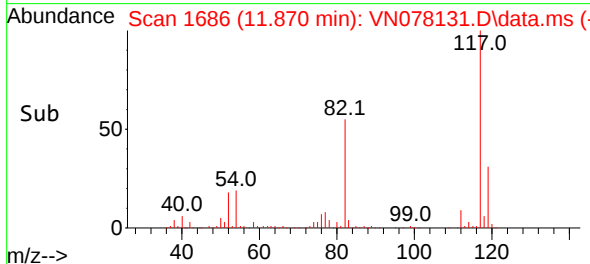
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 739239
Ion Ratio Lower Upper
117 100
82 55.2 44.0 66.0
119 31.4 25.6 38.4

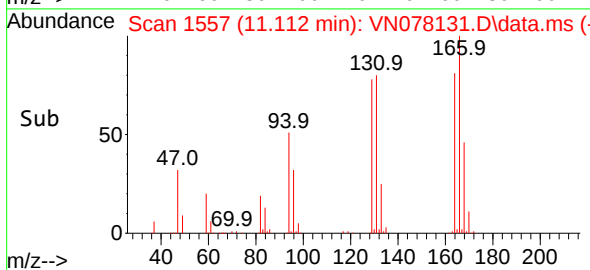
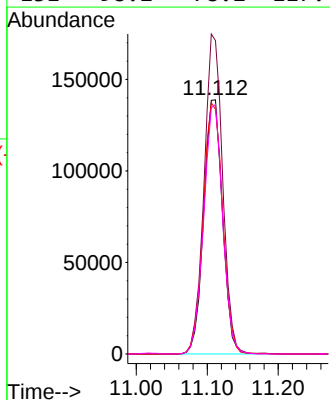
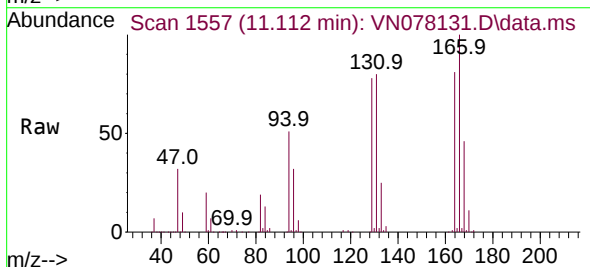
Manual Integrations
APPROVED

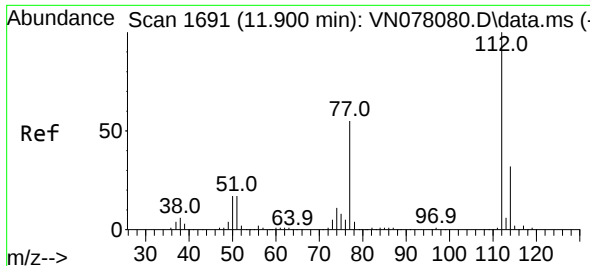
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023



#64
Tetrachloroethene
Concen: 51.785 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

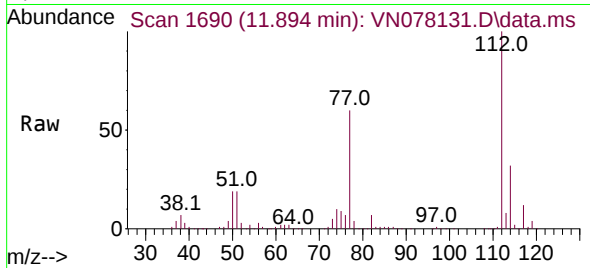
Tgt Ion:164 Resp: 255388
Ion Ratio Lower Upper
164 100
166 123.3 101.4 152.0
129 96.3 82.4 123.6
131 98.2 78.2 117.4





#65
Chlorobenzene
Concen: 53.433 ug/l
RT: 11.894 min Scan# 1691
Delta R.T. -0.006 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

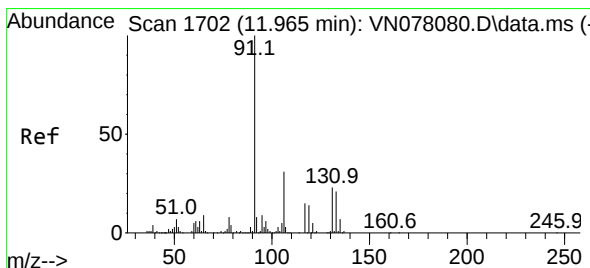
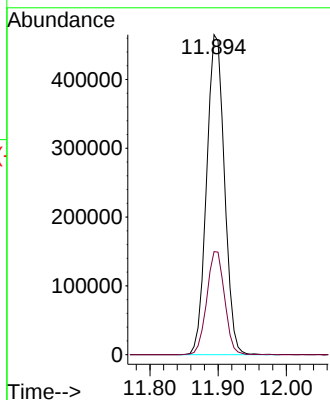
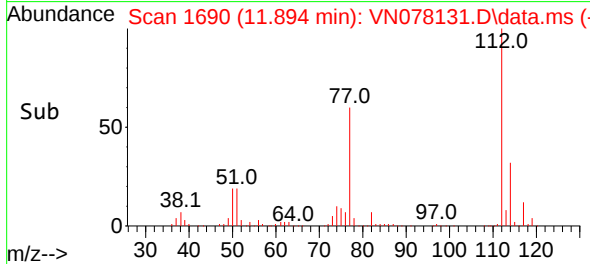
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 845911
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.4

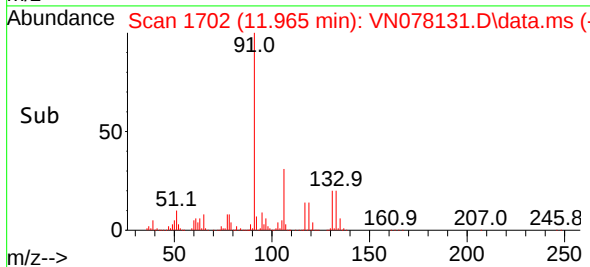
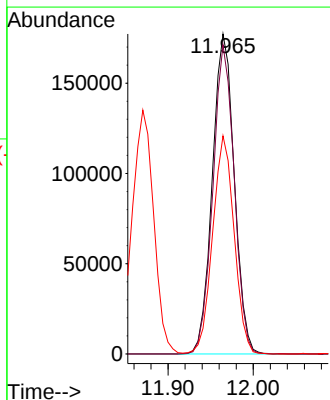
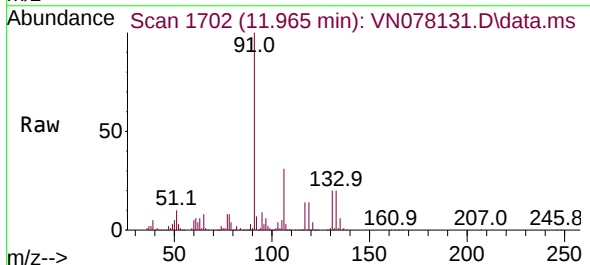
Manual Integrations
APPROVED

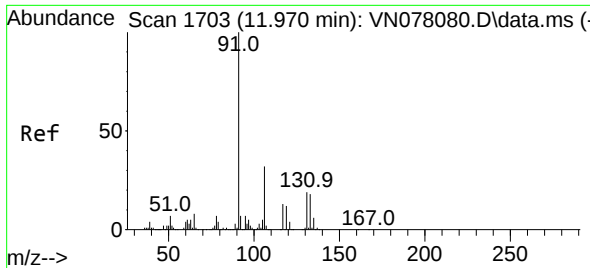
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 54.393 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

Tgt Ion:131 Resp: 316717
Ion Ratio Lower Upper
131 100
133 94.0 46.4 139.1
119 66.8 34.1 102.2





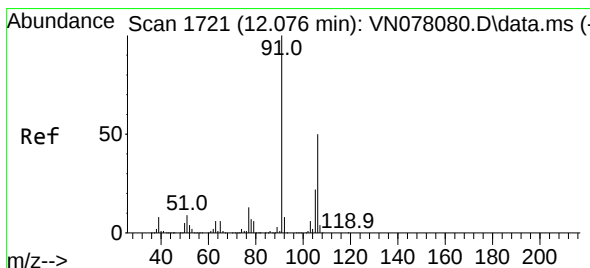
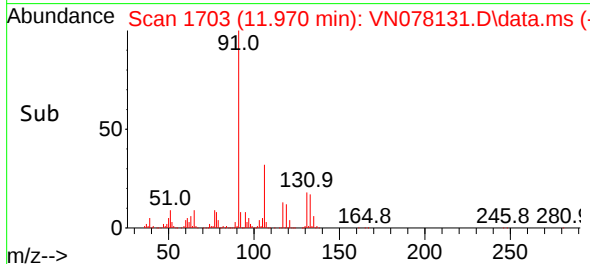
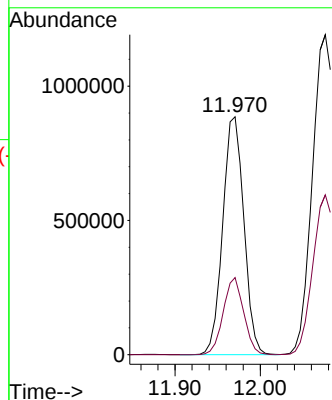
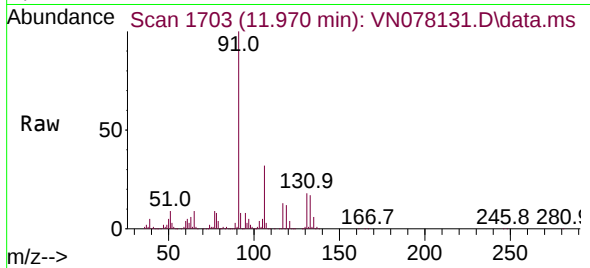
#67
Ethyl Benzene
Concen: 55.858 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 152584
Ion Ratio Lower Upper
91 100
106 32.4 25.6 38.4

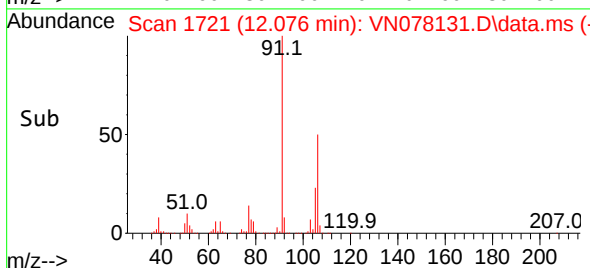
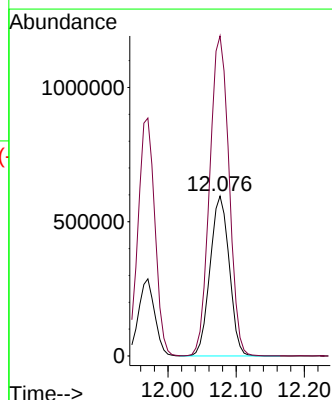
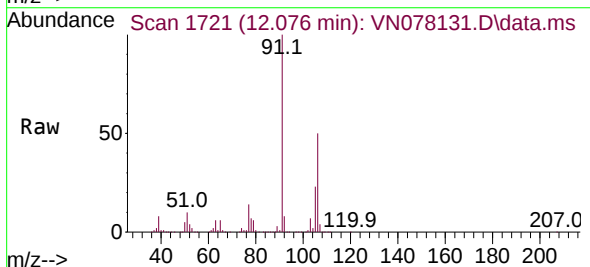
Manual Integrations
APPROVED

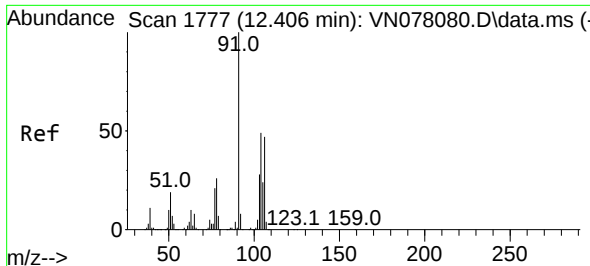
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023



#68
m/p-Xylenes
Concen: 111.729 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

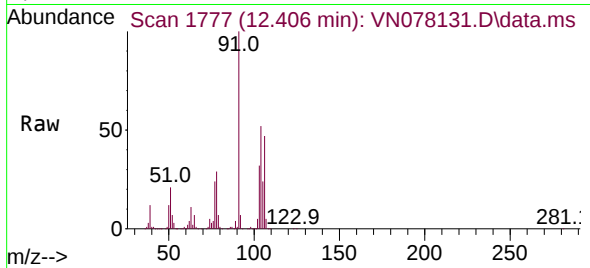
Tgt Ion:106 Resp: 1163141
Ion Ratio Lower Upper
106 100
91 202.5 159.6 239.4





#69
o-Xylene
Concen: 56.235 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

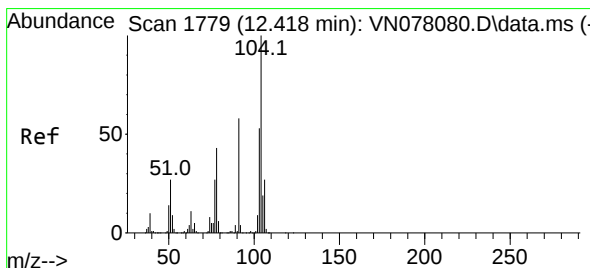
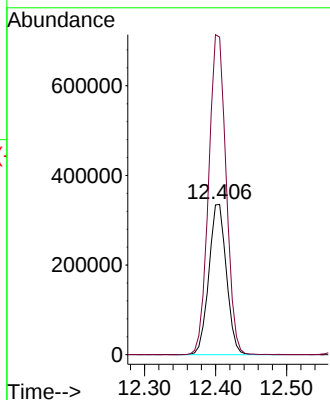
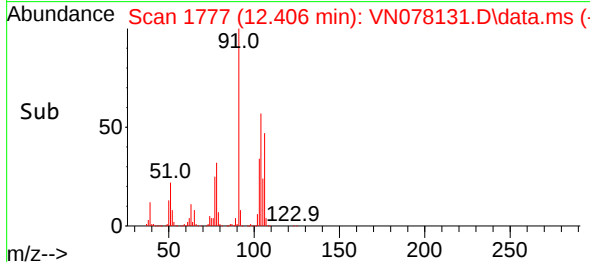
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



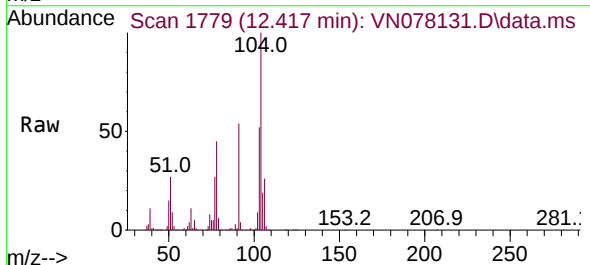
Tgt Ion:106 Resp: 57490
Ion Ratio Lower Upper
106 100
91 212.4 105.2 315.5

Manual Integrations
APPROVED

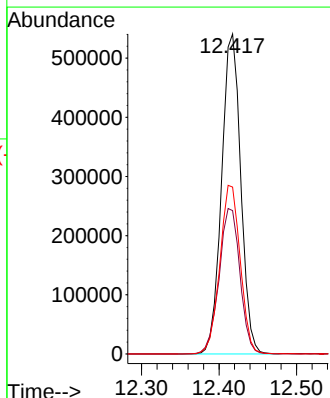
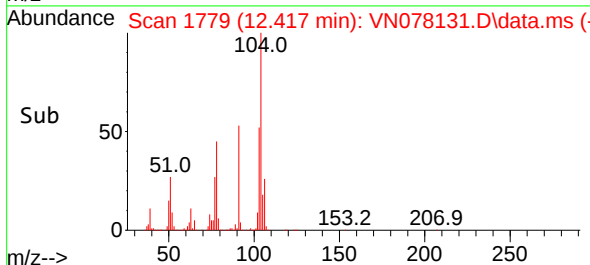
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023

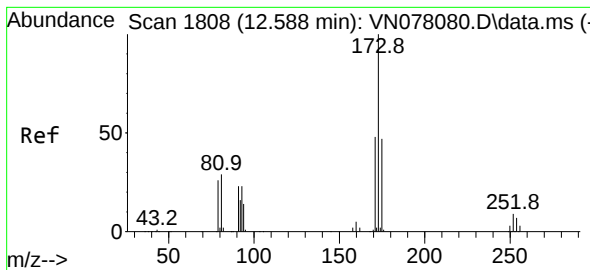


#70
Styrene
Concen: 57.824 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52



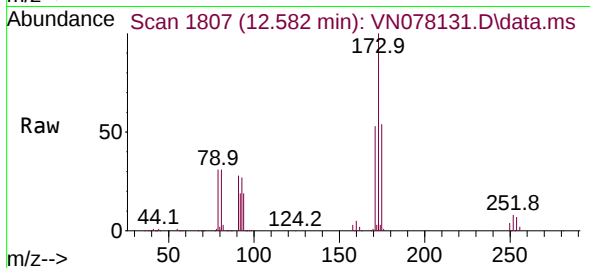
Tgt Ion:104 Resp: 930641
Ion Ratio Lower Upper
104 100
78 49.5 39.5 59.3
103 56.1 43.2 64.8





#71
Bromoform
Concen: 56.561 ug/l
RT: 12.582 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

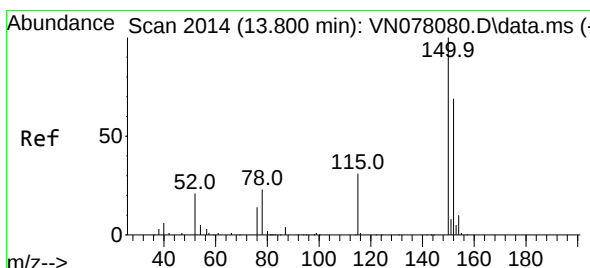
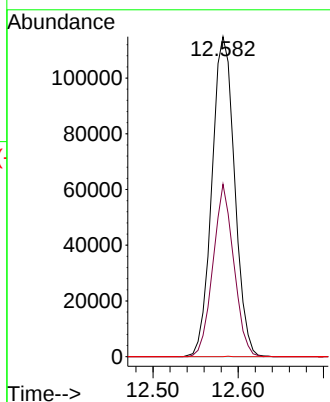
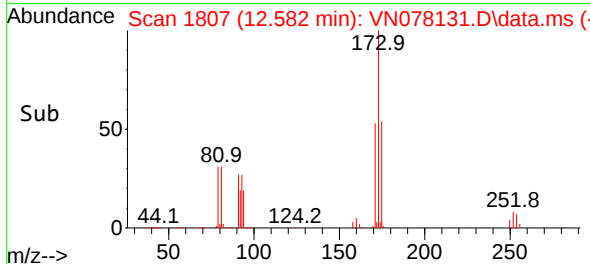
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



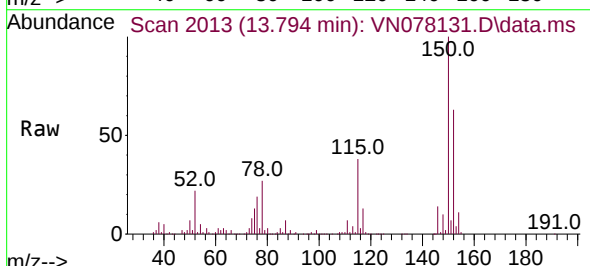
Tgt Ion:173 Resp: 21253
Ion Ratio Lower Upper
173 100
175 49.4 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

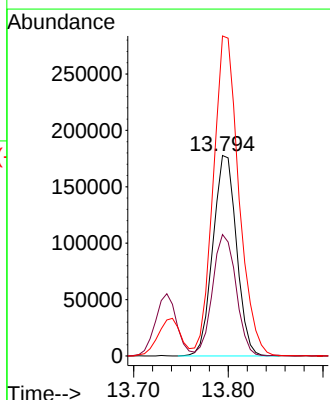
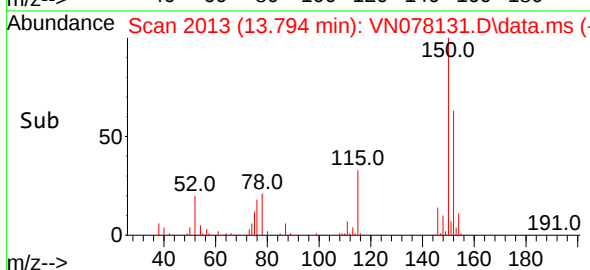
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023

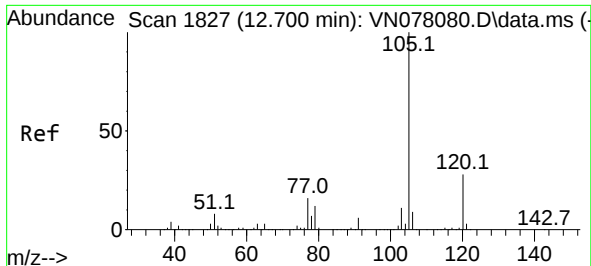


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52



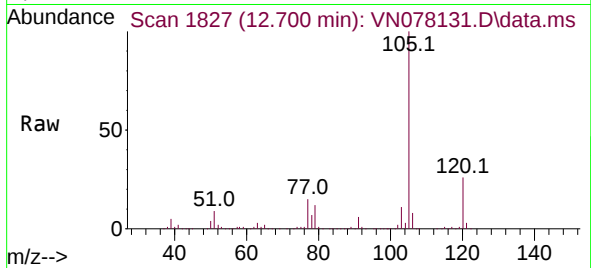
Tgt Ion:152 Resp: 307492
Ion Ratio Lower Upper
152 100
115 60.1 32.3 96.8
150 173.7 0.0 355.8





#73
Isopropylbenzene
Concen: 49.050 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

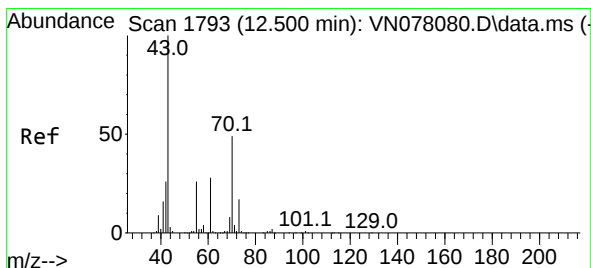
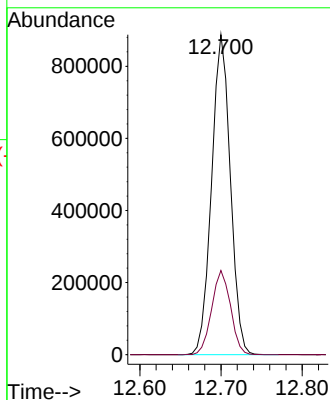
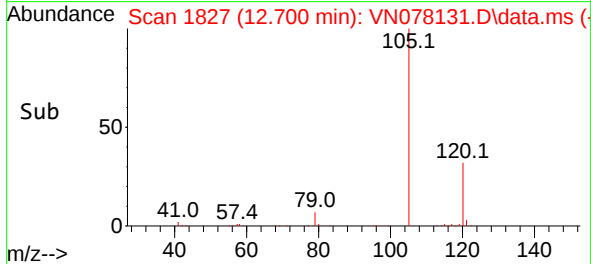
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 142625
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1

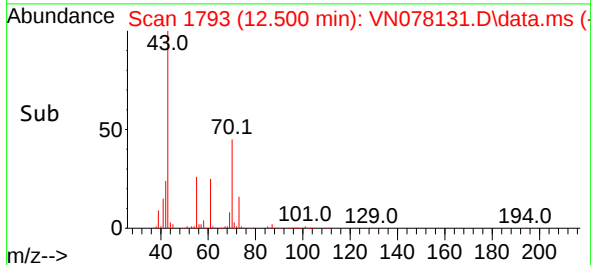
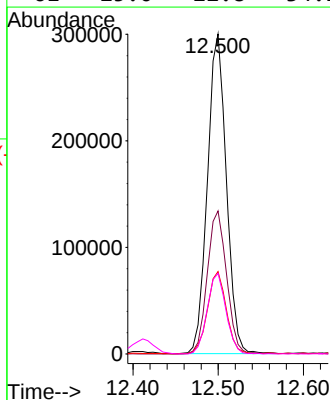
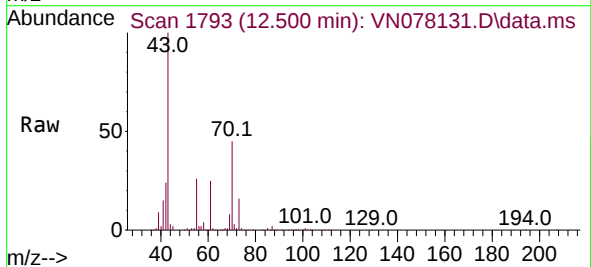
Manual Integrations
APPROVED

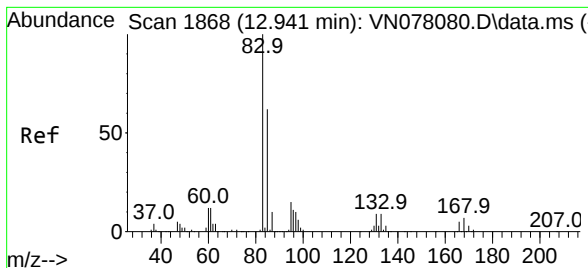
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023



#74
N-ethyl acetate
Concen: 48.423 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

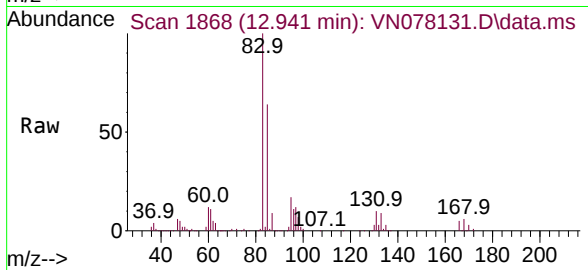
Tgt Ion: 43 Resp: 463661
Ion Ratio Lower Upper
43 100
70 45.7 43.4 65.2
55 25.6 21.4 32.0
61 25.0 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 53.490 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

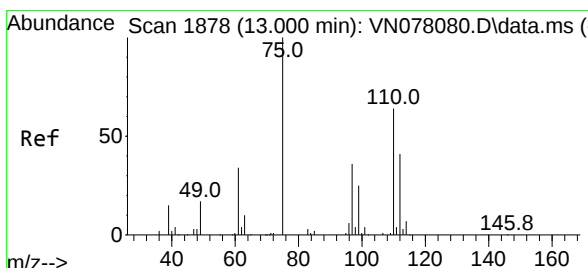
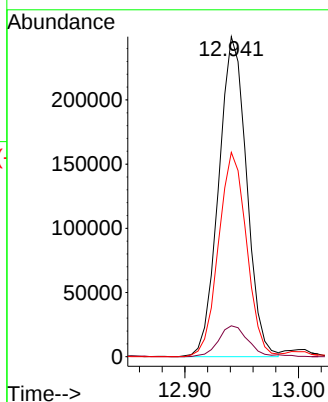
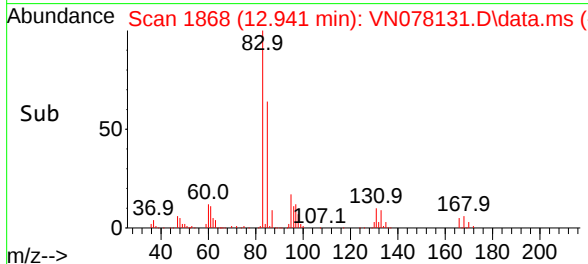
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



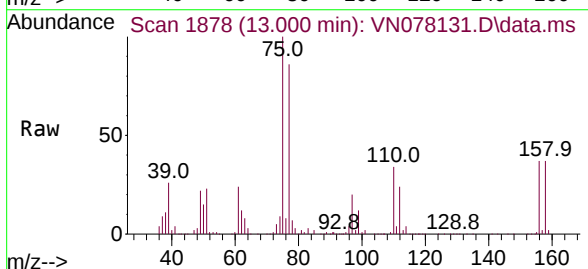
Tgt Ion: 83 Resp: 426415
Ion Ratio Lower Upper
83 100
131 10.4 5.0 15.0
85 63.9 31.9 95.7

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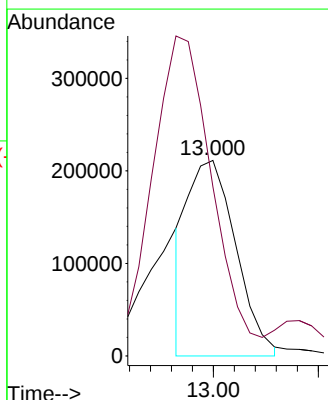
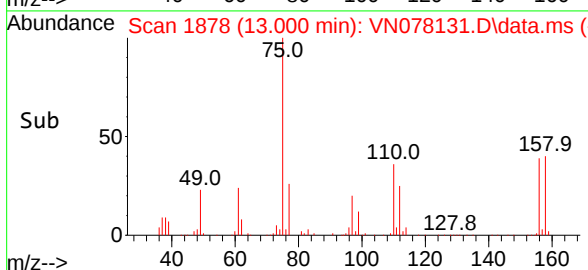
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023

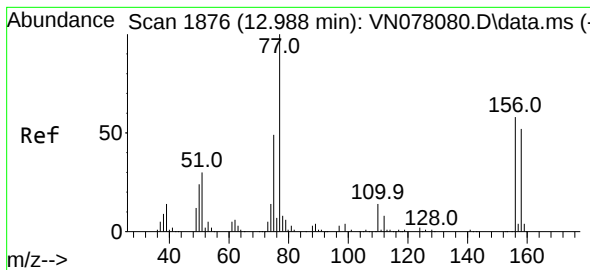


#76
1,2,3-Trichloropropane
Concen: 46.541 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52



Tgt Ion: 75 Resp: 338315
Ion Ratio Lower Upper
75 100
77 205.6 84.5 253.5





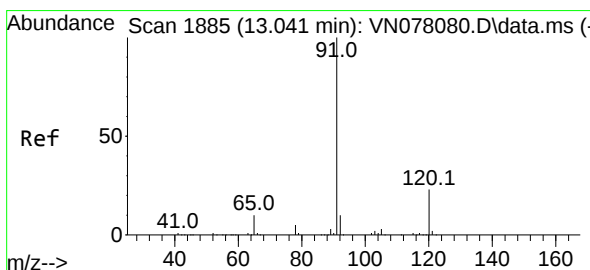
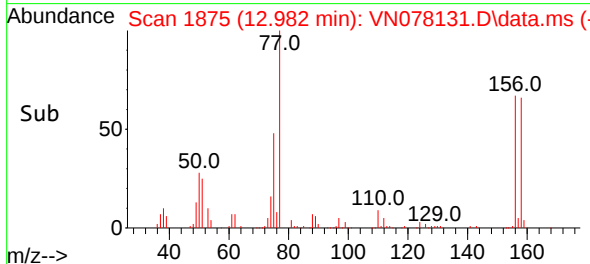
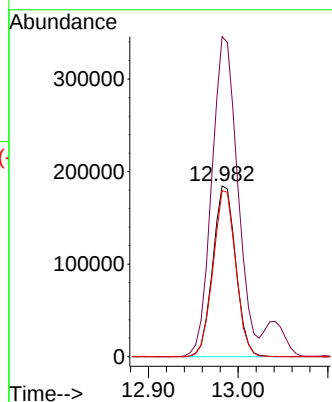
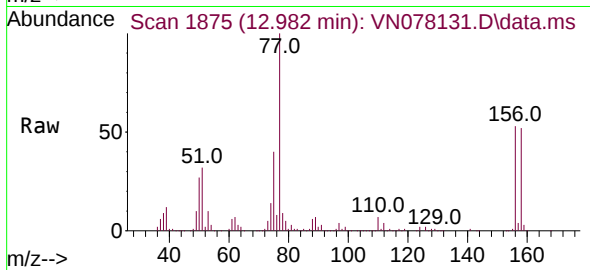
#77
Bromobenzene
Concen: 48.397 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 32667
Ion Ratio Lower Upper
156 100
77 213.0 107.7 323.3
158 96.5 48.4 145.3

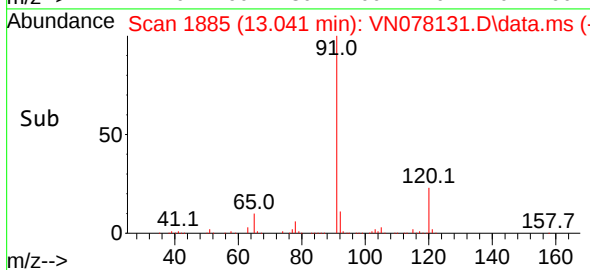
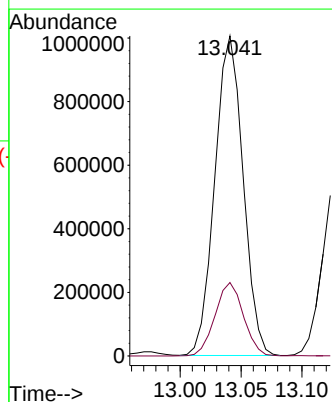
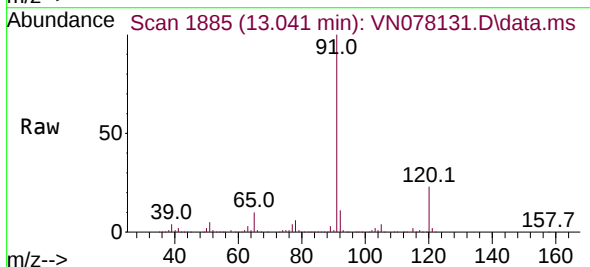
Manual Integrations
APPROVED

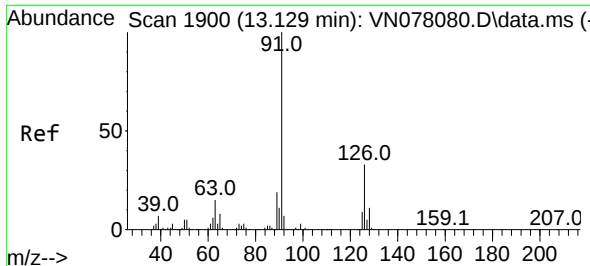
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023



#78
n-propylbenzene
Concen: 51.432 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

Tgt Ion: 91 Resp: 1624838
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.4





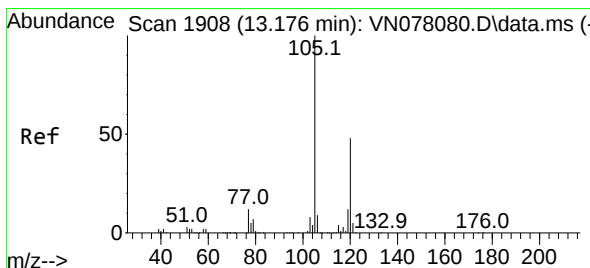
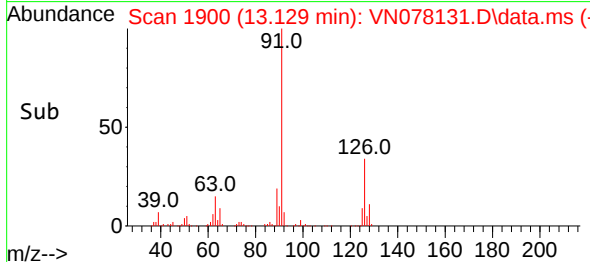
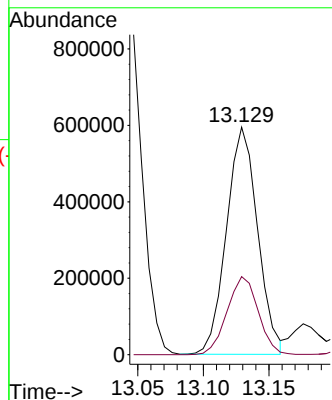
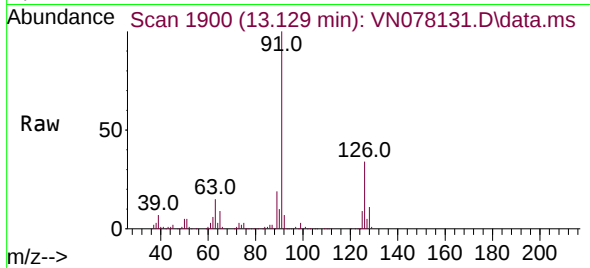
#79
2-Chlorotoluene
Concen: 48.200 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 982910
Ion Ratio Lower Upper
91 100
126 34.4 16.3 48.8

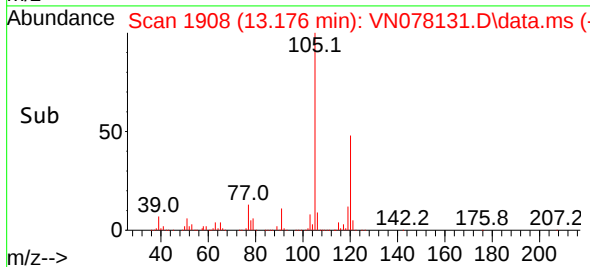
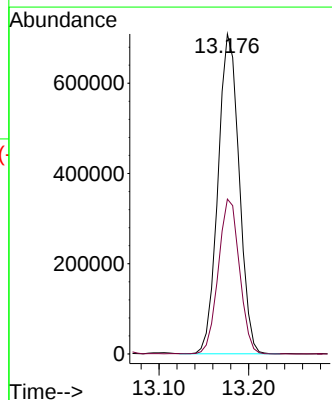
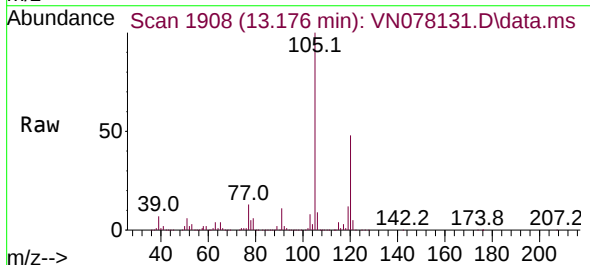
Manual Integrations
APPROVED

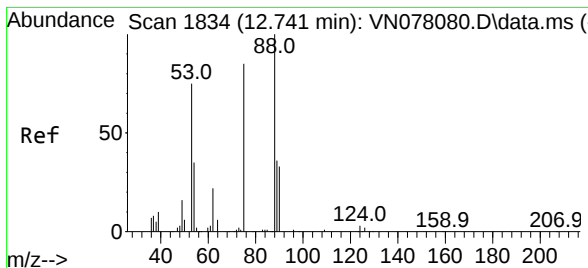
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.188 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

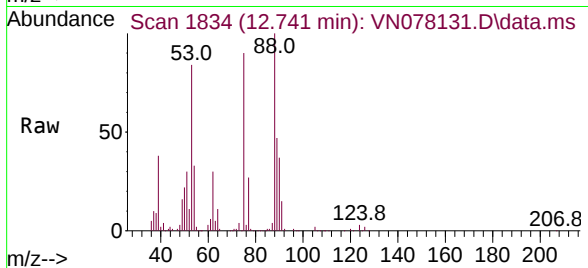
Tgt Ion:105 Resp: 1157964
Ion Ratio Lower Upper
105 100
120 48.4 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 54.096 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

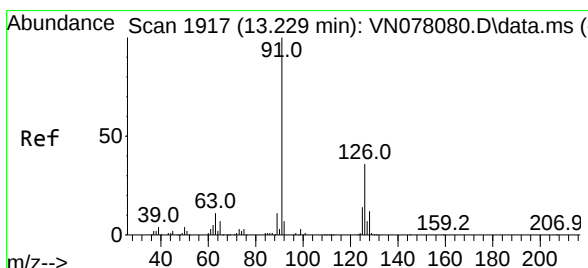
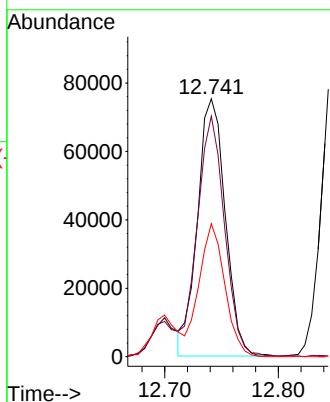
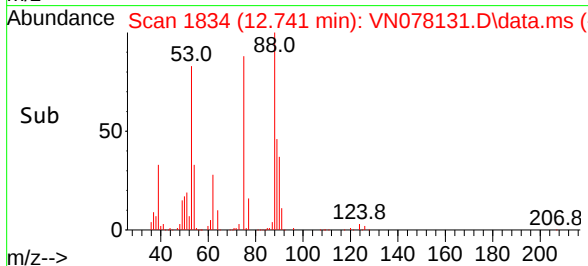
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



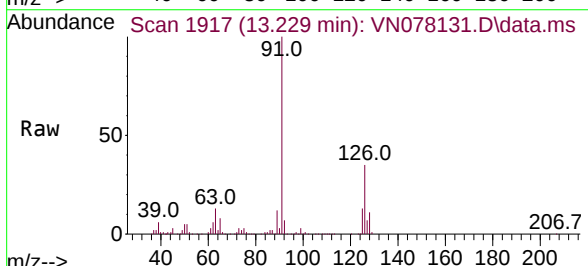
Tgt Ion: 75 Resp: 127994
Ion Ratio Lower Upper
75 100
53 91.4 67.4 101.2
89 47.6 38.8 58.2

Manual Integrations
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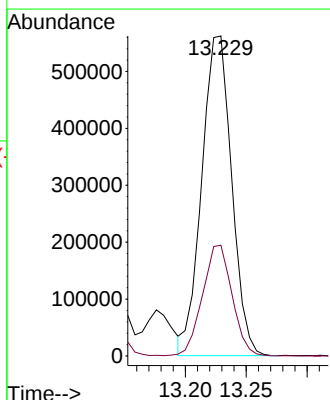
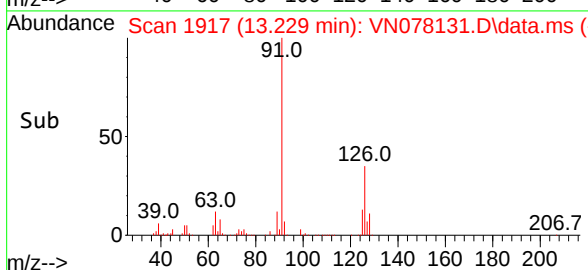
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023

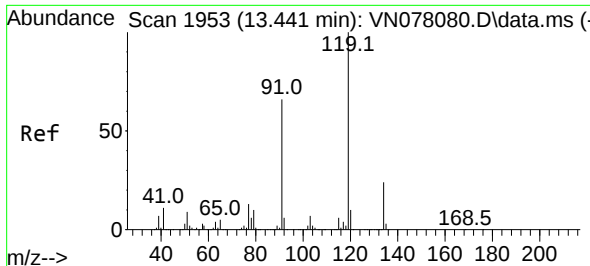


#82
4-Chlorotoluene
Concen: 50.500 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52



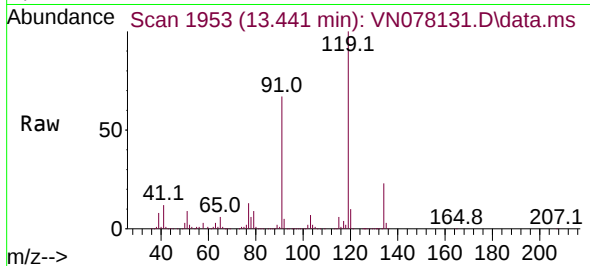
Tgt Ion: 91 Resp: 961124
Ion Ratio Lower Upper
91 100
126 34.4 16.7 50.0





#83
tert-Butylbenzene
Concen: 47.825 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

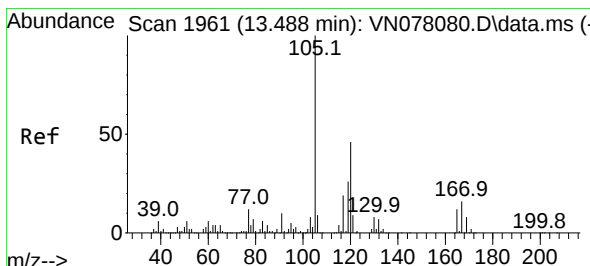
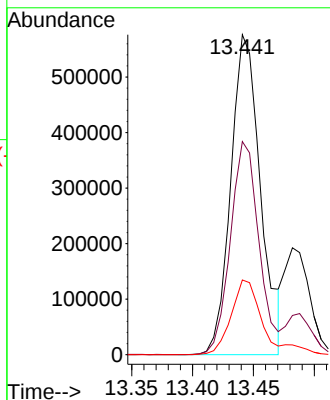
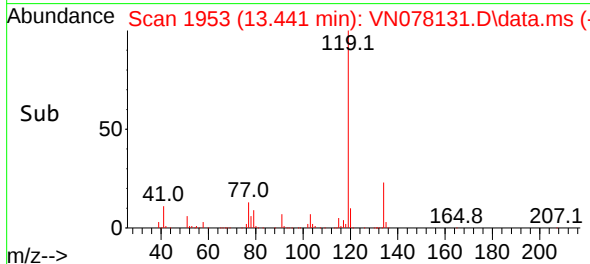
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 978690
Ion Ratio Lower Upper
119 100
91 64.1 33.9 101.7
134 25.0 13.2 39.6

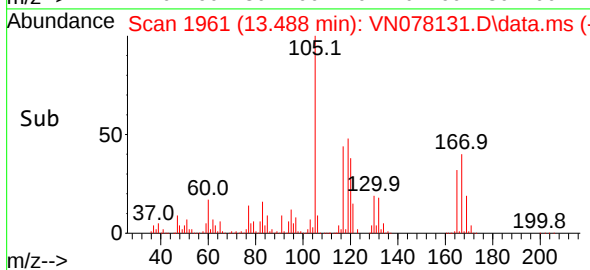
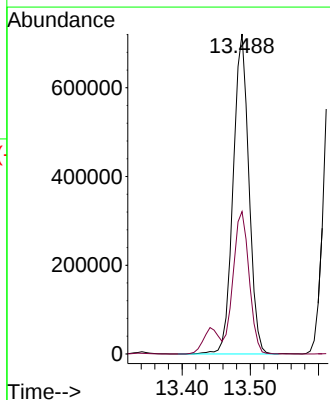
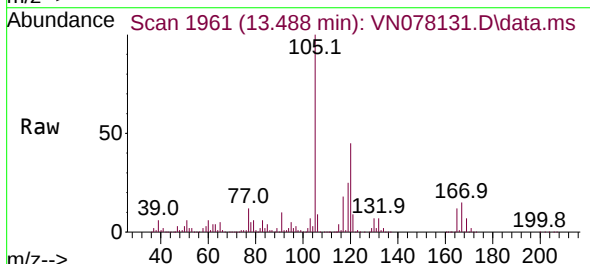
Manual Integrations
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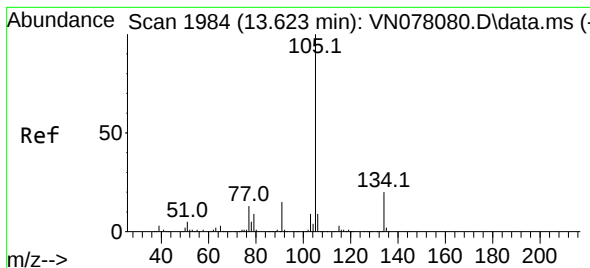
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023



#84
1,2,4-Trimethylbenzene
Concen: 50.655 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

Tgt Ion:105 Resp: 1156145
Ion Ratio Lower Upper
105 100
120 45.2 22.0 66.0





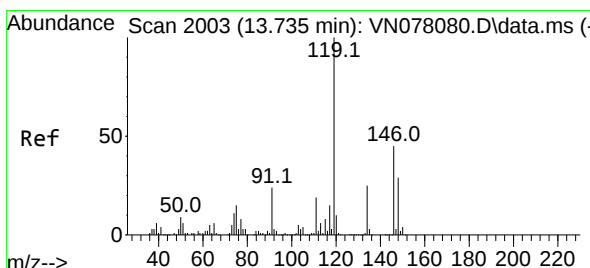
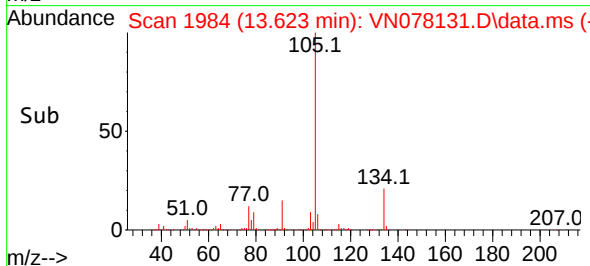
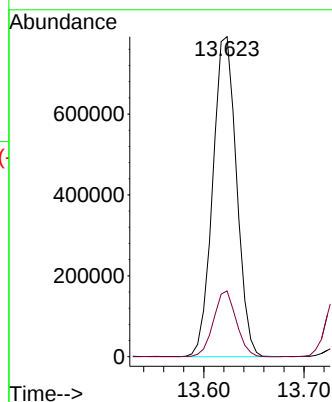
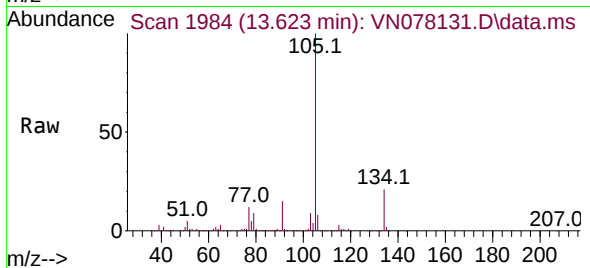
#85
 sec-Butylbenzene
 Concen: 48.723 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN078131.D
 Acq: 08 Jun 2023 16:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 130500
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3

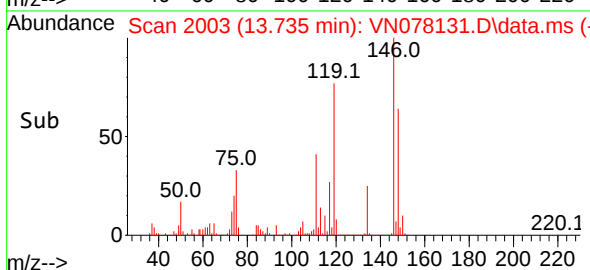
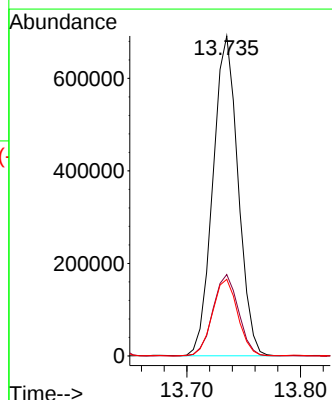
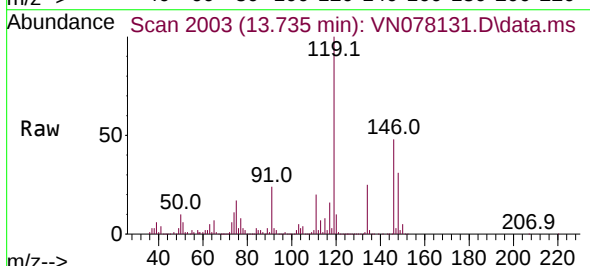
Manual Integrations
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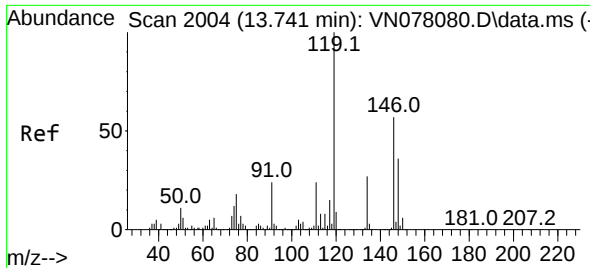
Reviewed By :John Carlone 06/09/2023
 Supervised By :Mahesh Dadoda 06/09/2023



#86
 p-Isopropyltoluene
 Concen: 48.975 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078131.D
 Acq: 08 Jun 2023 16:52

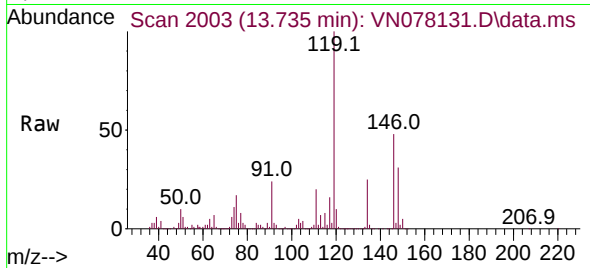
Tgt Ion:119 Resp: 1064499
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 24.3 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 50.078 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

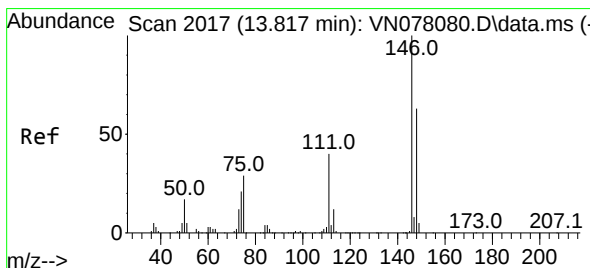
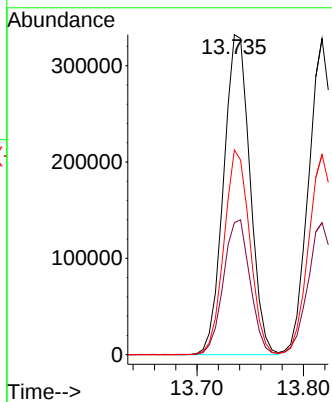
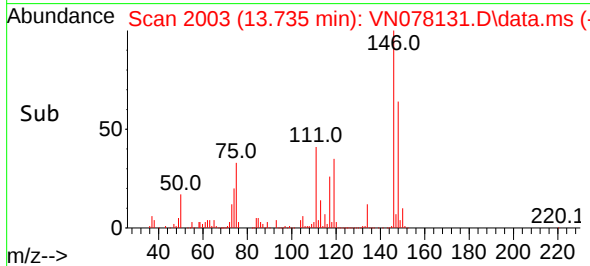
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



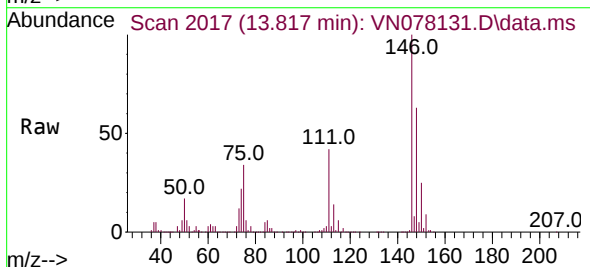
Tgt Ion:146 Resp: 571778
Ion Ratio Lower Upper
146 100
111 42.3 22.1 66.3
148 62.4 32.0 96.0

Manual Integrations
APPROVED

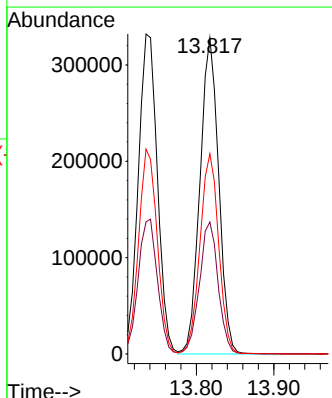
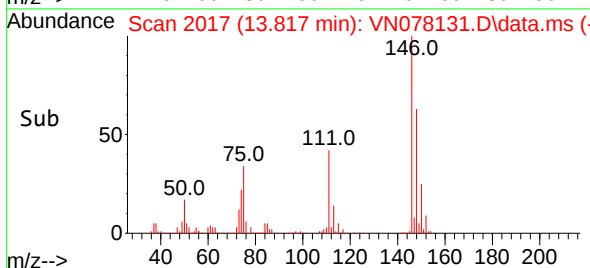
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023

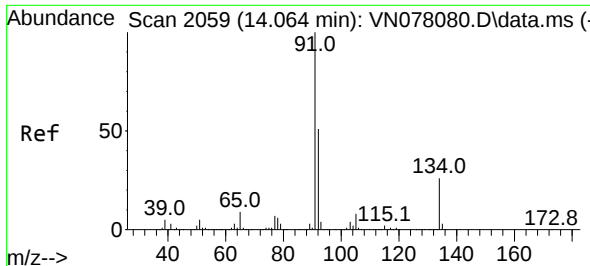


#88
1,4-Dichlorobenzene
Concen: 49.928 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52



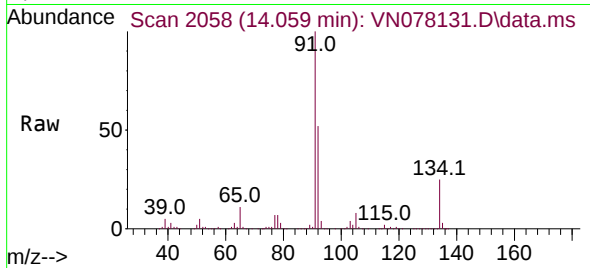
Tgt Ion:146 Resp: 550075
Ion Ratio Lower Upper
146 100
111 41.8 20.6 61.8
148 63.4 31.6 94.8





#89
n-Butylbenzene
Concen: 50.259 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

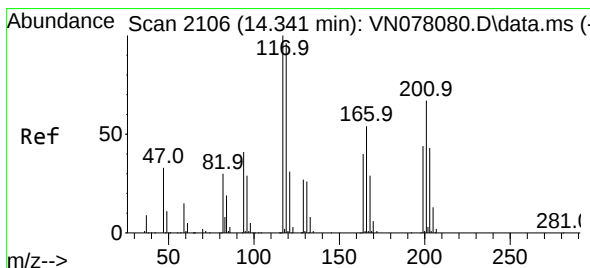
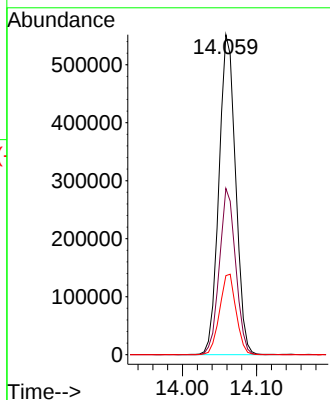
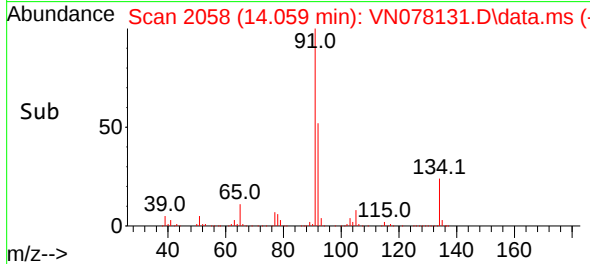
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 861644
Ion Ratio Lower Upper
91 100
92 50.6 26.4 79.0
134 24.9 12.6 37.6

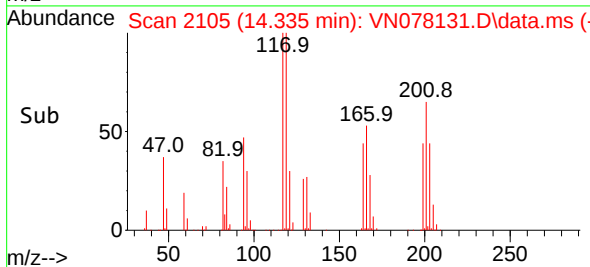
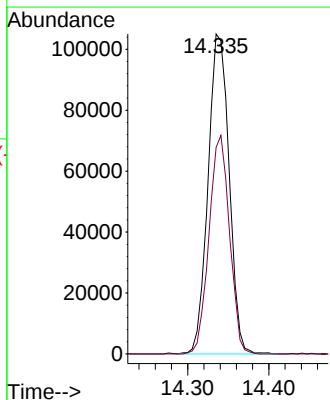
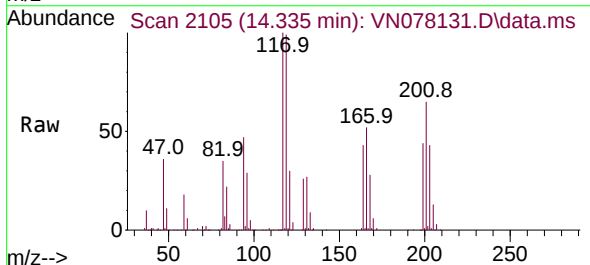
Manual Integrations
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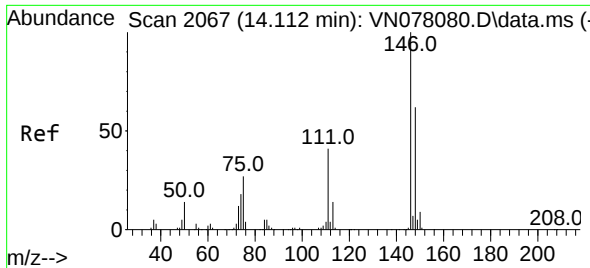
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023



#90
Hexachloroethane
Concen: 49.086 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

Tgt Ion:117 Resp: 189337
Ion Ratio Lower Upper
117 100
201 66.4 29.3 88.0





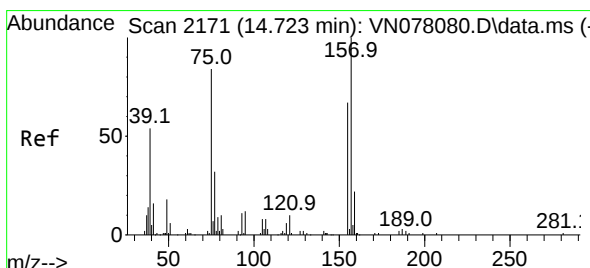
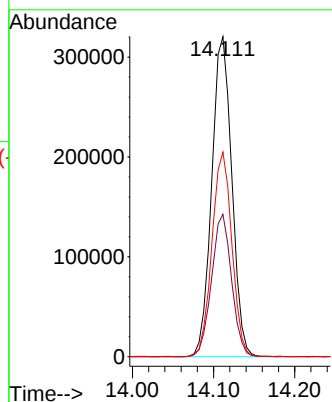
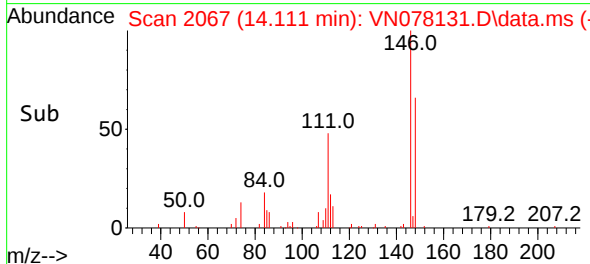
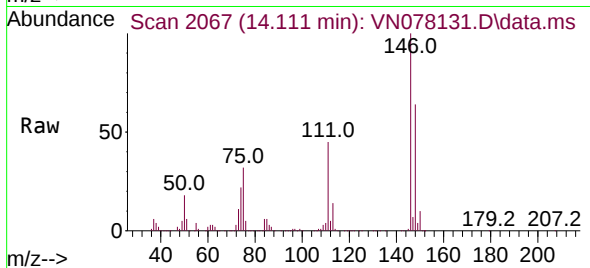
#91
1,2-Dichlorobenzene
Concen: 49.363 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 550820
Ion Ratio Lower Upper
146 100
111 44.4 22.0 66.0
148 63.4 31.8 95.3

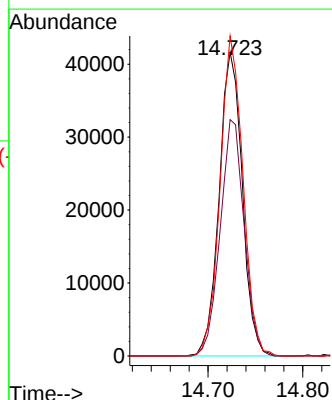
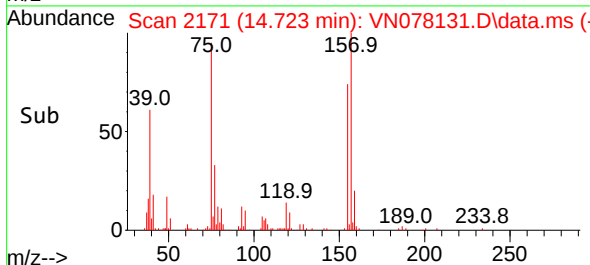
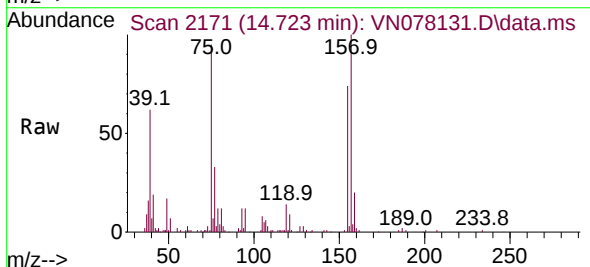
Manual Integrations
APPROVED

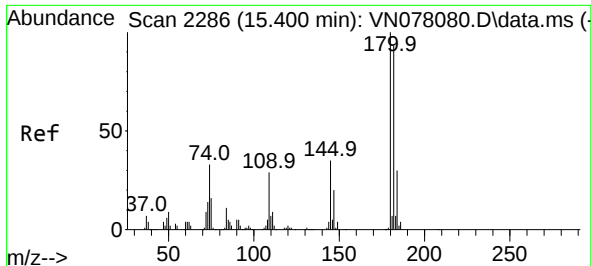
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.992 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

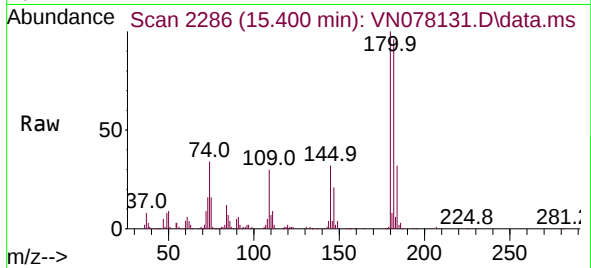
Tgt Ion: 75 Resp: 70562
Ion Ratio Lower Upper
75 100
155 80.6 39.1 117.2
157 104.1 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 54.558 ug/l
RT: 15.400 min Scan# 21691
Delta R.T. -0.000 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52

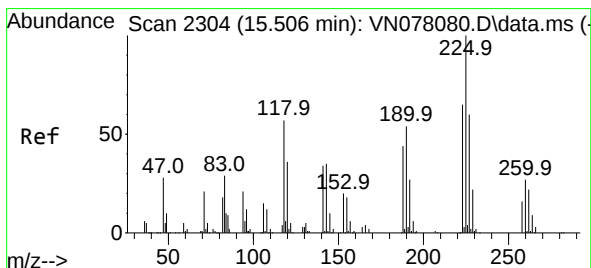
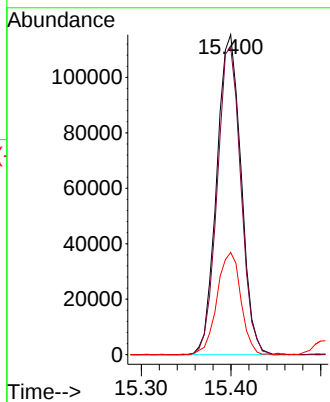
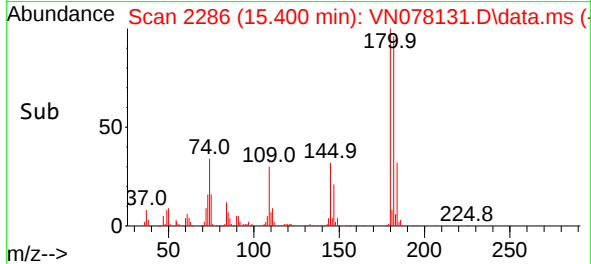
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



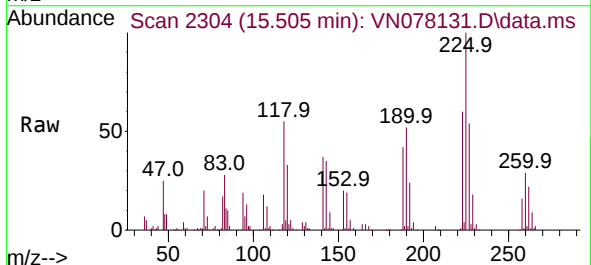
Tgt Ion:180 Resp: 21691
Ion Ratio Lower Upper
180 100
182 94.0 46.1 138.2
145 31.4 16.6 49.8

Manual Integrations
APPROVED

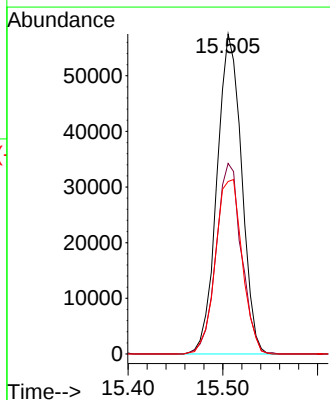
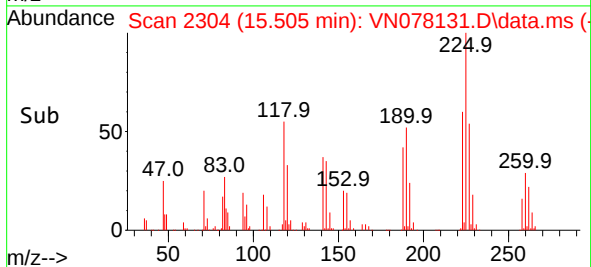
Reviewed By :John Carlone 06/09/2023
Supervised By :Mahesh Dadoda 06/09/2023

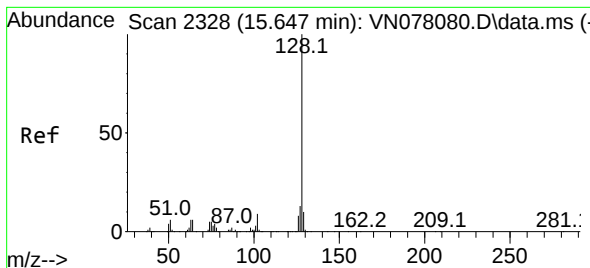


#94
Hexachlorobutadiene
Concen: 53.515 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.001 min
Lab File: VN078131.D
Acq: 08 Jun 2023 16:52



Tgt Ion:225 Resp: 103926
Ion Ratio Lower Upper
225 100
223 61.3 31.3 93.8
227 59.3 31.9 95.9





#95

Naphthalene

Concen: 51.875 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN078131.D

Acq: 08 Jun 2023 16:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 693754

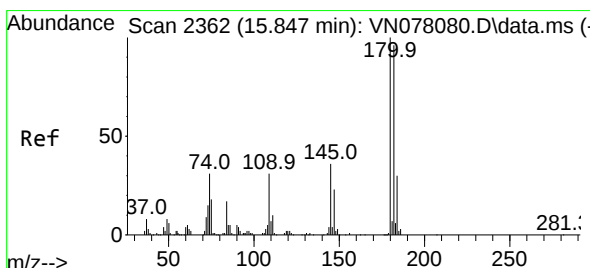
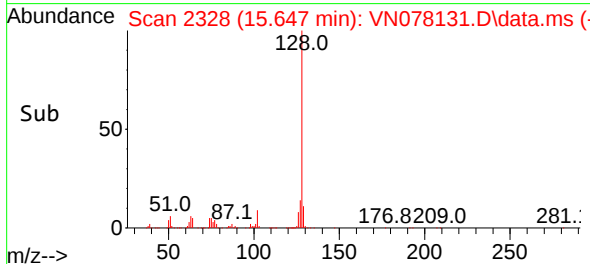
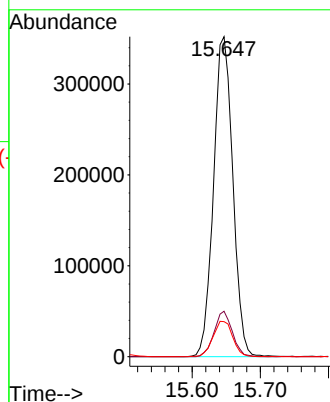
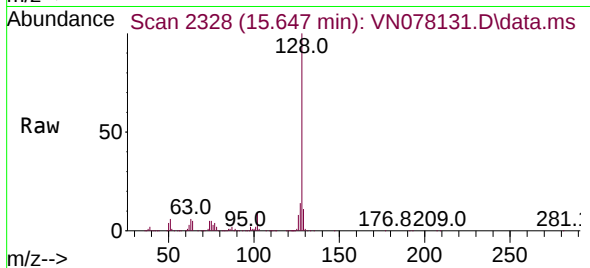
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.0	15.0
129	11.4	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2023

Supervised By :Mahesh Dadoda 06/09/2023



#96

1,2,3-Trichlorobenzene

Concen: 50.185 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN078131.D

Acq: 08 Jun 2023 16:52

Tgt Ion:180 Resp: 223155

Ion	Ratio	Lower	Upper
180	100		
182	95.4	46.2	138.6
145	34.3	17.5	52.6

