

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060623\
 Data File : VN078080.D
 Acq On : 06 Jun 2023 21:23
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/07/2023
 Supervised By : Mahesh Dadoda 06/07/2023

Quant Time: Jun 07 04:28:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 04:24:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	496967	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	892422	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	779164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	304762	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	331412	50.016	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.040%			
35) Dibromofluoromethane	8.177	113	283896	50.312	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.620%			
50) Toluene-d8	10.571	98	1095660	50.368	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.740%			
62) 4-Bromofluorobenzene	12.853	95	350354	51.808	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.620%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	256600	45.677	ug/l	98
3) Chloromethane	2.371	50	272656	51.651	ug/l	98
4) Vinyl Chloride	2.518	62	342690	46.586	ug/l	97
5) Bromomethane	2.953	94	259627	46.701	ug/l	94
6) Chloroethane	3.124	64	230528	45.971	ug/l	99
7) Trichlorofluoromethane	3.500	101	462416	46.355	ug/l	100
8) Diethyl Ether	3.971	74	166317	47.451	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.377	101	246408	46.805	ug/l	96
10) Methyl Iodide	4.594	142	378160	50.793	ug/l	97
11) Tert butyl alcohol	5.536	59	217476	237.698	ug/l	100
12) 1,1-Dichloroethene	4.347	96	256339	51.904	ug/l	91
13) Acrolein	4.189	56	236663	234.699	ug/l	96
14) Allyl chloride	5.036	41	319232	48.189	ug/l	93
15) Acrylonitrile	5.730	53	589851	250.062	ug/l	100
16) Acetone	4.436	43	436250	228.735	ug/l	99
17) Carbon Disulfide	4.718	76	655927	46.958	ug/l	99
18) Methyl Acetate	5.036	43	409792	46.669	ug/l	92
19) Methyl tert-butyl Ether	5.806	73	857161	49.504	ug/l	99
20) Methylene Chloride	5.283	84	292336	46.384	ug/l	94
21) trans-1,2-Dichloroethene	5.794	96	283385	48.415	ug/l	84
22) Diisopropyl ether	6.683	45	775393	49.760	ug/l	94
23) Vinyl Acetate	6.612	43	2353095	254.032	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	501954	48.831	ug/l	98
25) 2-Butanone	7.494	43	733774	250.186	ug/l #	86
26) 2,2-Dichloropropane	7.500	77	384169	50.614	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	333657	47.789	ug/l	97
28) Bromochloromethane	7.818	49	233768	49.530	ug/l	95
29) Tetrahydrofuran	7.847	42	490250	250.042	ug/l	86
30) Chloroform	7.971	83	545835	49.311	ug/l	96
31) Cyclohexane	8.265	56	396948	46.701	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	493033	50.734	ug/l	98
36) 1,1-Dichloropropene	8.377	75	401699	49.631	ug/l	98
37) Ethyl Acetate	7.571	43	314254	49.702	ug/l	95
38) Carbon Tetrachloride	8.371	117	424911	49.719	ug/l	94
39) Methylcyclohexane	9.606	83	410427	48.931	ug/l	94
40) Benzene	8.612	78	1206266	49.922	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	161977	47.263	ug/l	95
42) 1,2-Dichloroethane	8.677	62	403509	48.704	ug/l	97
43) Isopropyl Acetate	8.694	43	560264	46.333	ug/l	95
44) Trichloroethene	9.359	130	312746	49.010	ug/l	97
45) 1,2-Dichloropropane	9.629	63	297570	49.497	ug/l	98
46) Dibromomethane	9.712	93	215149	48.587	ug/l	94
47) Bromodichloromethane	9.894	83	424718	51.635	ug/l	97
48) Methyl methacrylate	9.688	41	257540	50.751	ug/l	92
49) 1,4-Dioxane	9.700	88	99900	936.660	ug/l #	92
51) 4-Methyl-2-Pentanone	10.453	43	1615902	253.770	ug/l	94
52) Toluene	10.635	92	769867	50.463	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	453214	52.907	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	488840	51.624	ug/l	95
55) 1,1,2-Trichloroethane	11.023	97	296884	51.442	ug/l	94
56) Ethyl methacrylate	10.882	69	444521	52.898	ug/l	91
57) 1,3-Dichloropropane	11.171	76	497128	51.032	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	892415	262.887	ug/l	94
59) 2-Hexanone	11.200	43	1144897	258.227	ug/l	93
60) Dibromochloromethane	11.365	129	327749	51.899	ug/l	100
61) 1,2-Dibromoethane	11.476	107	308875	50.999	ug/l	98
64) Tetrachloroethene	11.112	164	240740	46.313	ug/l	98
65) Chlorobenzene	11.900	112	827029	49.564	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	311040	50.681	ug/l	98
67) Ethyl Benzene	11.970	91	1442469	50.100	ug/l	100
68) m/p-Xylenes	12.076	106	1111100	101.261	ug/l	99
69) o-Xylene	12.406	106	545809	50.654	ug/l	96
70) Styrene	12.418	104	896077	52.823	ug/l	98
71) Bromoform	12.588	173	210275	53.092	ug/l #	100
73) Isopropylbenzene	12.700	105	1334508	46.306	ug/l	99
74) N-amyl acetate	12.500	43	453092	47.743	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	416089	52.622	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	330691m	45.704	ug/l	
77) Bromobenzene	12.988	156	318692	47.637	ug/l	94
78) n-propylbenzene	13.041	91	1483880	47.391	ug/l	99
79) 2-Chlorotoluene	13.129	91	908758	44.962	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	1073816	46.022	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	115073	49.071	ug/l	94
82) 4-Chlorotoluene	13.229	91	903358	47.890	ug/l	98
83) tert-Butylbenzene	13.441	119	928144	45.762	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	1072840	47.426	ug/l	97
85) sec-Butylbenzene	13.623	105	1236847	46.592	ug/l	99
86) p-Isopropyltoluene	13.735	119	1029980	47.812	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	542070	47.902	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	524297	48.015	ug/l	99
89) n-Butylbenzene	14.064	91	809208	47.624	ug/l	98
90) Hexachloroethane	14.341	117	184253	48.196	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	533330	48.223	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	69537	48.713	ug/l	92
93) 1,2,4-Trichlorobenzene	15.400	180	214108	54.335	ug/l	98
94) Hexachlorobutadiene	15.506	225	97666	50.596	ug/l	97
95) Naphthalene	15.647	128	713769	53.849	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	221401	50.237	ug/l	97

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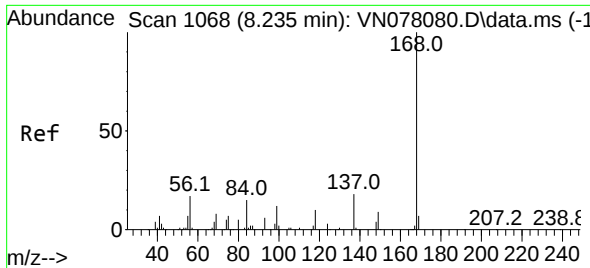
Manual Integrations
APPROVED

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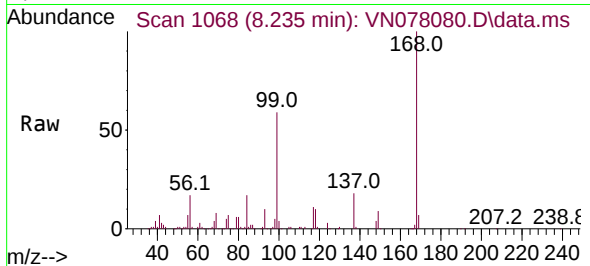
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN078080.D
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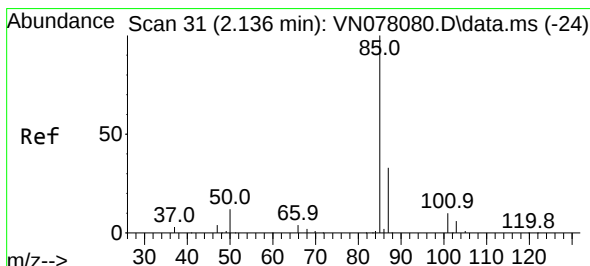
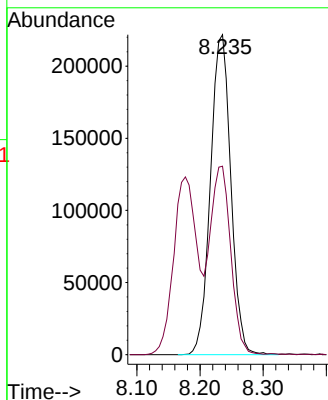
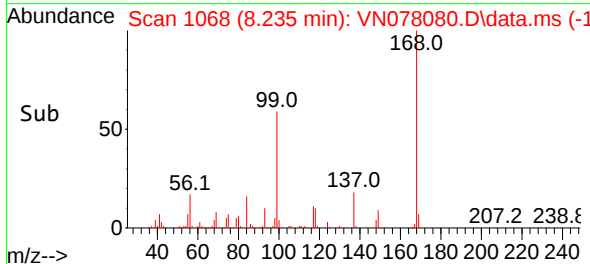
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



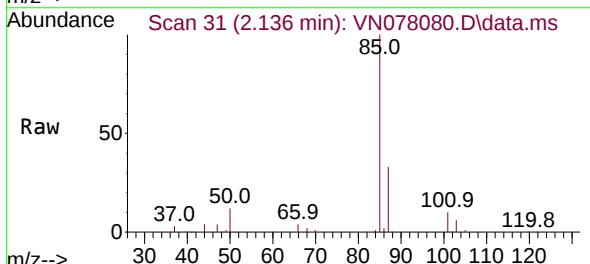
Tgt Ion:168 Resp: 49696
Ion Ratio Lower Upper
168 100
99 58.8 53.0 79.6

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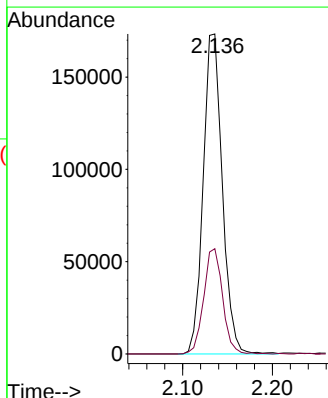
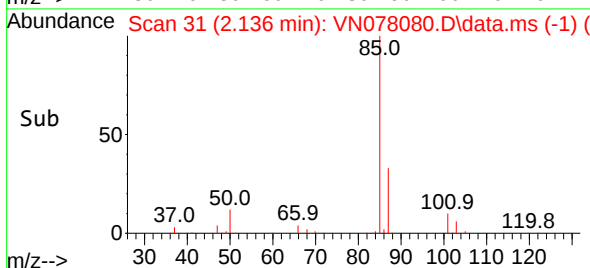
Reviewed By :John Carlone 06/07/2023
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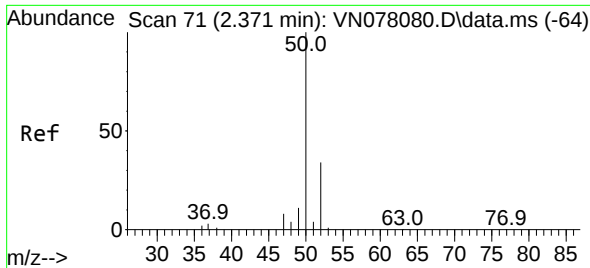


#2
Dichlorodifluoromethane
Concen: 45.677 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23



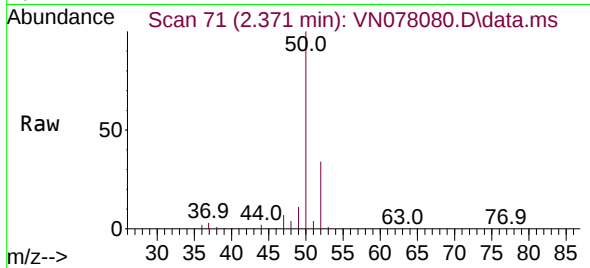
Tgt Ion: 85 Resp: 256600
Ion Ratio Lower Upper
85 100
87 32.9 15.8 47.4





#3
Chloromethane
Concen: 51.651 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

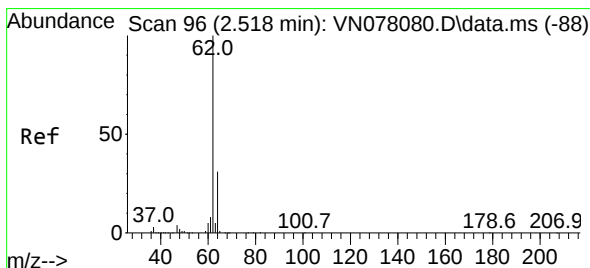
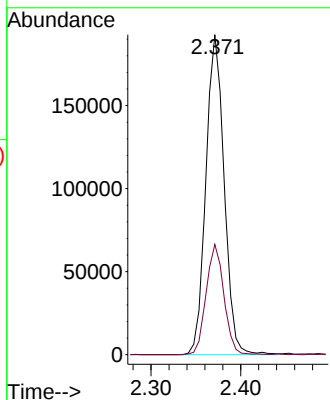
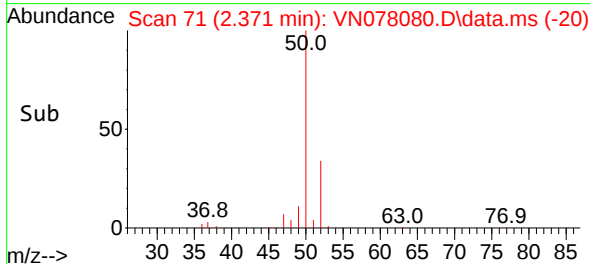
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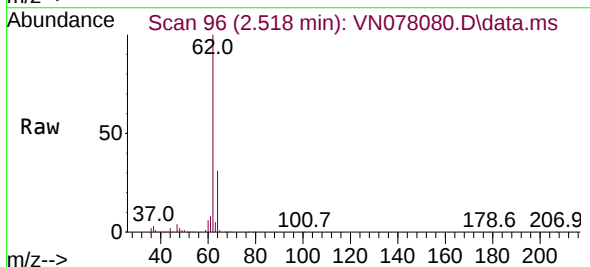
Tgt Ion: 50 Resp: 272650
Ion Ratio Lower Upper
50 100
52 34.4 26.5 39.7

Manual Integrations
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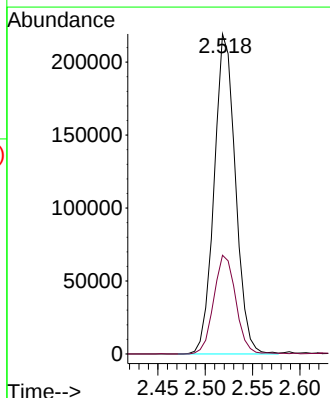
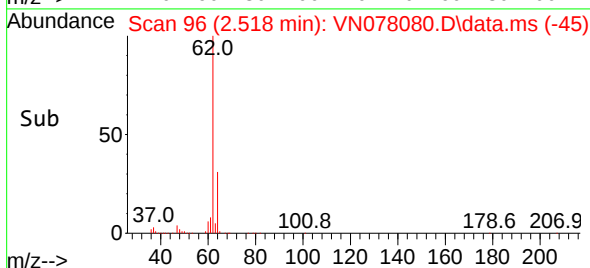
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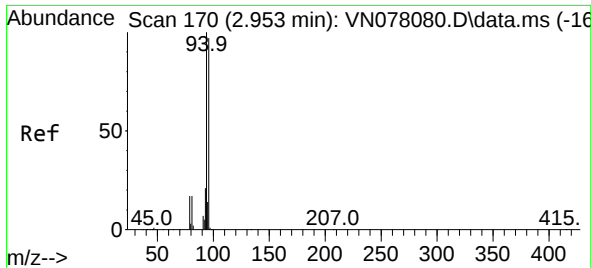


#4
Vinyl Chloride
Concen: 46.586 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23



Tgt Ion: 62 Resp: 342690
Ion Ratio Lower Upper
62 100
64 30.8 26.2 39.2





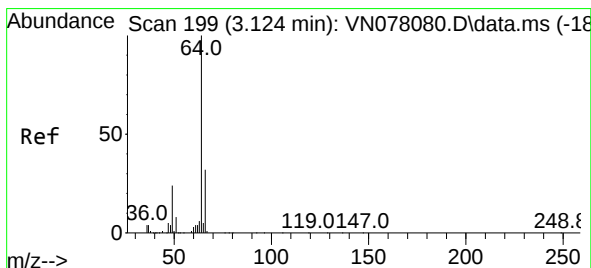
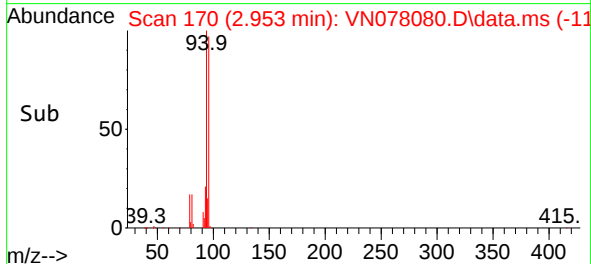
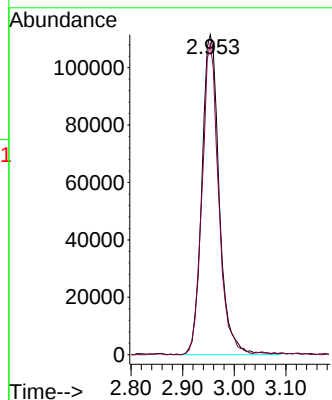
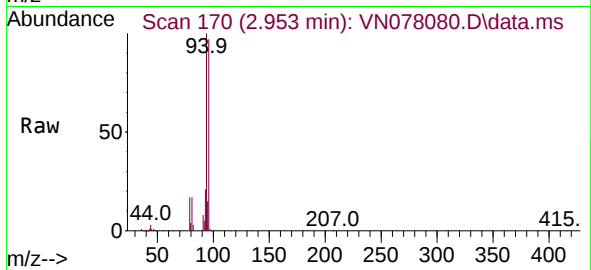
#5
Bromomethane
Concen: 46.701 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

Instrument :
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Tgt Ion: 94 Resp: 25962
Ion Ratio Lower Upper
94 100
96 97.2 73.1 109.7

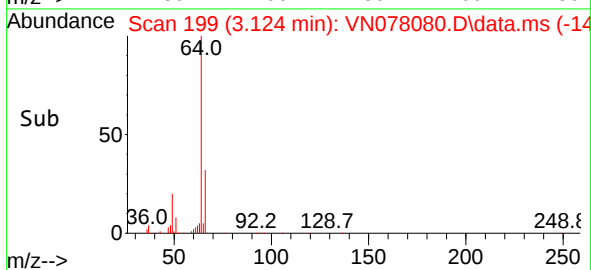
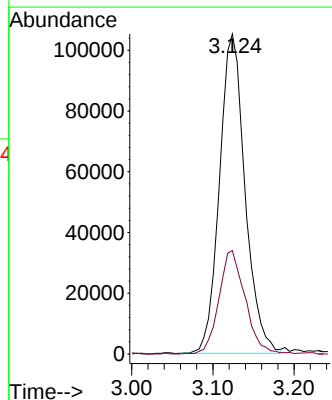
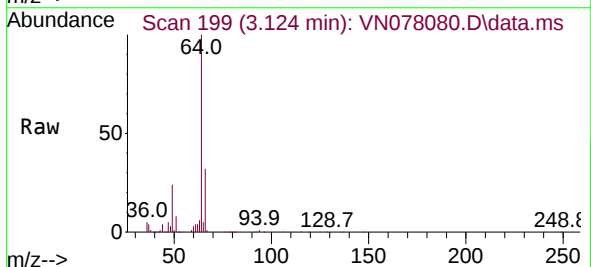
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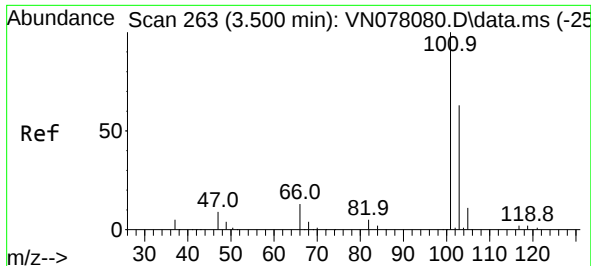
Reviewed By :John Carlone 06/07/2023
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#6
Chloroethane
Concen: 45.971 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN078080.D
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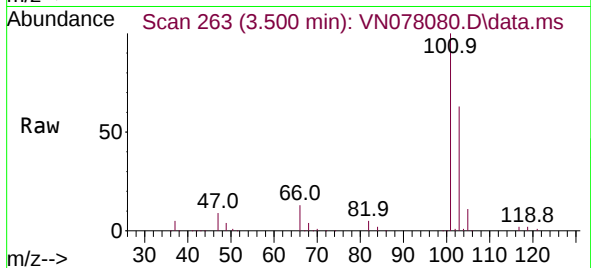
Tgt Ion: 64 Resp: 230528
Ion Ratio Lower Upper
64 100
66 32.4 25.4 38.2





#7
Trichlorofluoromethane
Concen: 46.355 ug/l
RT: 3.500 min Scan# 263
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

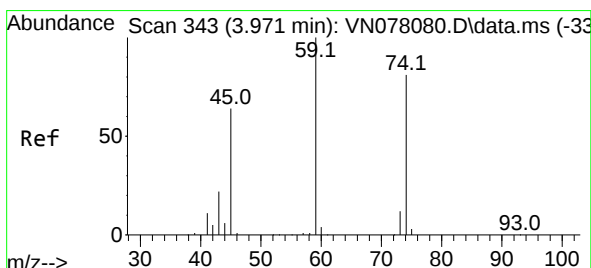
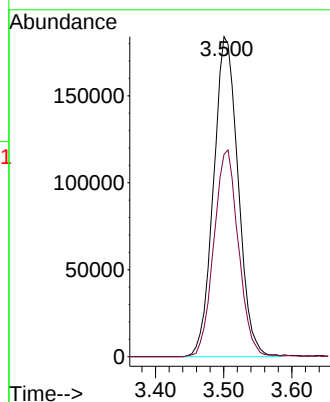
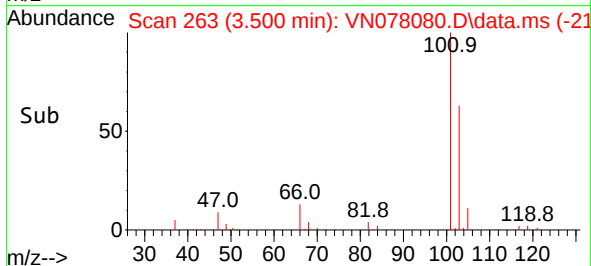
Instrument :
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Tgt Ion:101 Resp: 462410
Ion Ratio Lower Upper
101 100
103 63.2 50.7 76.1

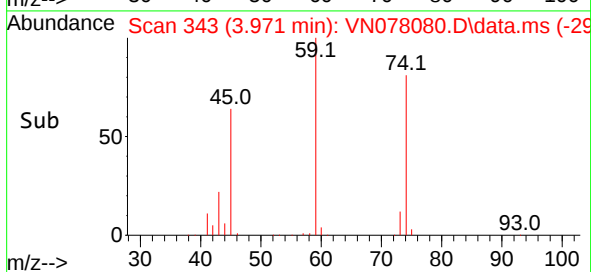
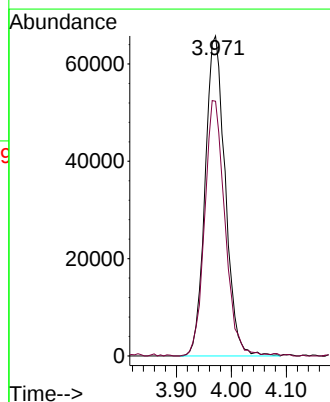
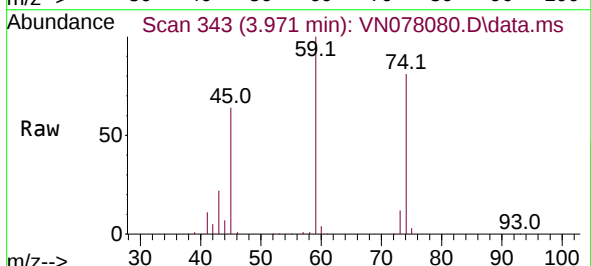
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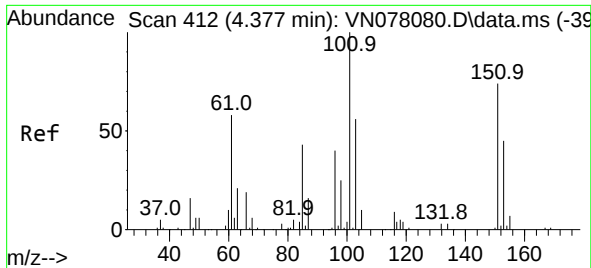
Reviewed By :John Carlone 06/07/2023
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#8
Diethyl Ether
Concen: 47.451 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.000 min
Lab File: VN078080.D
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Tgt Ion: 74 Resp: 166317
Ion Ratio Lower Upper
74 100
45 81.0 34.4 103.3





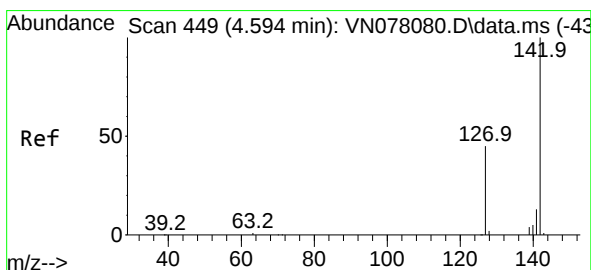
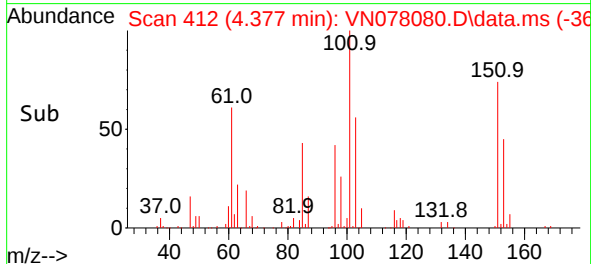
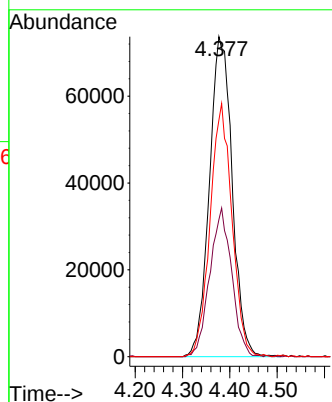
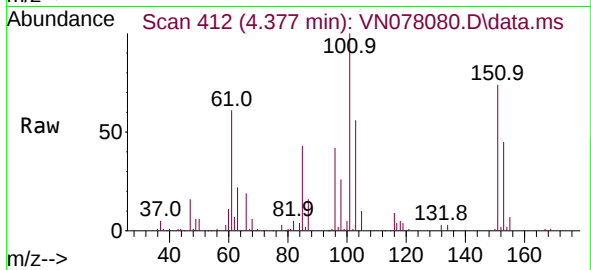
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.805 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 246408
Ion Ratio Lower Upper
101 100
85 44.6 36.6 55.0
151 76.0 57.6 86.4

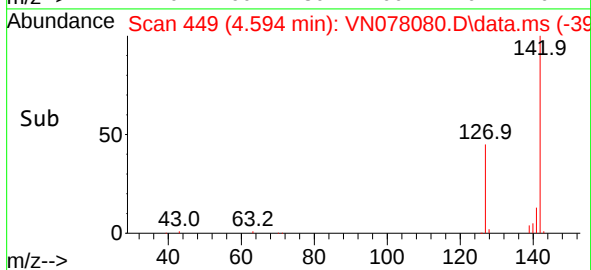
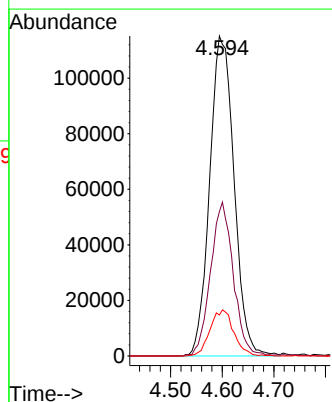
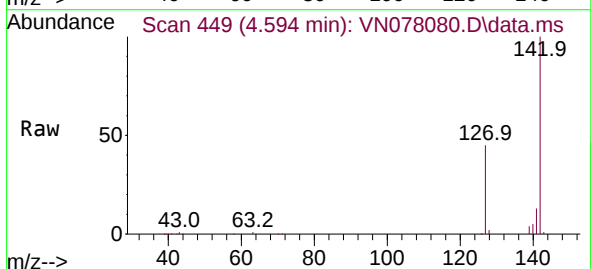
Manual Integrations
APPROVED

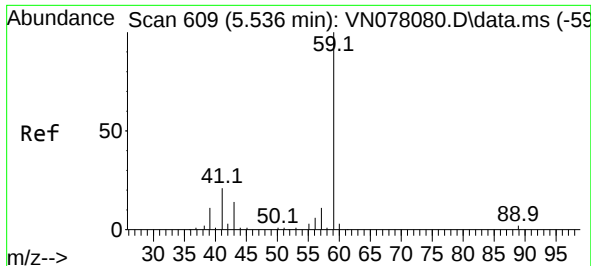
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#10
Methyl Iodide
Concen: 50.793 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

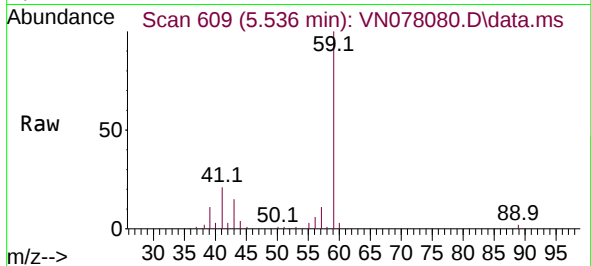
Tgt Ion:142 Resp: 378160
Ion Ratio Lower Upper
142 100
127 45.1 37.6 56.4
141 12.8 11.4 17.0





#11
Tert butyl alcohol
Concen: 237.698 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

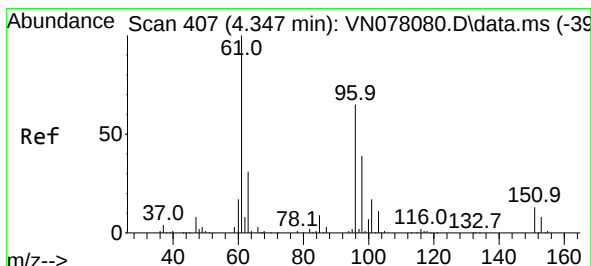
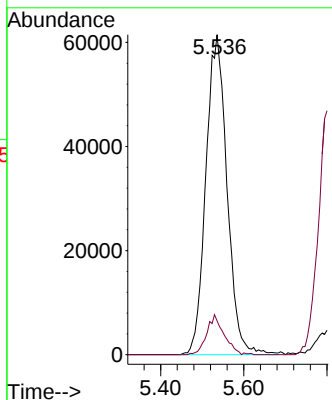
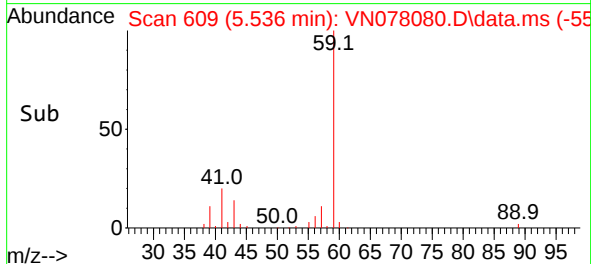
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



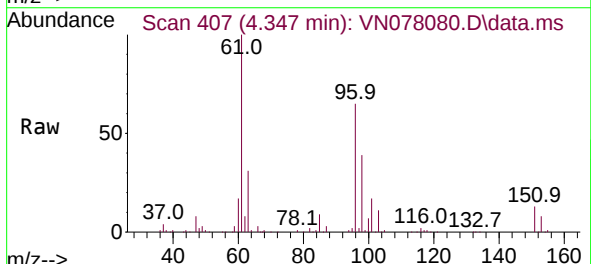
Tgt Ion: 59 Resp: 217470
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4

Manual Integrations
APPROVED

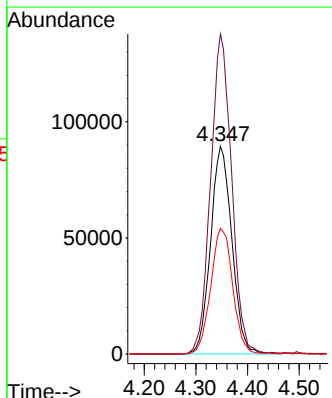
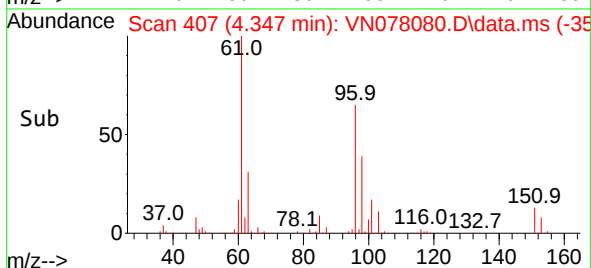
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

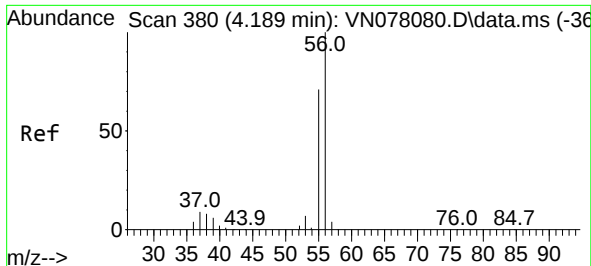


#12
1,1-Dichloroethene
Concen: 51.904 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23



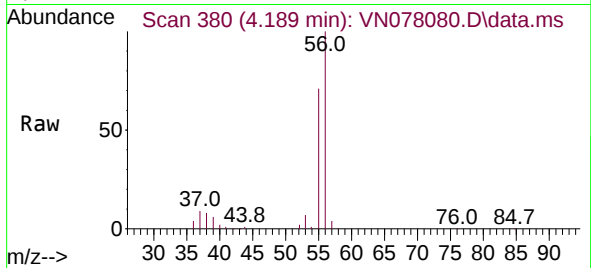
Tgt Ion: 96 Resp: 256339
Ion Ratio Lower Upper
96 100
61 154.0 112.7 169.1
98 60.5 51.2 76.8





#13
Acrolein
Concen: 234.699 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

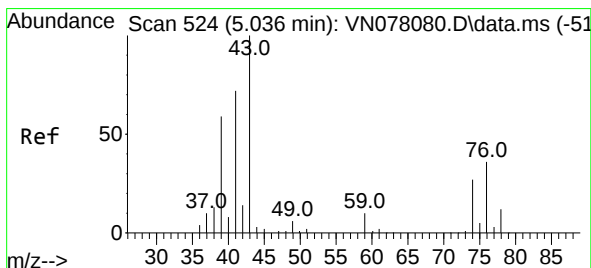
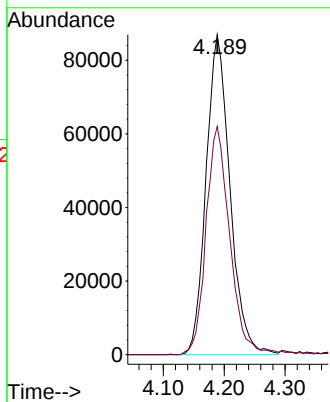
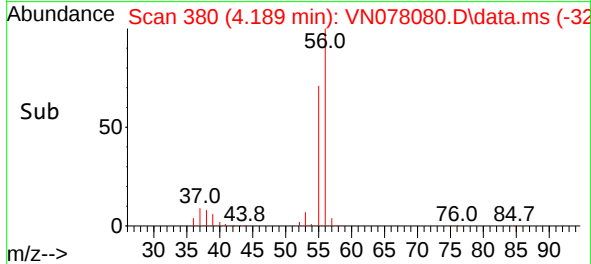
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



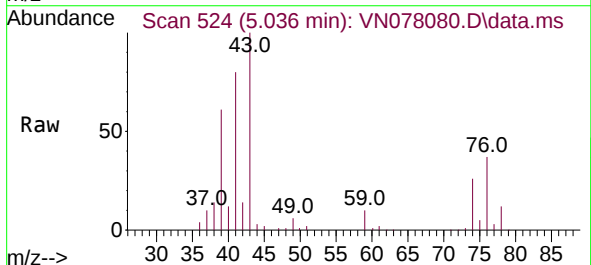
Tgt Ion: 56 Resp: 23666
Ion Ratio Lower Upper
56 100
55 71.6 54.5 81.7

Manual Integrations
APPROVED

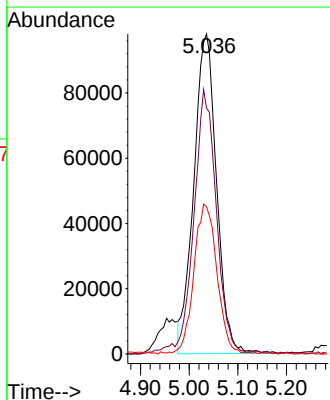
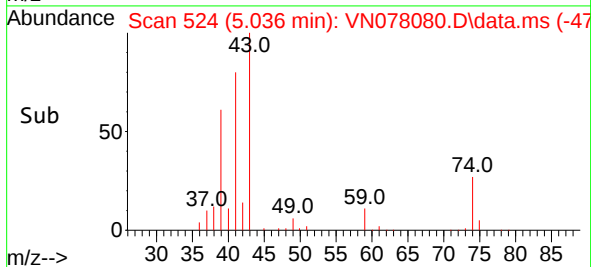
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

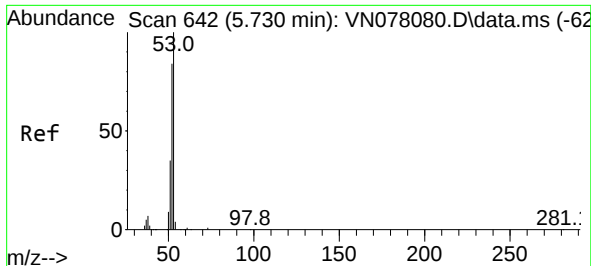


#14
Allyl chloride
Concen: 48.189 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23



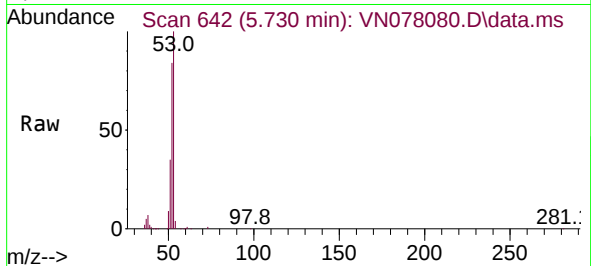
Tgt Ion: 41 Resp: 319232
Ion Ratio Lower Upper
41 100
39 82.1 58.8 88.2
76 46.9 39.1 58.7





#15
Acrylonitrile
Concen: 250.062 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

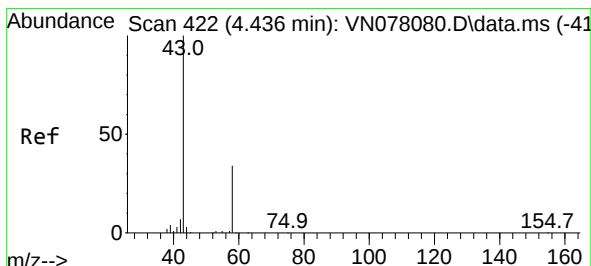
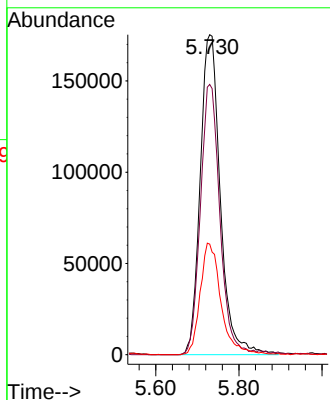
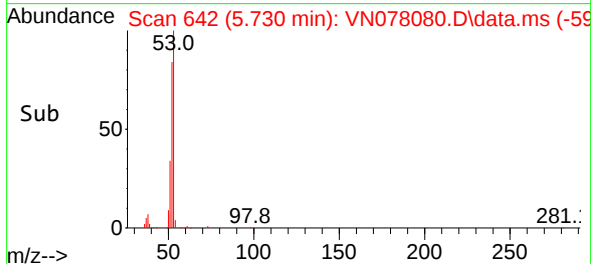
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 58985
Ion Ratio Lower Upper
53 100
52 81.5 65.3 97.9
51 35.9 28.9 43.3

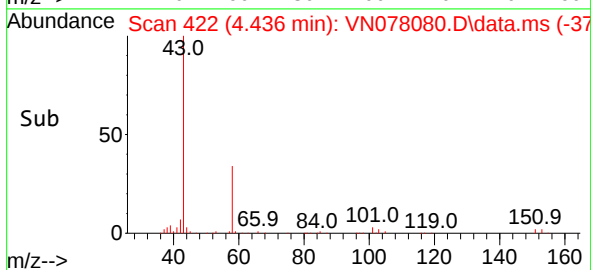
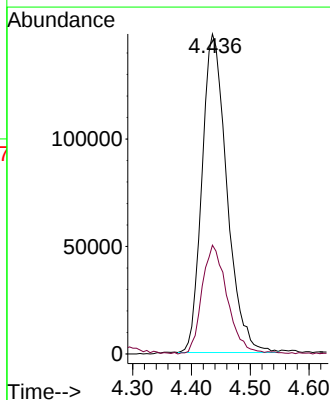
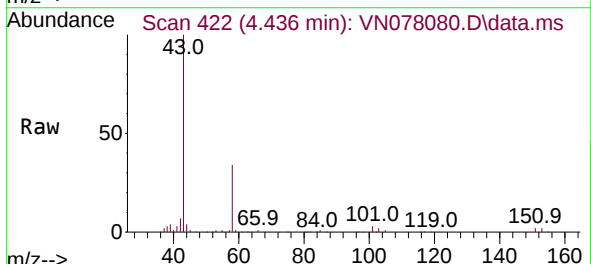
Manual Integrations
APPROVED

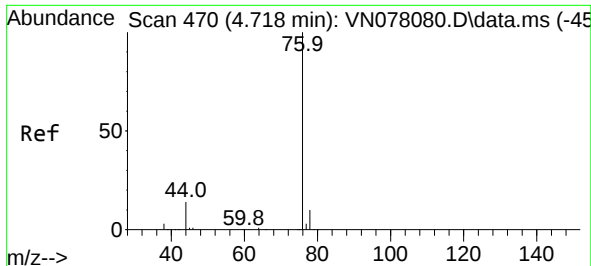
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#16
Acetone
Concen: 228.735 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

Tgt Ion: 43 Resp: 436250
Ion Ratio Lower Upper
43 100
58 34.2 28.0 42.0





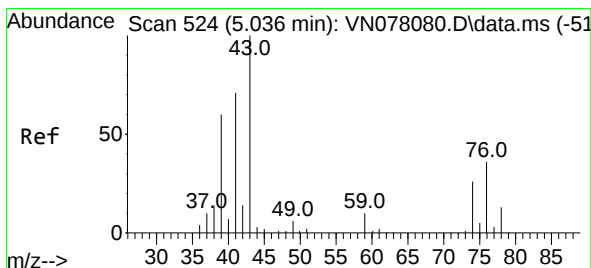
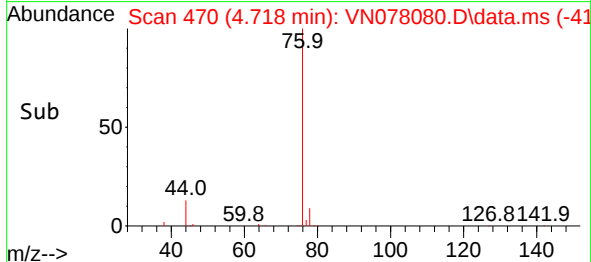
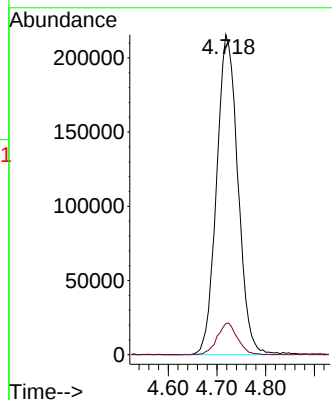
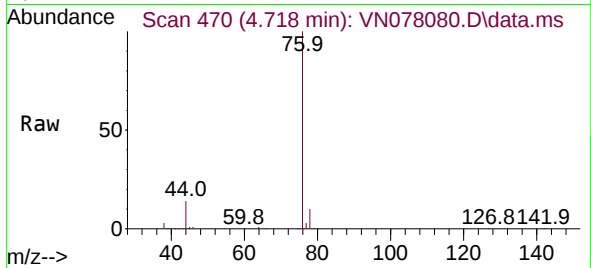
#17
Carbon Disulfide
Concen: 46.958 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 65592
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0

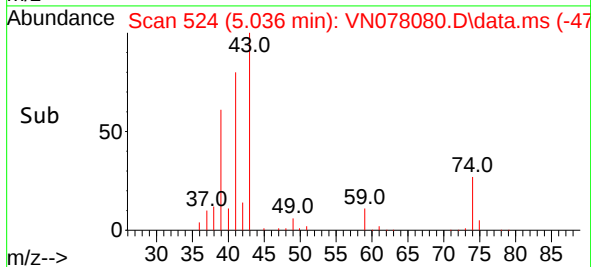
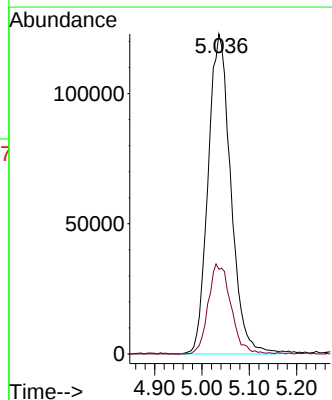
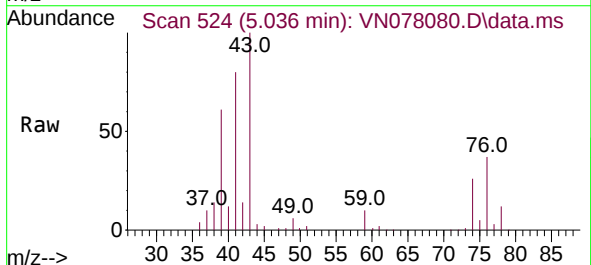
Manual Integrations
APPROVED

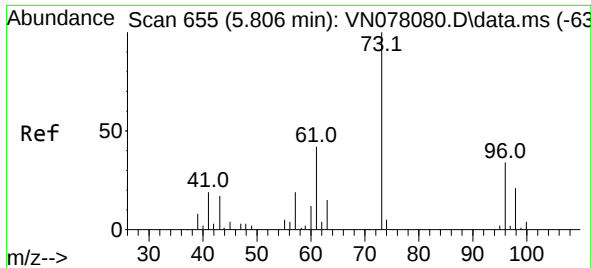
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#18
Methyl Acetate
Concen: 46.669 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

Tgt Ion: 43 Resp: 409792
Ion Ratio Lower Upper
43 100
74 28.1 26.2 39.4





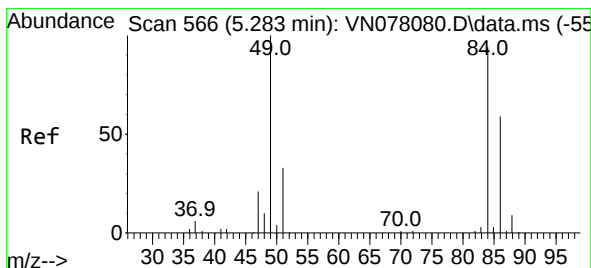
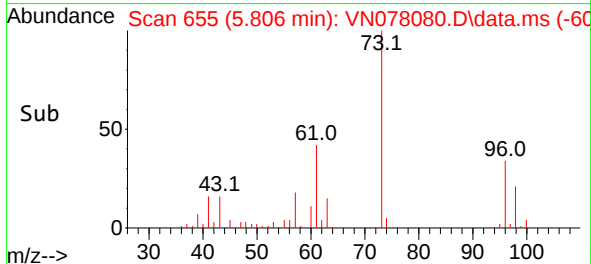
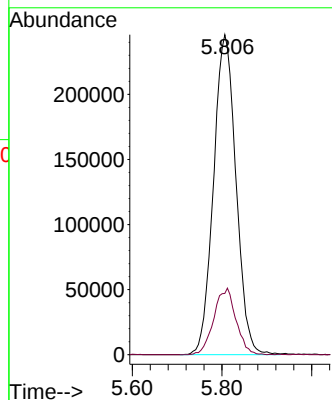
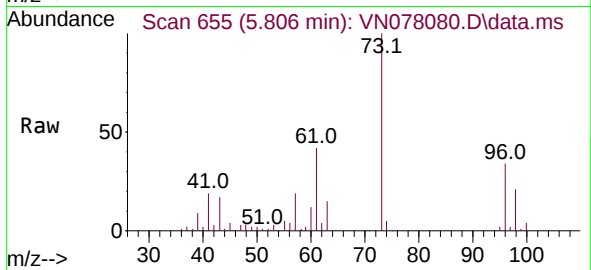
#19
Methyl tert-butyl Ether
Concen: 49.504 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 85716
Ion Ratio Lower Upper
73 100
57 19.2 15.6 23.4

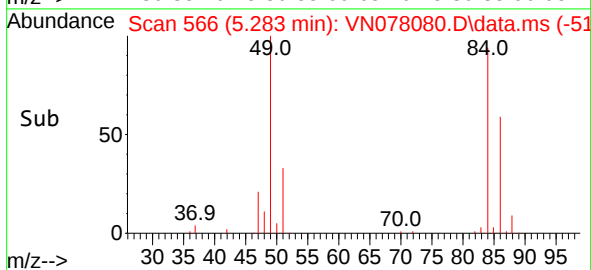
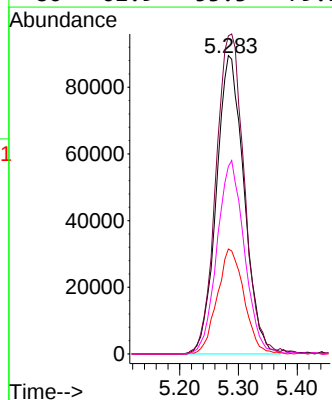
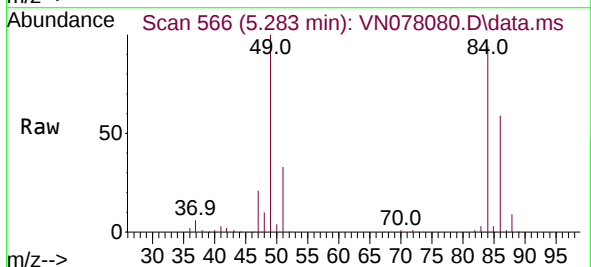
Manual Integrations
APPROVED

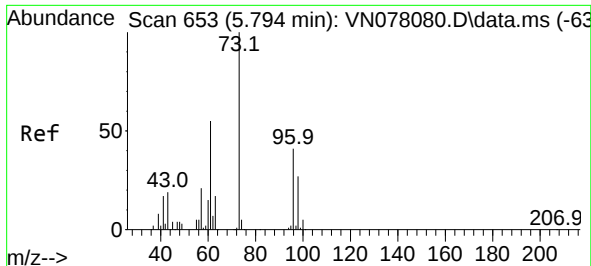
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#20
Methylene Chloride
Concen: 46.384 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

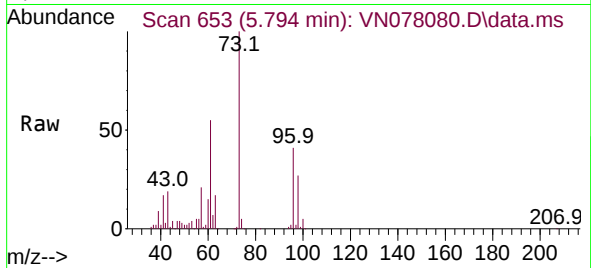
Tgt Ion: 84 Resp: 292336
Ion Ratio Lower Upper
84 100
49 106.6 79.7 119.5
51 35.2 25.2 37.8
86 62.9 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 48.415 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

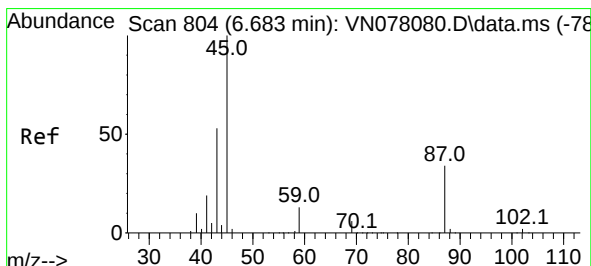
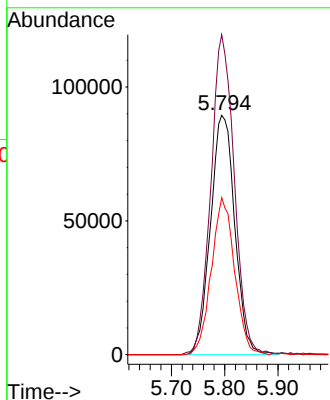
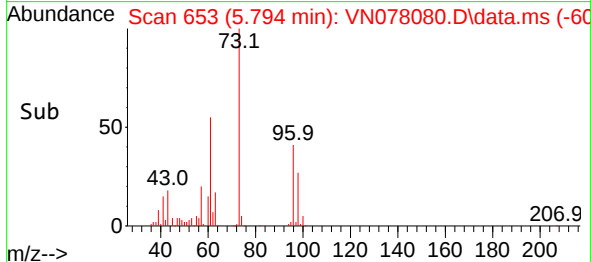
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 28338
Ion Ratio Lower Upper
96 100
61 133.7 90.1 135.1
98 65.6 46.4 69.6

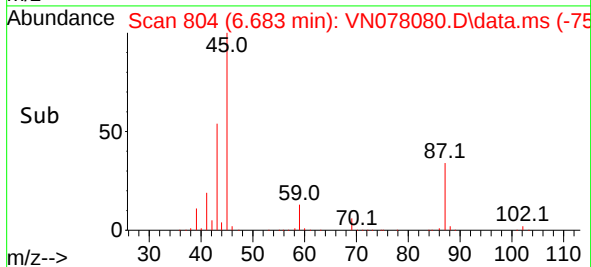
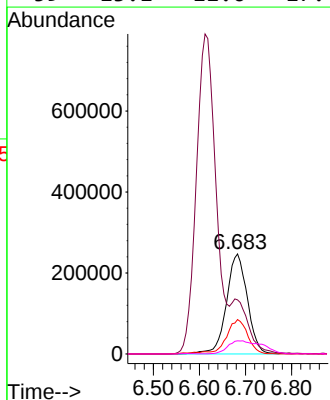
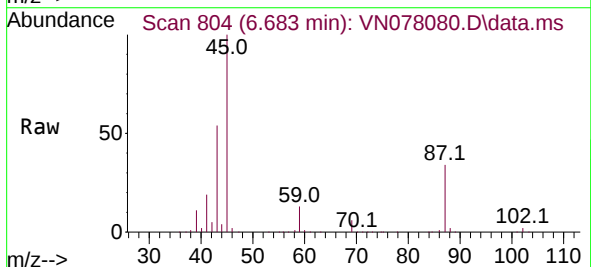
Manual Integrations
APPROVED

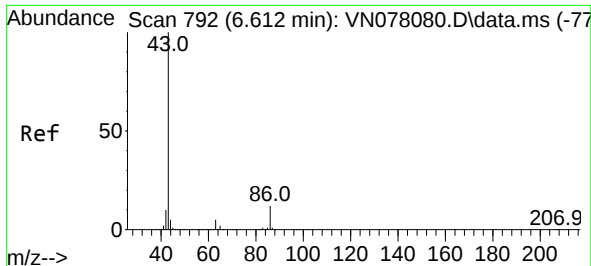
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#22
Diisopropyl ether
Concen: 49.760 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

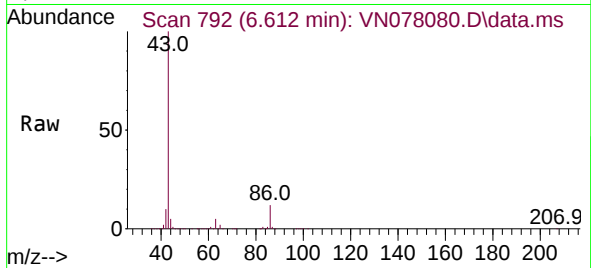
Tgt Ion: 45 Resp: 775393
Ion Ratio Lower Upper
45 100
43 52.9 45.5 68.3
87 34.3 31.8 47.8
59 13.1 11.6 17.4





#23
 Vinyl Acetate
 Concen: 254.032 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078080.D
 Acq: 06 Jun 2023 21:23

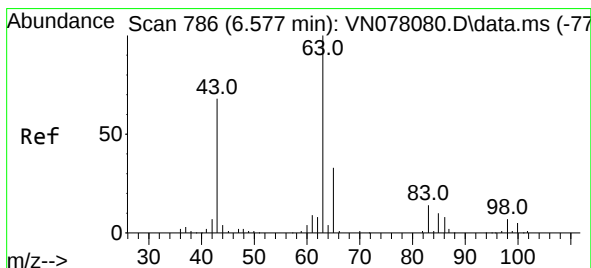
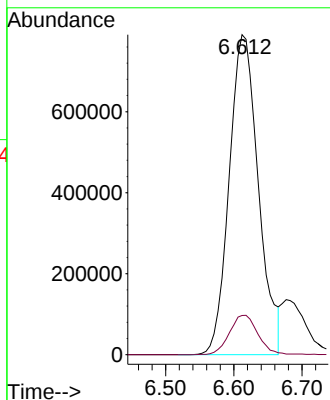
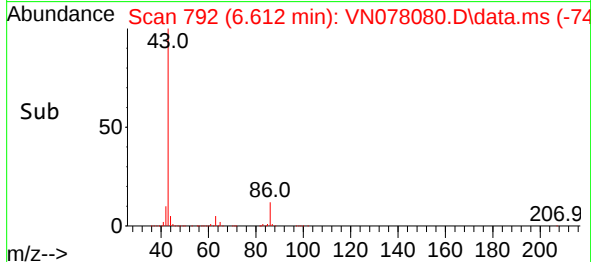
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 43 Resp: 235309
 Ion Ratio Lower Upper
 43 100
 86 12.3 13.0 19.6

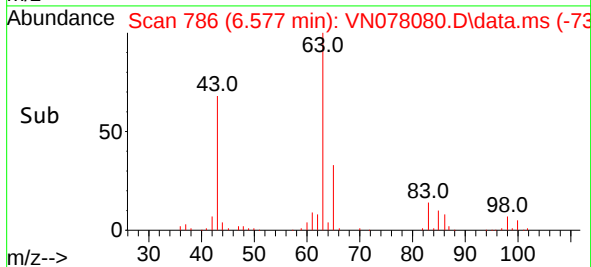
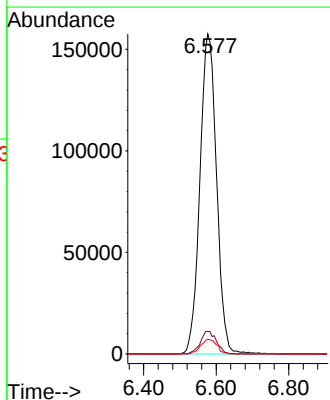
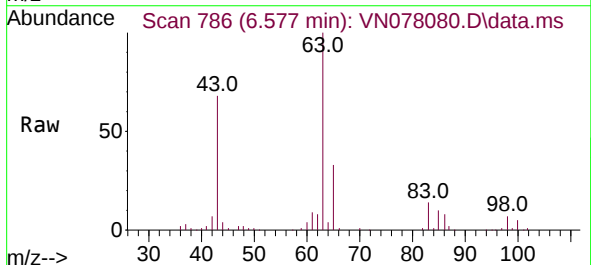
Manual Integrations
 APPROVED

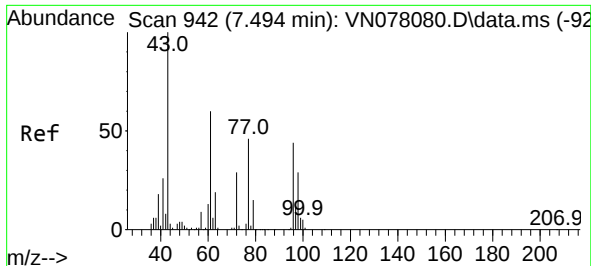
Reviewed By :John Carlone 06/07/2023
 Supervised By :Mahesh Dadoda 06/07/2023



#24
 1,1-Dichloroethane
 Concen: 48.831 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VN078080.D
 Acq: 06 Jun 2023 21:23

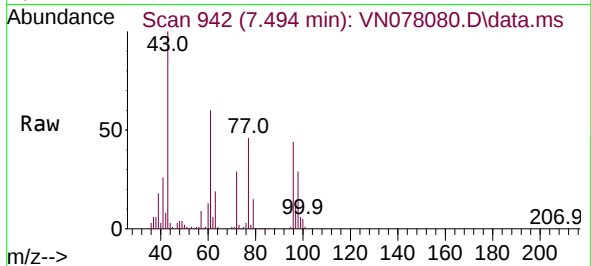
Tgt Ion: 63 Resp: 501954
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.9 11.7
 100 4.6 2.5 7.4





#25
2-Butanone
Concen: 250.186 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

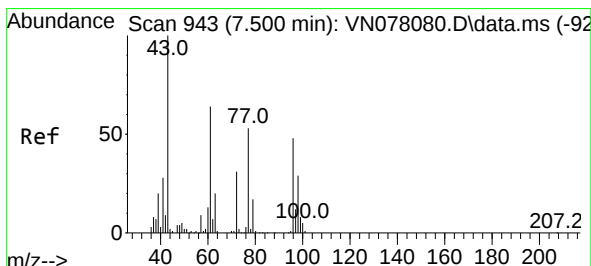
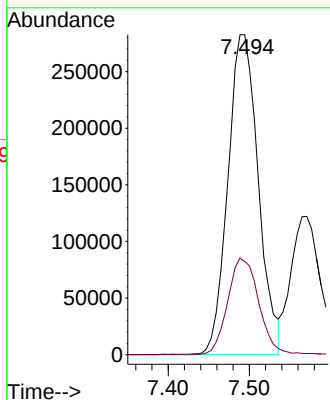
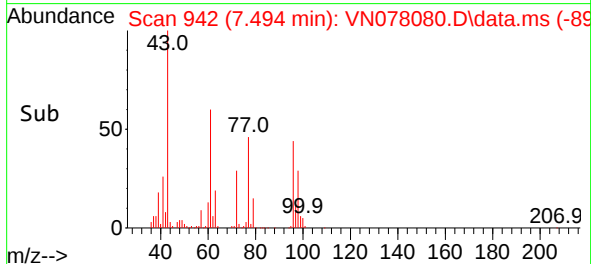
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



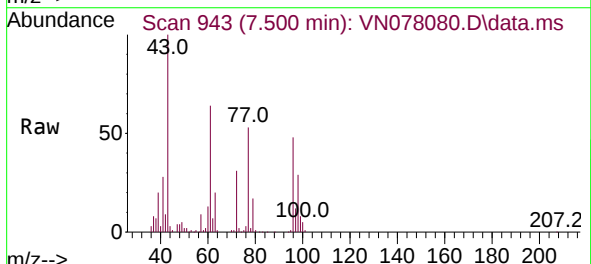
Tgt Ion: 43 Resp: 733774
Ion Ratio Lower Upper
43 100
72 29.2 30.2 45.2

Manual Integrations
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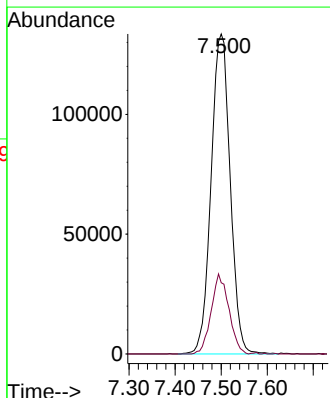
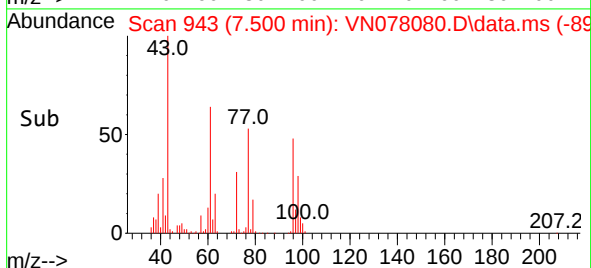
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

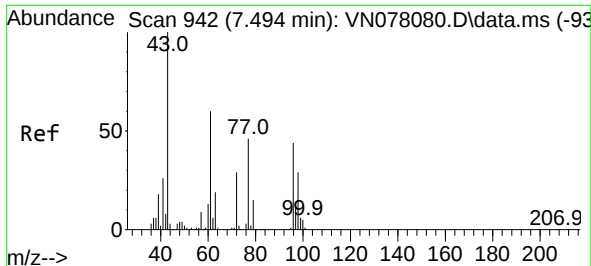


#26
2,2-Dichloropropane
Concen: 50.614 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23



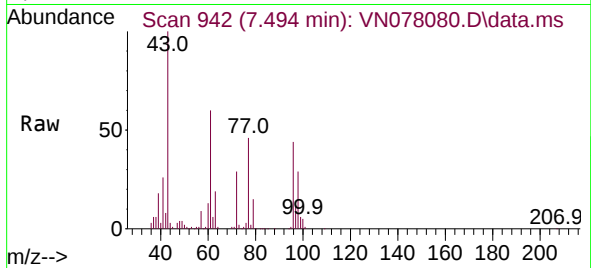
Tgt Ion: 77 Resp: 384169
Ion Ratio Lower Upper
77 100
97 23.1 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 47.789 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078080.D
 Acq: 06 Jun 2023 21:23

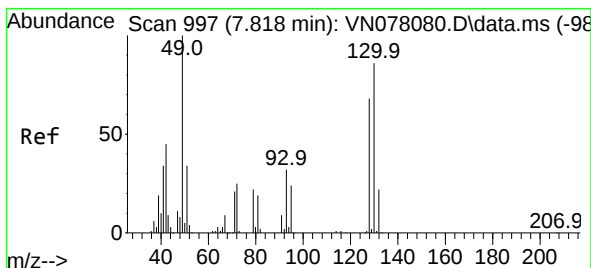
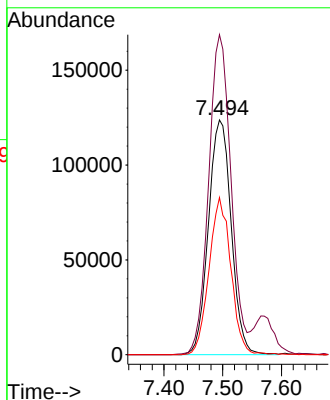
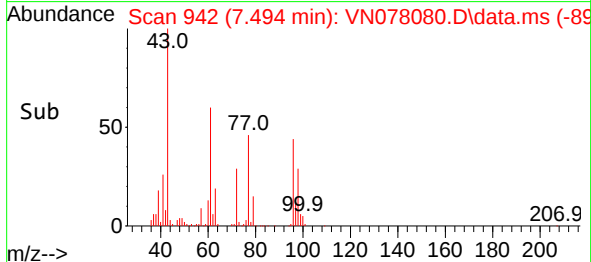
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 96 Resp: 33365
 Ion Ratio Lower Upper
 96 100
 61 133.3 0.0 255.2
 98 64.3 0.0 128.8

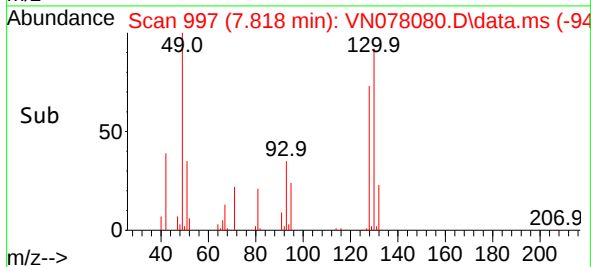
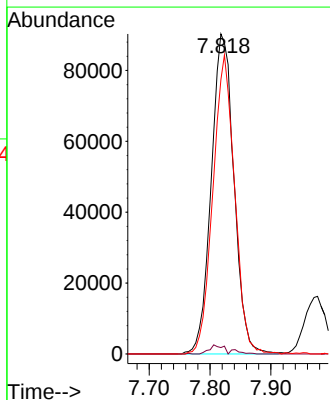
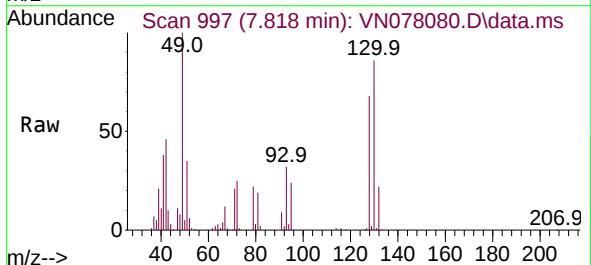
Manual Integrations
 APPROVED

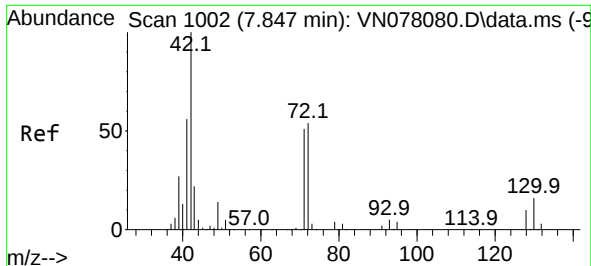
Reviewed By :John Carlone 06/07/2023
 Supervised By :Mahesh Dadoda 06/07/2023



#28
 Bromochloromethane
 Concen: 49.530 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN078080.D
 Acq: 06 Jun 2023 21:23

Tgt Ion: 49 Resp: 233768
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.8
 130 89.4 75.3 112.9





#29

Tetrahydrofuran

Concen: 250.042 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078080.D

Acq: 06 Jun 2023 21:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

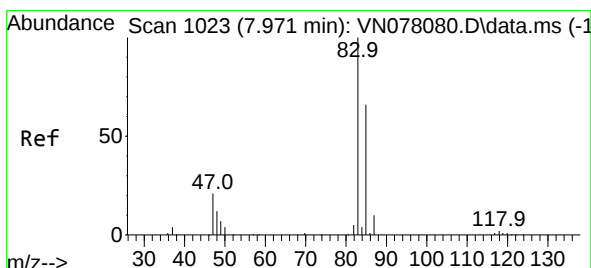
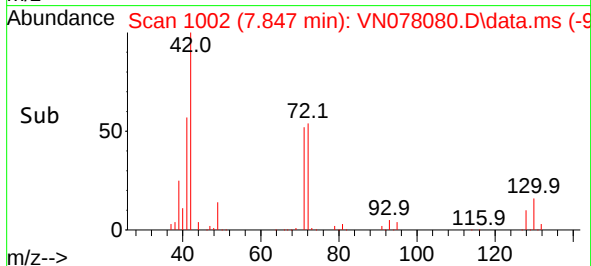
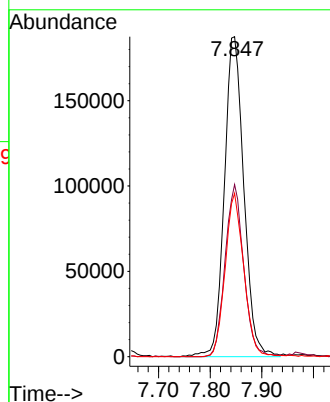
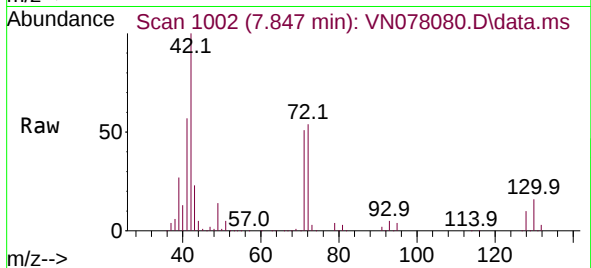
Tgt Ion: 42 Resp: 490250
 Ion Ratio Lower Upper
 42 100
 72 51.5 49.8 74.6
 71 48.7 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#30

Chloroform

Concen: 49.311 ug/l

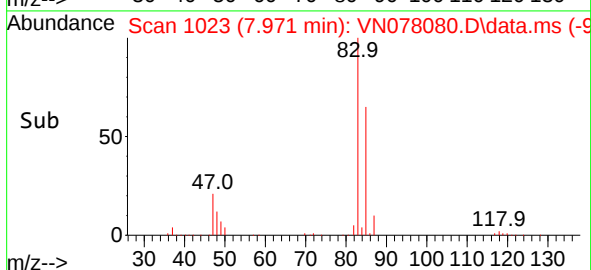
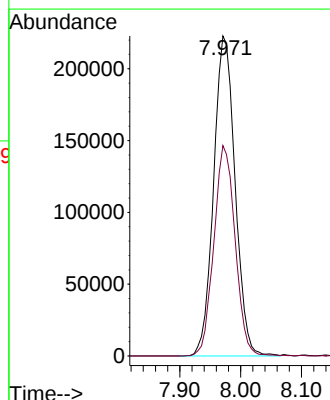
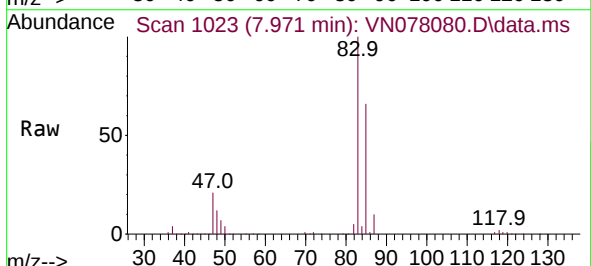
RT: 7.971 min Scan# 1023

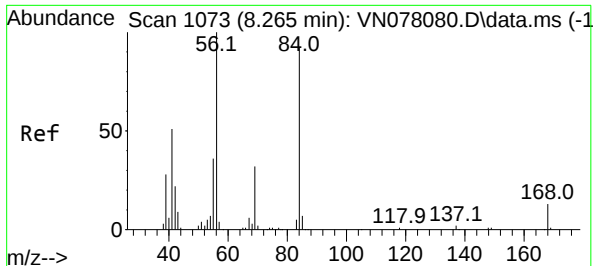
Delta R.T. 0.000 min

Lab File: VN078080.D

Acq: 06 Jun 2023 21:23

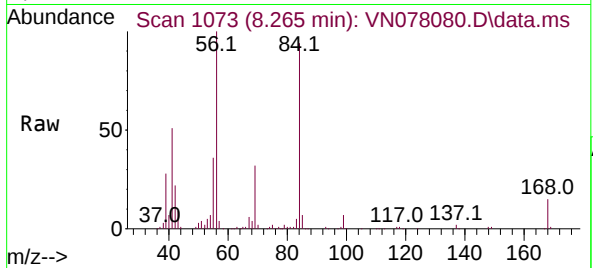
Tgt Ion: 83 Resp: 545835
 Ion Ratio Lower Upper
 83 100
 85 65.8 55.4 83.0





#31
Cyclohexane
Concen: 46.701 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

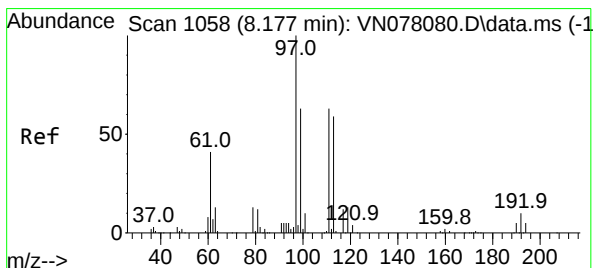
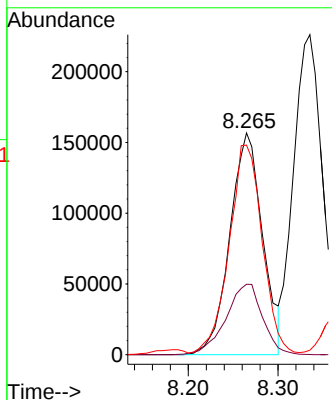
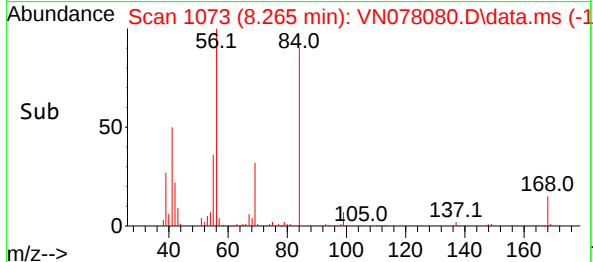
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



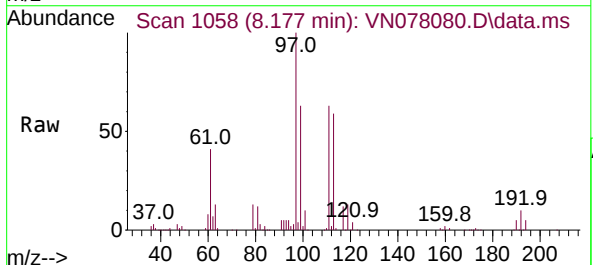
Tgt Ion: 56 Resp: 396948
Ion Ratio Lower Upper
56 100
69 31.6 26.8 40.2
84 92.2 81.8 122.6

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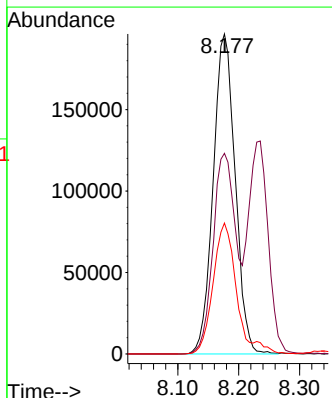
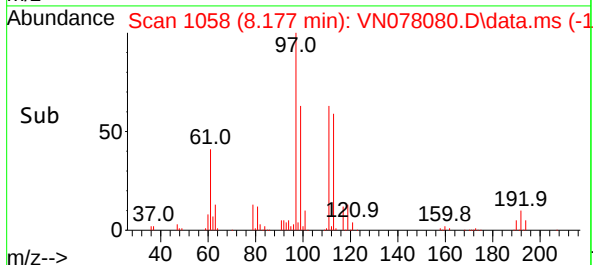
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

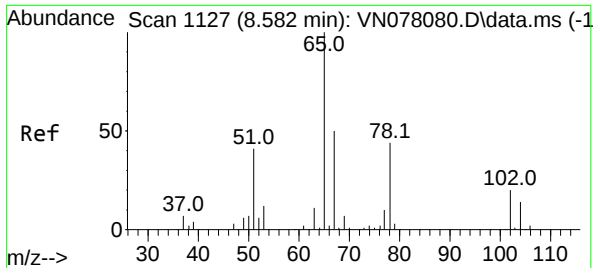


#32
1,1,1-Trichloroethane
Concen: 50.734 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23



Tgt Ion: 97 Resp: 493033
Ion Ratio Lower Upper
97 100
99 65.8 50.3 75.5
61 43.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.016 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN078080.D

Acq: 06 Jun 2023 21:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 331412

Ion Ratio Lower Upper

65 100

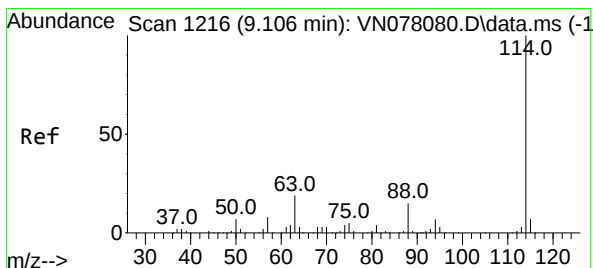
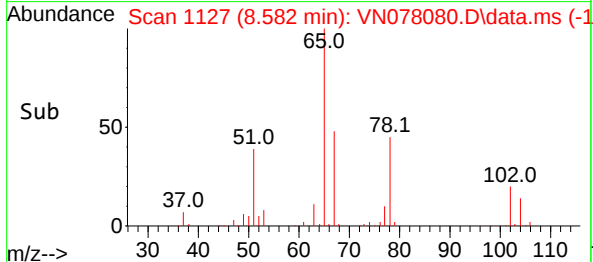
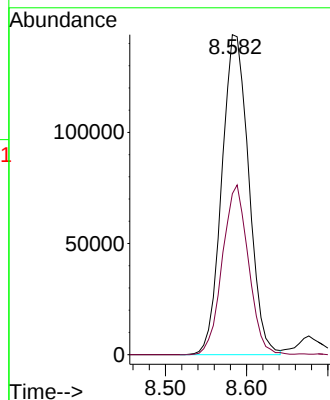
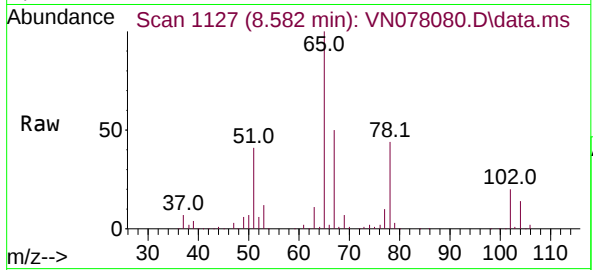
67 51.4 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078080.D

Acq: 06 Jun 2023 21:23

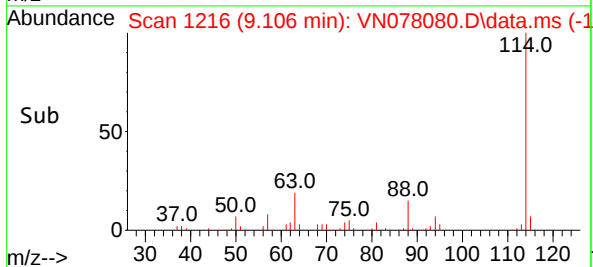
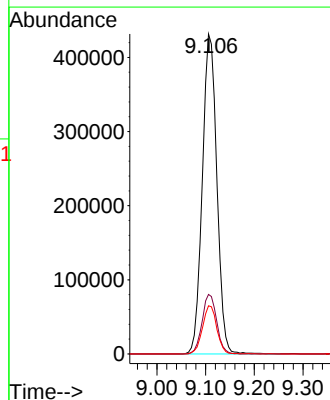
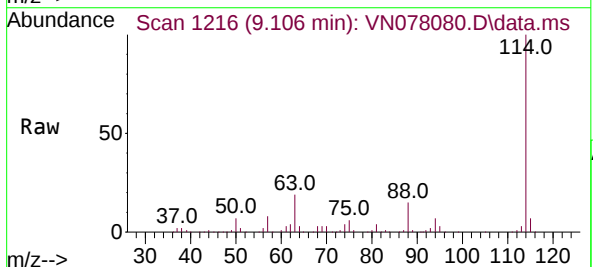
Tgt Ion:114 Resp: 892422

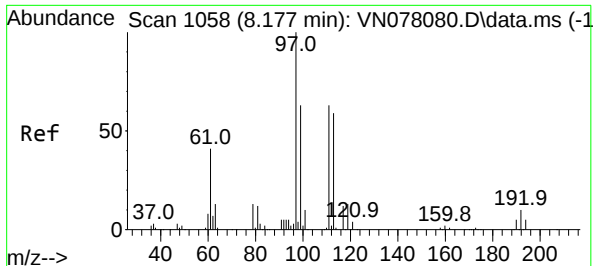
Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.4

88 15.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.312 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078080.D

Acq: 06 Jun 2023 21:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 113 Resp: 283890

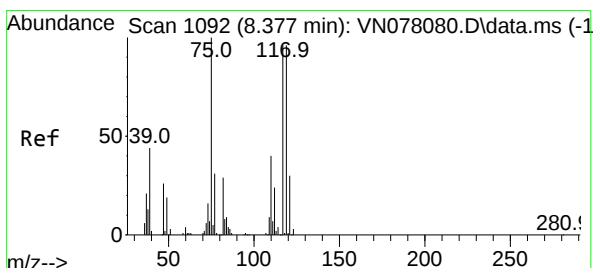
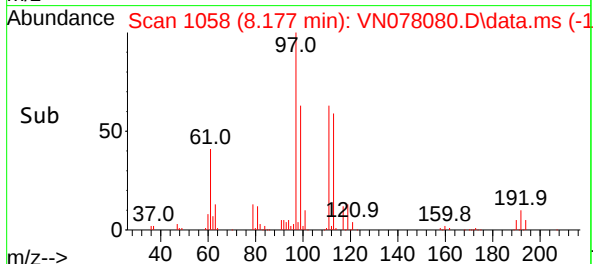
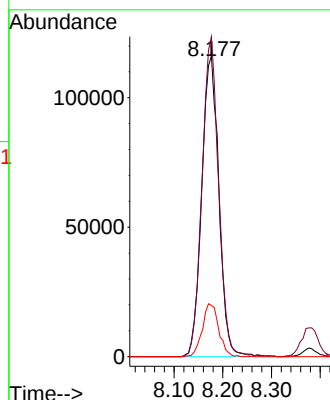
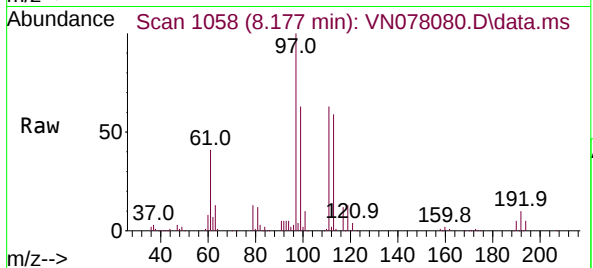
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	123.8
192	16.8	12.7	19.1

Manual Integrations

APPROVED

Reviewed By : John Carlone 06/07/2023

Supervised By : Mahesh Dadoda 06/07/2023



#36

1,1-Dichloropropene

Concen: 49.631 ug/l

RT: 8.377 min Scan# 1092

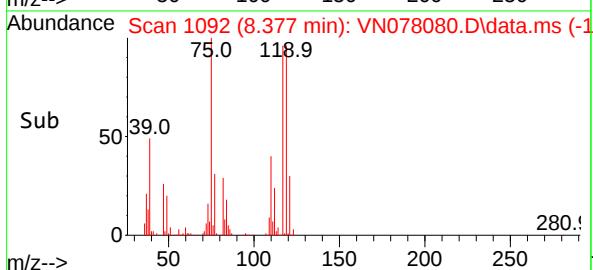
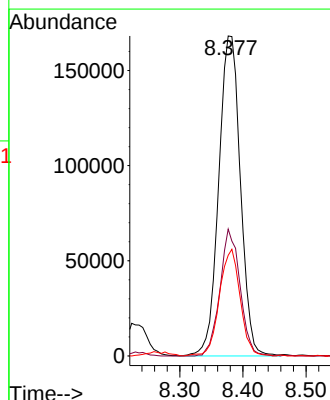
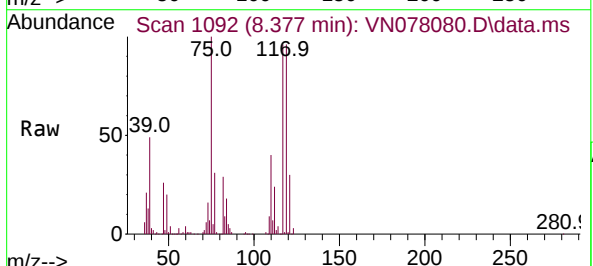
Delta R.T. 0.000 min

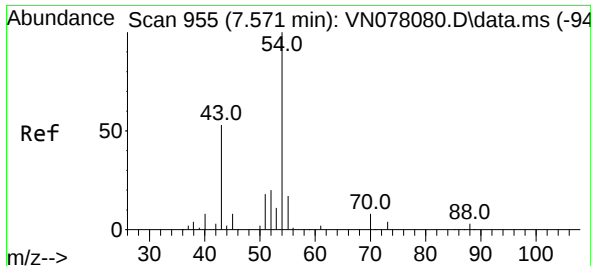
Lab File: VN078080.D

Acq: 06 Jun 2023 21:23

Tgt Ion: 75 Resp: 401699

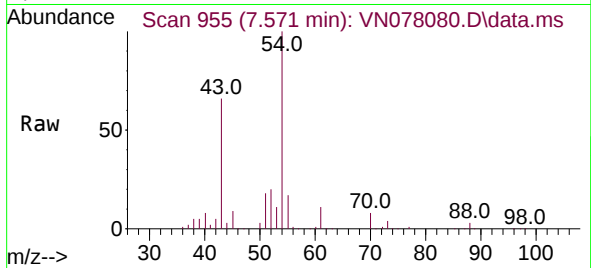
Ion	Ratio	Lower	Upper
75	100		
110	36.8	19.1	57.3
77	31.9	25.0	37.4





#37
Ethyl Acetate
Concen: 49.702 ug/l
RT: 7.571 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

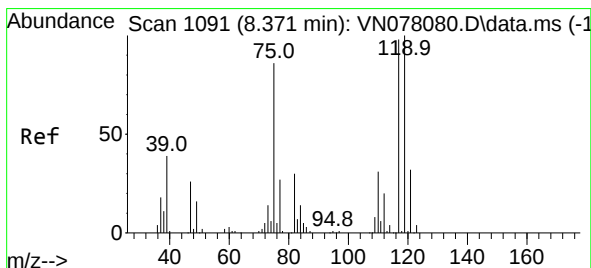
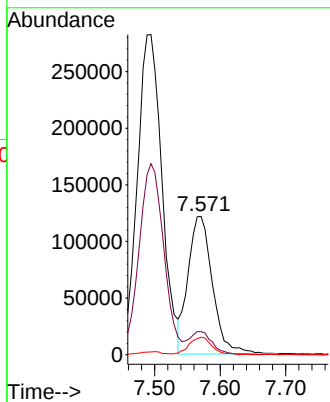
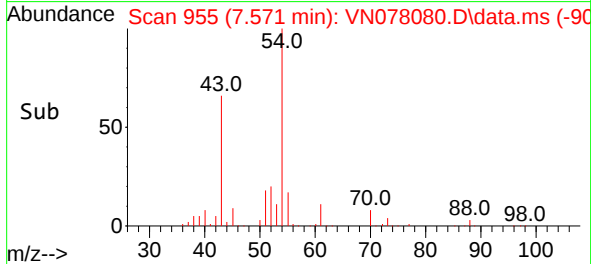
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 314254
Ion Ratio Lower Upper
43 100
61 14.9 13.2 19.8
70 11.7 11.3 16.9

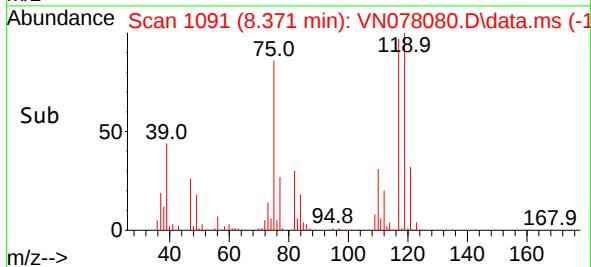
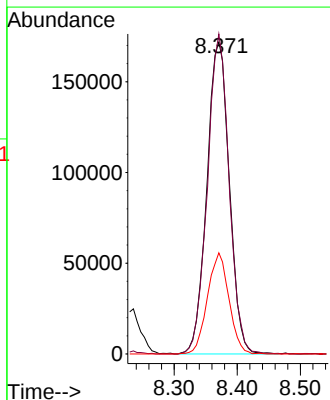
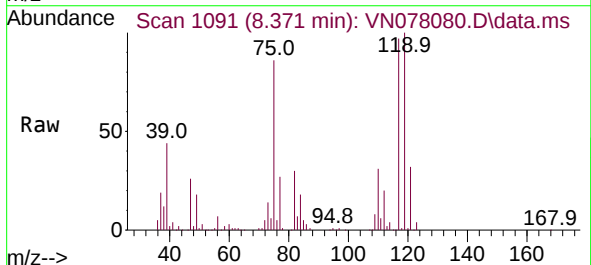
Manual Integrations
APPROVED

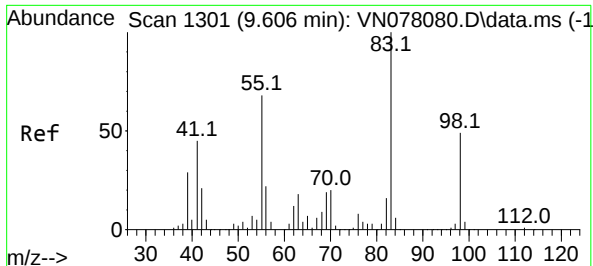
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#38
Carbon Tetrachloride
Concen: 49.719 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

Tgt Ion:117 Resp: 424911
Ion Ratio Lower Upper
117 100
119 102.6 77.3 115.9
121 32.4 23.3 34.9





#39

Methylcyclohexane

Concen: 48.931 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN078080.D

Acq: 06 Jun 2023 21:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 41042

Ion Ratio Lower Upper

83 100

55 68.4 49.1 73.7

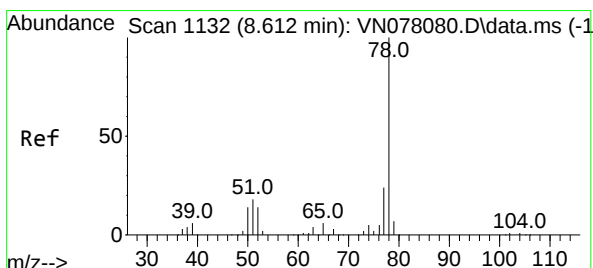
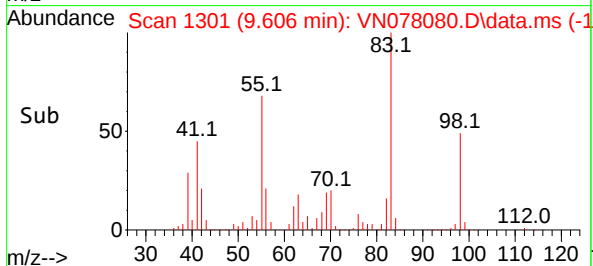
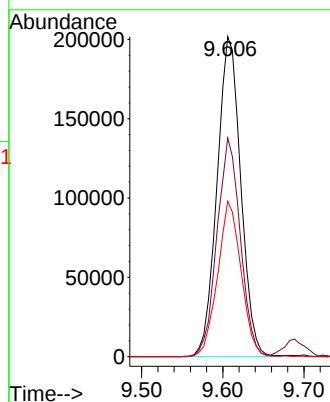
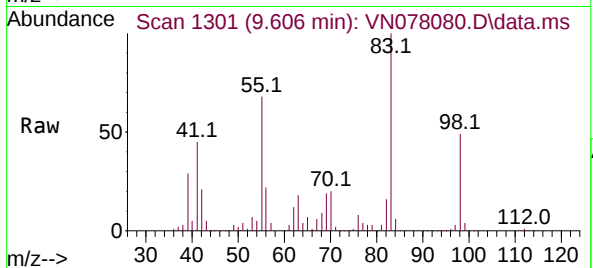
98 48.5 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#40

Benzene

Concen: 49.922 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN078080.D

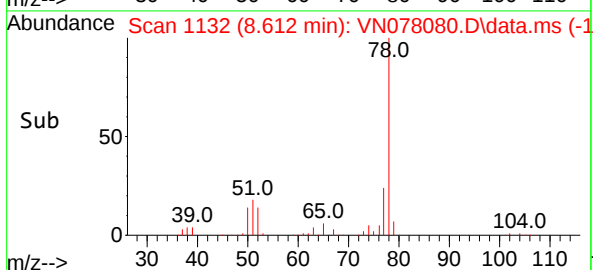
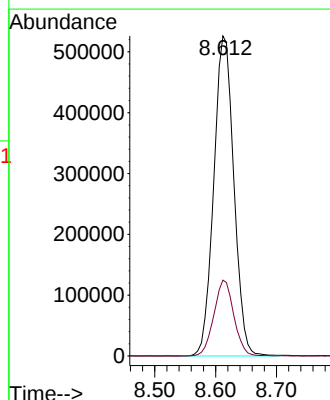
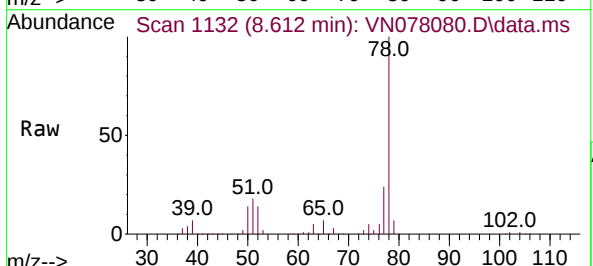
Acq: 06 Jun 2023 21:23

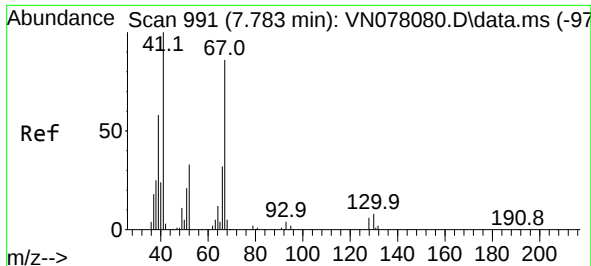
Tgt Ion: 78 Resp: 1206266

Ion Ratio Lower Upper

78 100

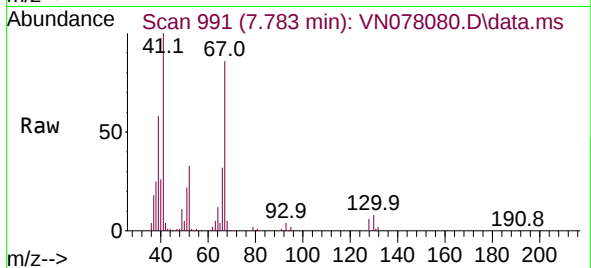
77 23.7 19.0 28.6





#41
Methacrylonitrile
Concen: 47.263 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

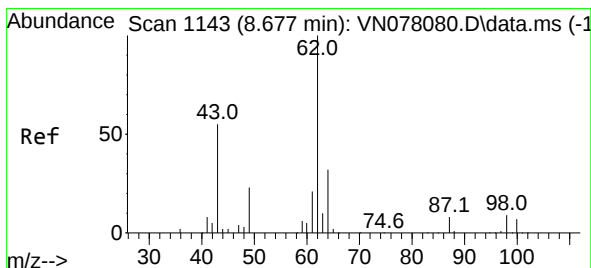
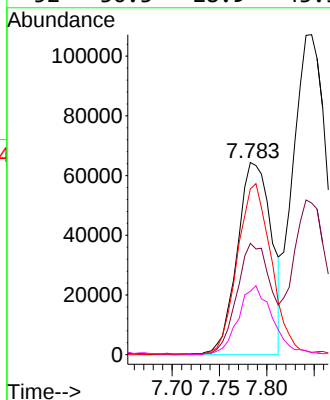
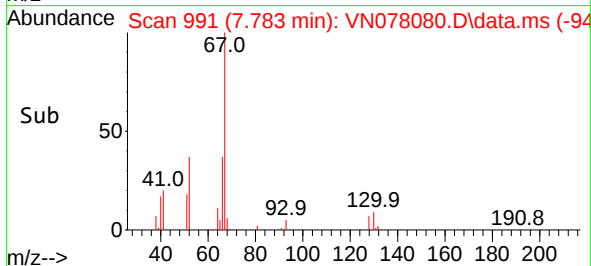
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 16197
Ion Ratio Lower Upper
41 100
39 56.3 42.6 64.0
67 89.5 77.5 116.3
52 36.3 28.9 43.3

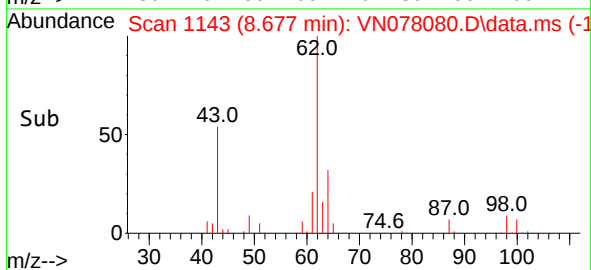
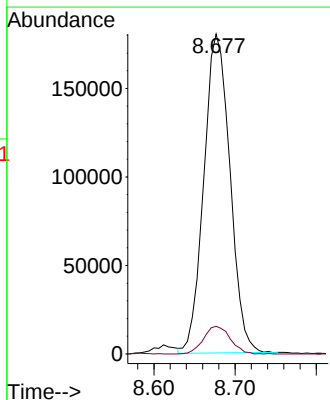
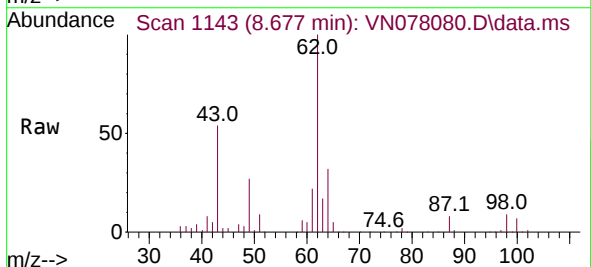
Manual Integrations
APPROVED

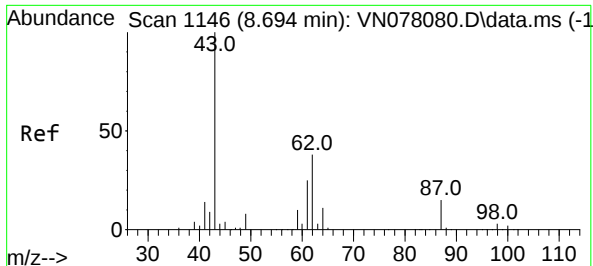
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#42
1,2-Dichloroethane
Concen: 48.704 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

Tgt Ion: 62 Resp: 403509
Ion Ratio Lower Upper
62 100
98 8.9 0.0 19.8





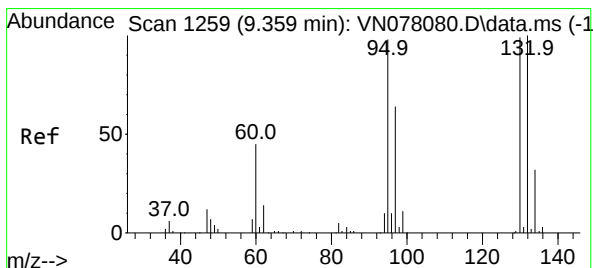
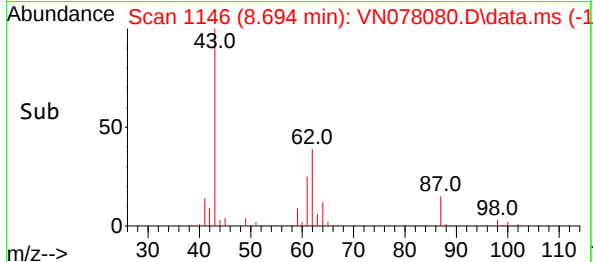
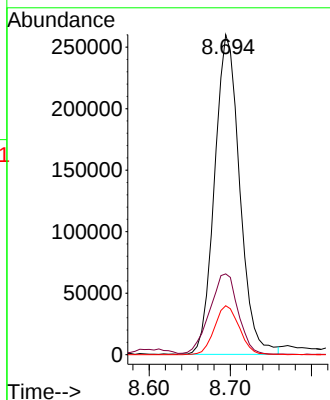
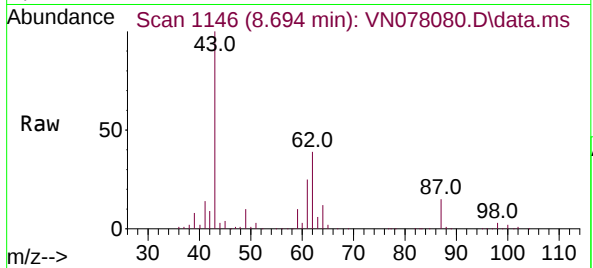
#43
Isopropyl Acetate
Concen: 46.333 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 560264
Ion Ratio Lower Upper
43 100
61 28.4 24.7 37.1
87 15.1 14.6 21.8

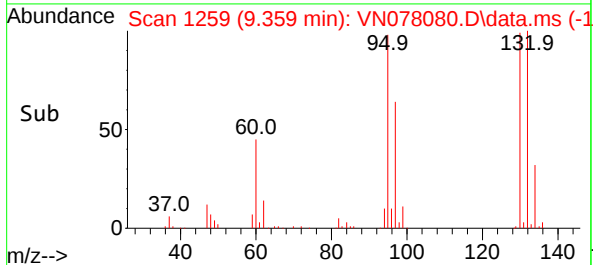
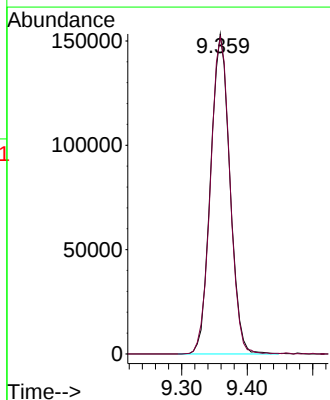
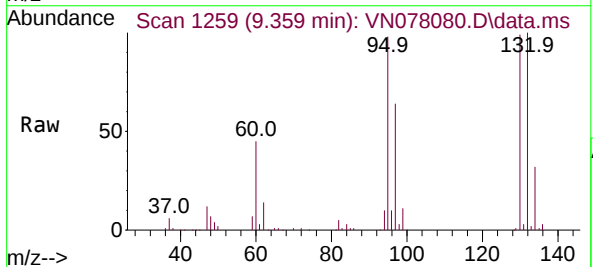
Manual Integrations
APPROVED

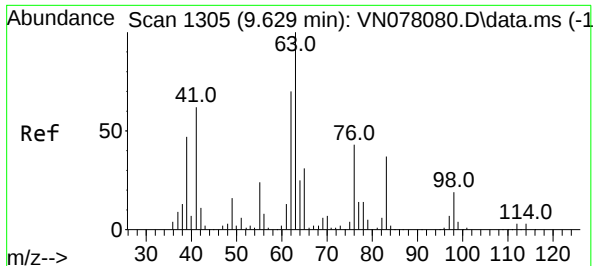
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#44
Trichloroethene
Concen: 49.010 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

Tgt Ion:130 Resp: 312746
Ion Ratio Lower Upper
130 100
95 99.1 0.0 204.6





#45

1,2-Dichloropropane

Concen: 49.497 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VN078080.D

Acq: 06 Jun 2023 21:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 297570

Ion Ratio Lower Upper

63 100

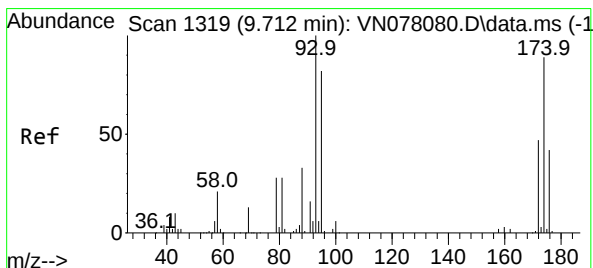
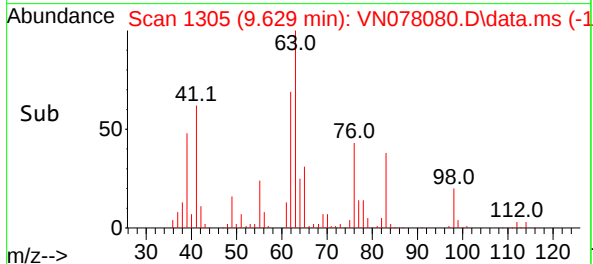
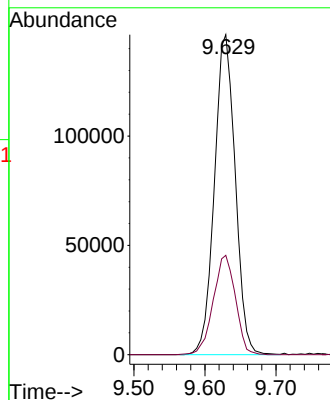
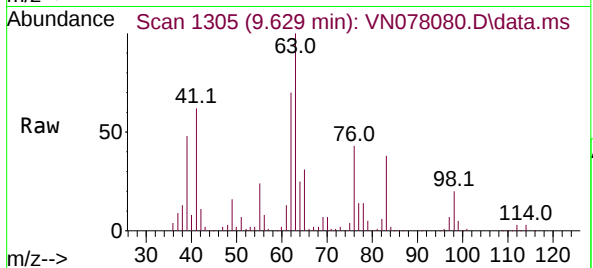
65 31.1 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#46

Dibromomethane

Concen: 48.587 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN078080.D

Acq: 06 Jun 2023 21:23

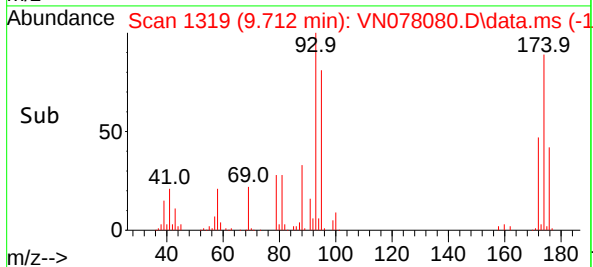
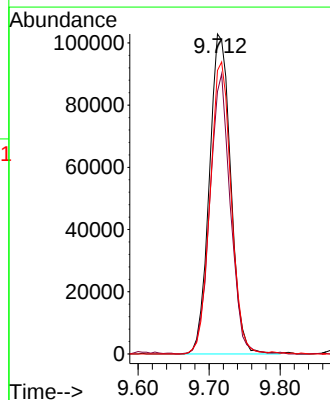
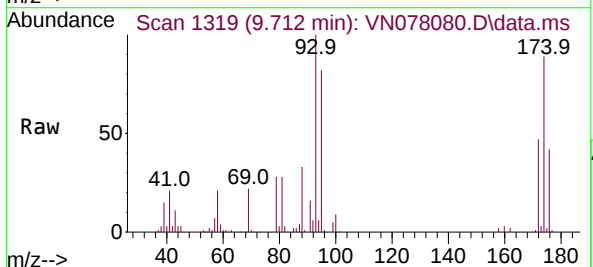
Tgt Ion: 93 Resp: 215149

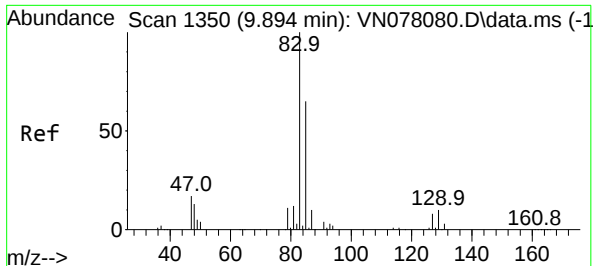
Ion Ratio Lower Upper

93 100

95 83.4 63.8 95.8

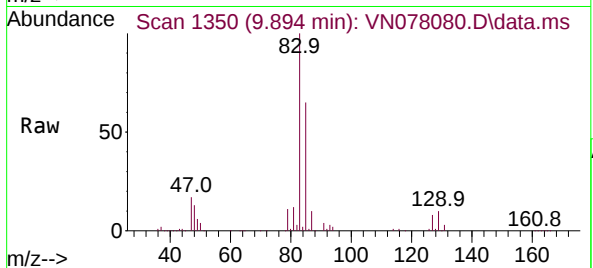
174 89.8 65.6 98.4





#47
Bromodichloromethane
Concen: 51.635 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

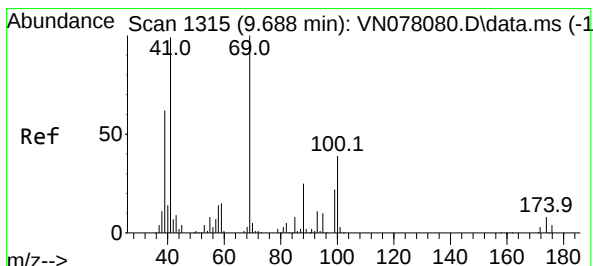
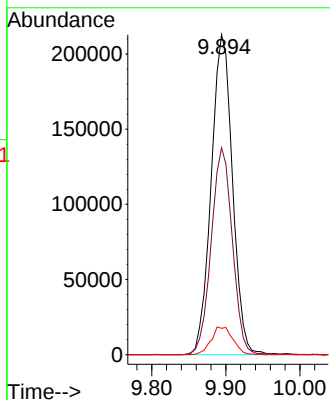
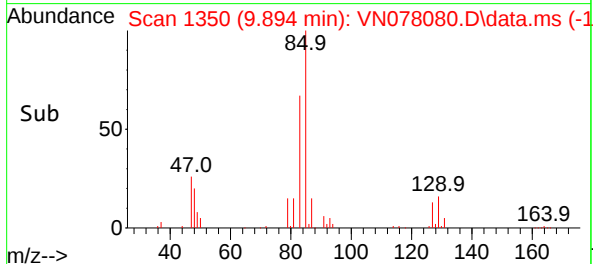
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 424718
Ion Ratio Lower Upper
83 100
85 64.7 49.6 74.4
127 8.2 7.0 10.6

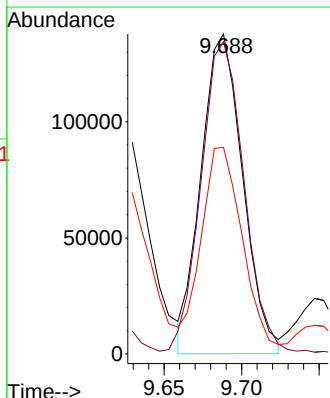
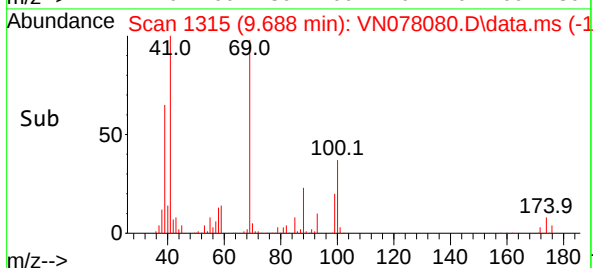
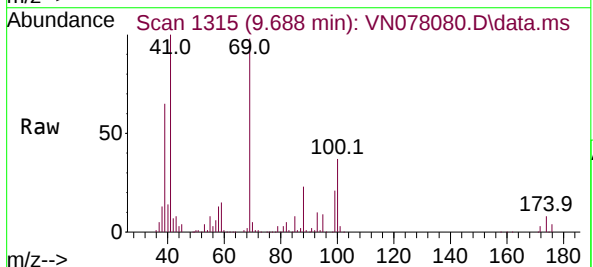
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APPROVED

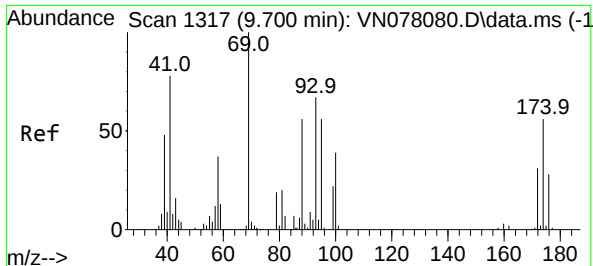
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#48
Methyl methacrylate
Concen: 50.751 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

Tgt Ion: 41 Resp: 257540
Ion Ratio Lower Upper
41 100
69 102.1 90.4 135.6
39 64.4 54.6 81.8





#49

1,4-Dioxane

Concen: 936.660 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN078080.D

Acq: 06 Jun 2023 21:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 99900

Ion Ratio Lower Upper

88 100

43 26.0 17.0 25.6

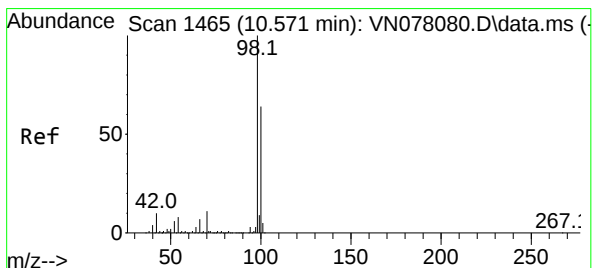
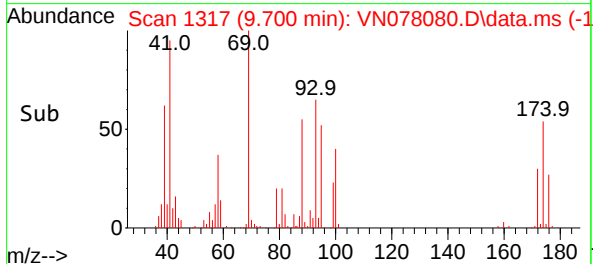
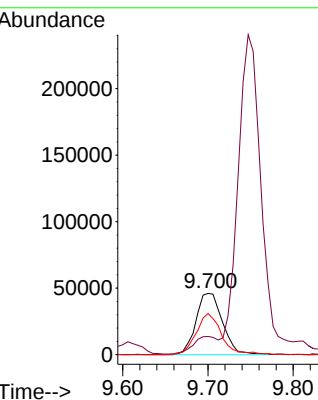
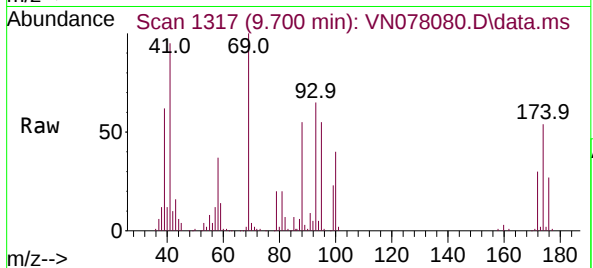
58 64.1 47.0 70.4

Manual Integrations

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Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#50

Toluene-d8

Concen: 50.368 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN078080.D

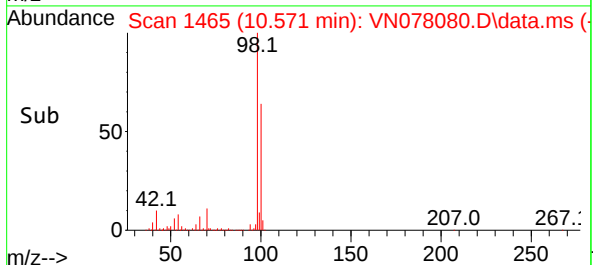
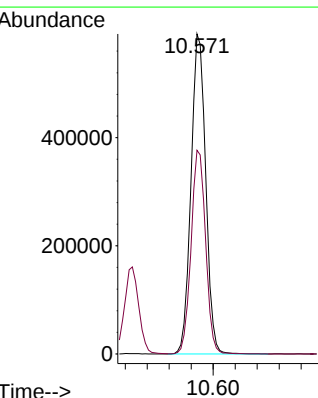
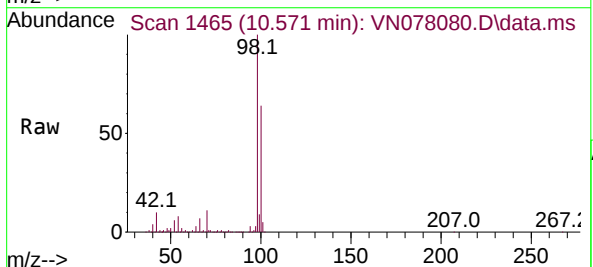
Acq: 06 Jun 2023 21:23

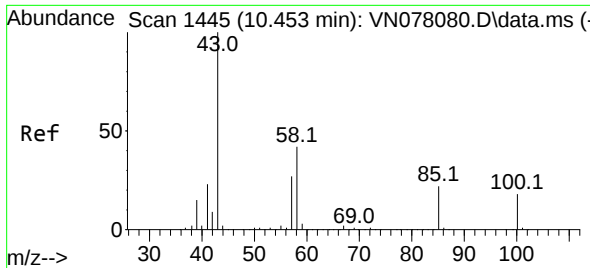
Tgt Ion: 98 Resp: 1095660

Ion Ratio Lower Upper

98 100

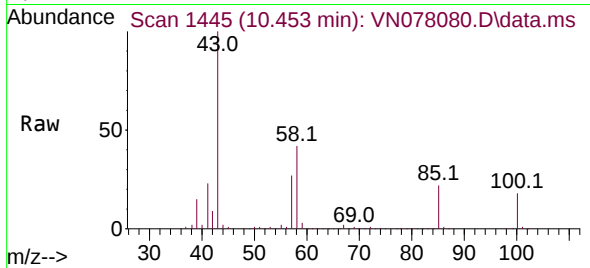
100 62.9 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 253.770 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

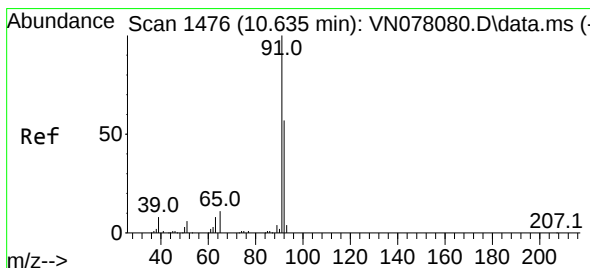
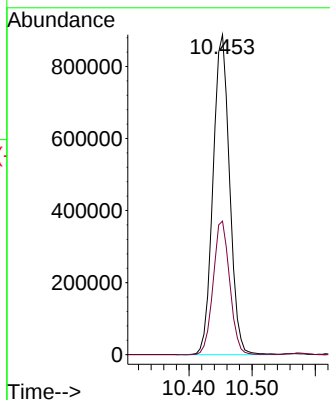
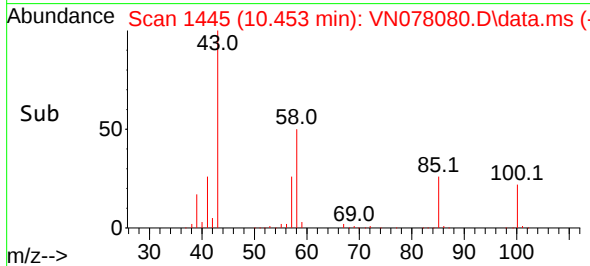
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



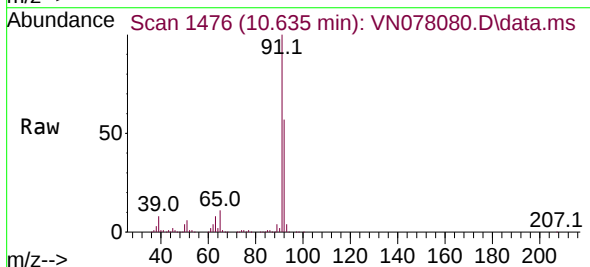
Tgt Ion: 43 Resp: 161590
Ion Ratio Lower Upper
43 100
58 41.8 36.6 54.8

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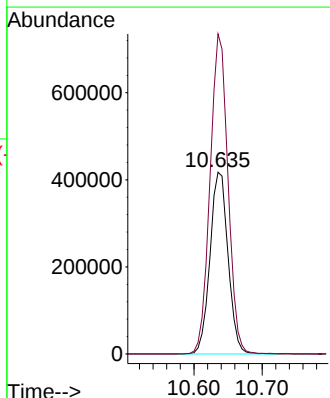
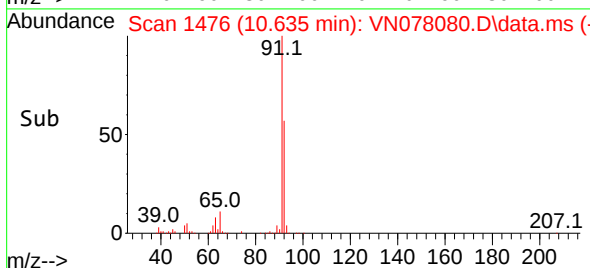
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

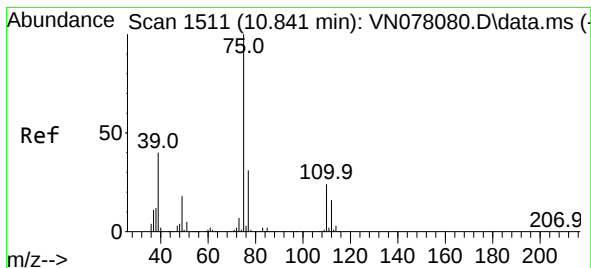


#52
Toluene
Concen: 50.463 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23



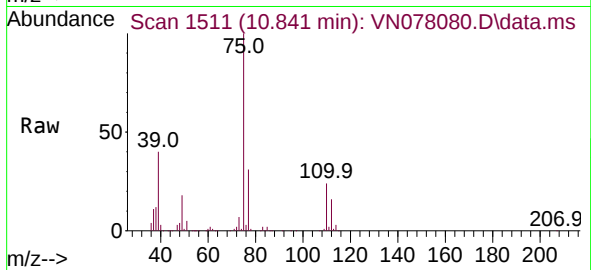
Tgt Ion: 92 Resp: 769867
Ion Ratio Lower Upper
92 100
91 174.8 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 52.907 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

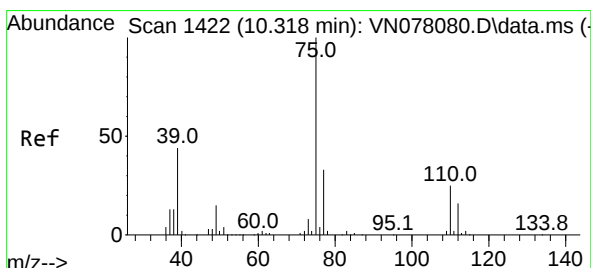
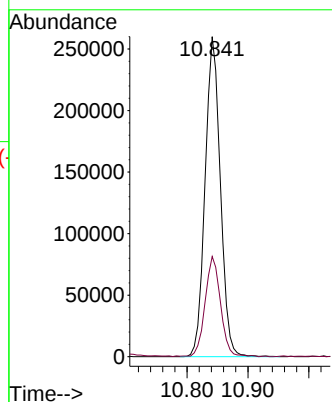
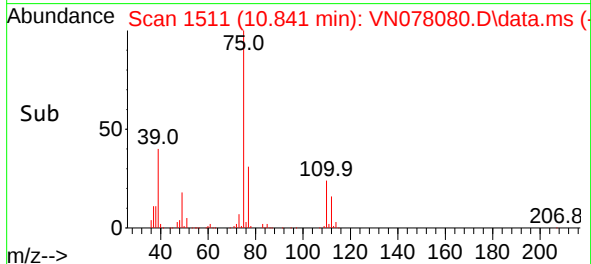
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 453214
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.0

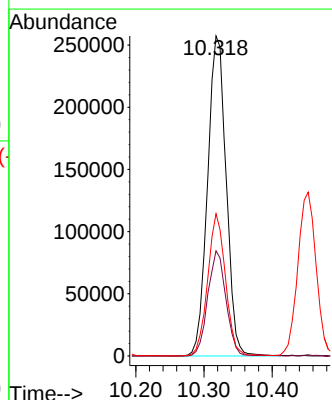
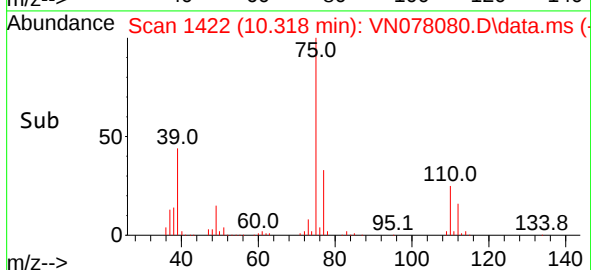
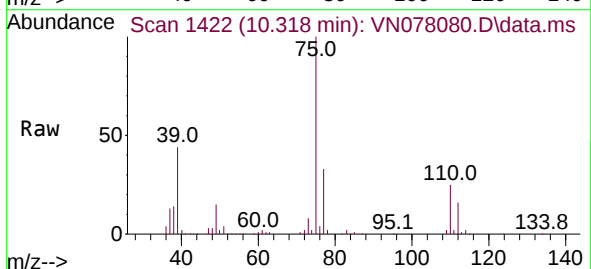
Manual Integrations
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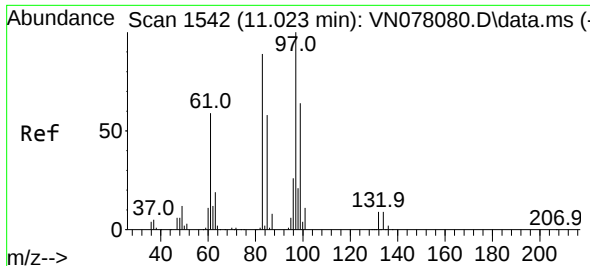
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#54
cis-1,3-Dichloropropene
Concen: 51.624 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

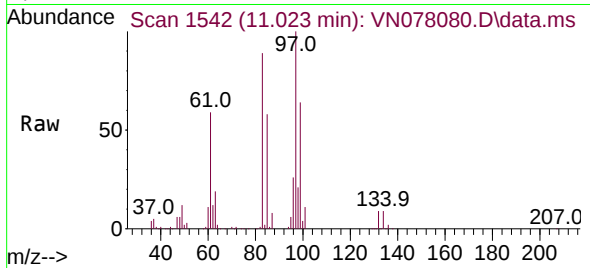
Tgt Ion: 75 Resp: 488840
Ion Ratio Lower Upper
75 100
77 32.9 26.1 39.1
39 44.5 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 51.442 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

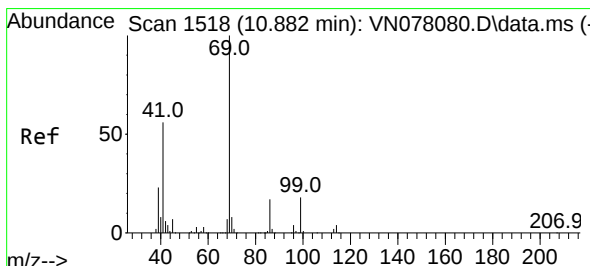
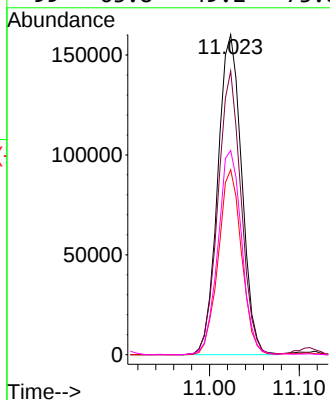
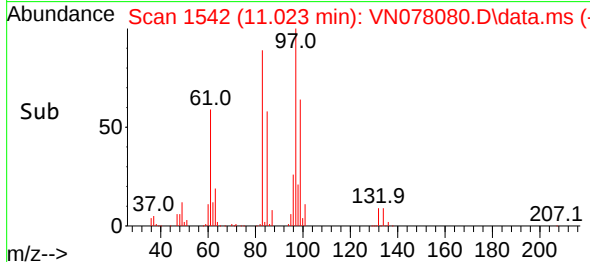


Tgt Ion: 97 Resp: 296884

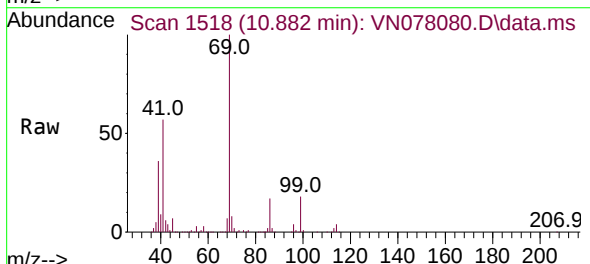
Ion	Ratio	Lower	Upper
97	100		
83	88.7	65.1	97.7
85	57.8	43.4	65.2
99	63.8	49.2	73.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

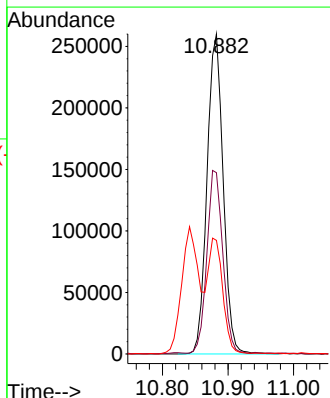
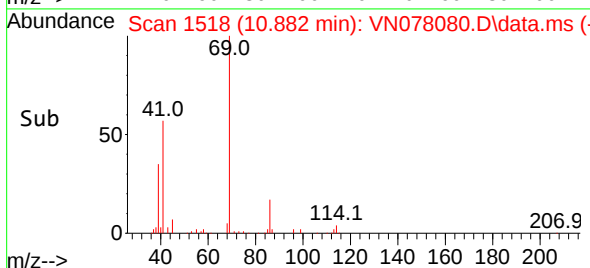


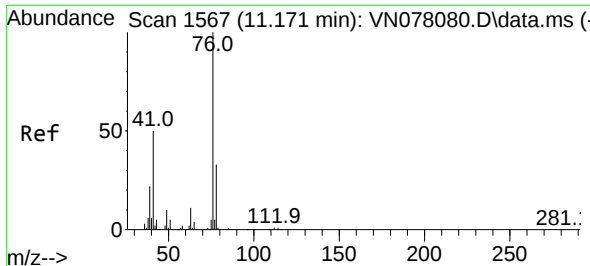
#56
Ethyl methacrylate
Concen: 52.898 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23



Tgt Ion: 69 Resp: 444521

Ion	Ratio	Lower	Upper
69	100		
41	56.4	39.6	59.4
39	31.7	28.6	43.0





#57

1,3-Dichloropropane

Concen: 51.032 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VN078080.D

Acq: 06 Jun 2023 21:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 497128

Ion Ratio Lower Upper

76 100

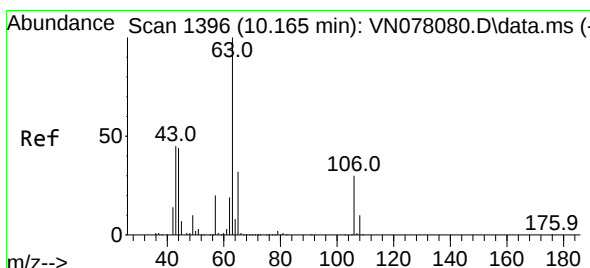
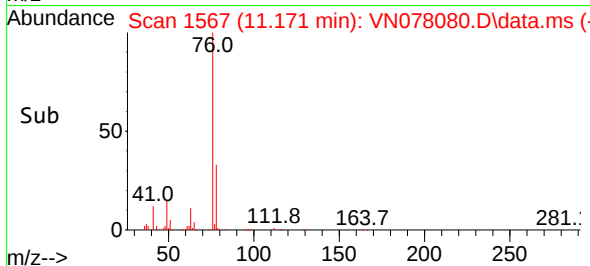
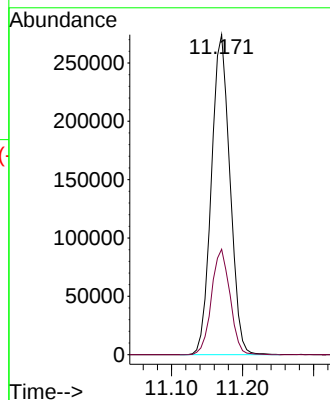
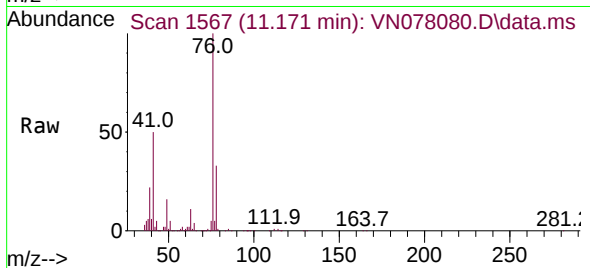
78 32.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#58

2-Chloroethyl Vinyl ether

Concen: 262.887 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN078080.D

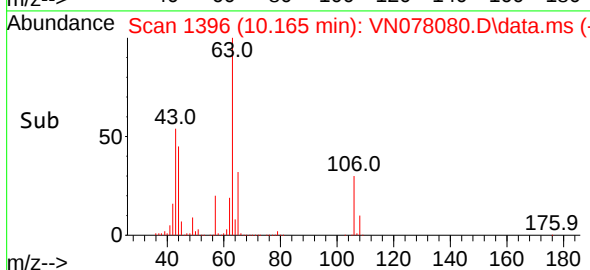
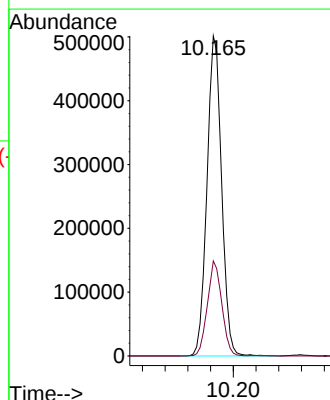
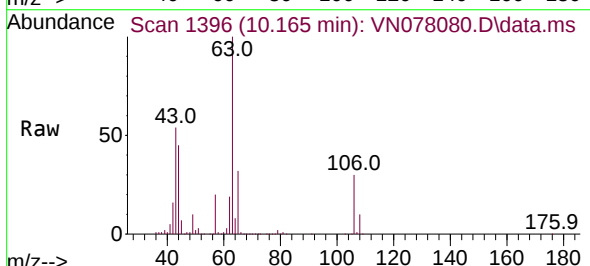
Acq: 06 Jun 2023 21:23

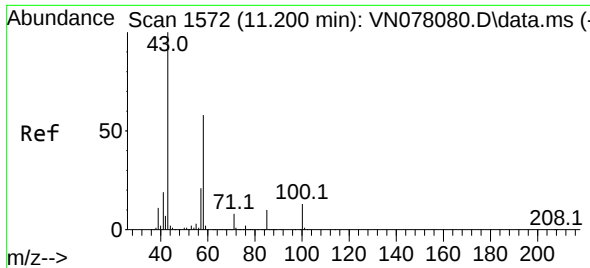
Tgt Ion: 63 Resp: 892415

Ion Ratio Lower Upper

63 100

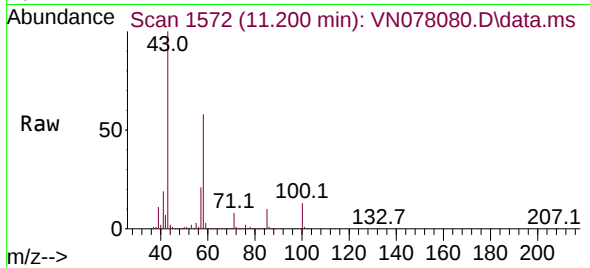
106 29.3 26.2 39.4





#59
2-Hexanone
Concen: 258.227 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

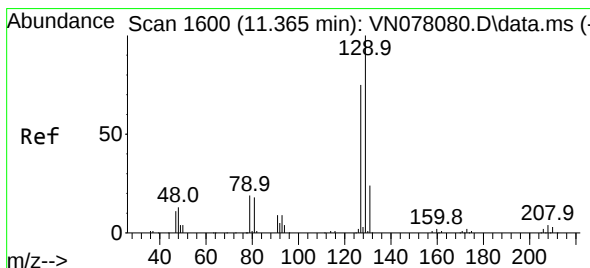
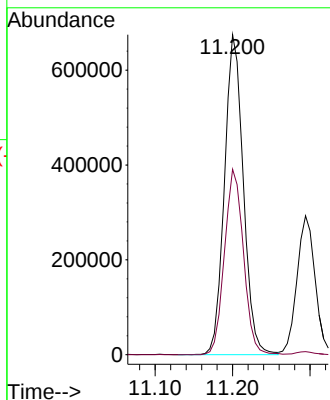
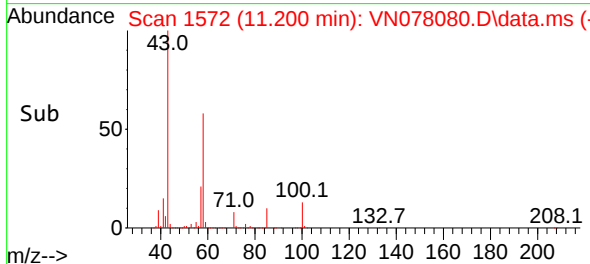
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 114489
Ion Ratio Lower Upper
43 100
58 58.3 31.7 95.1

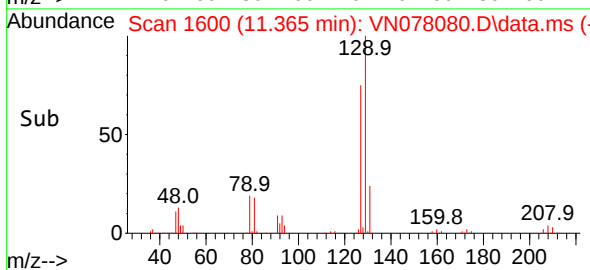
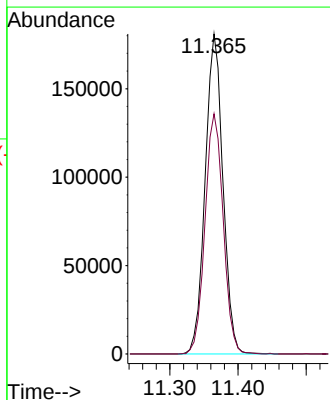
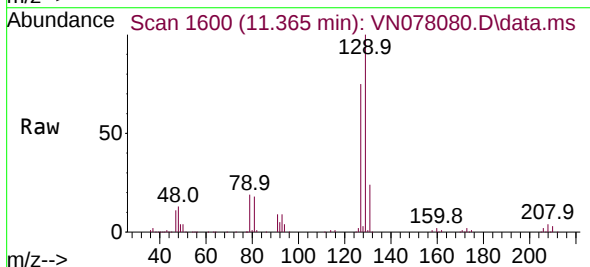
Manual Integrations
APPROVED

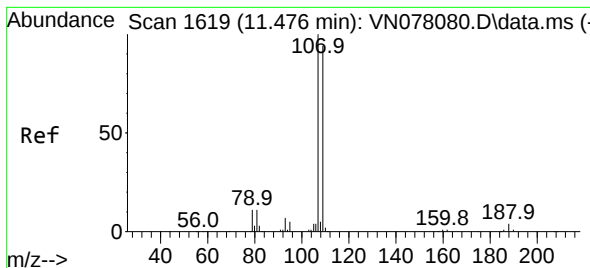
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#60
Dibromochloromethane
Concen: 51.899 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

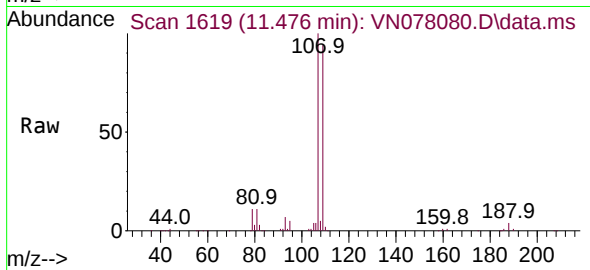
Tgt Ion:129 Resp: 327749
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 50.999 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

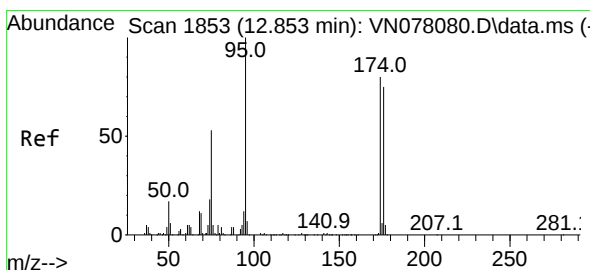
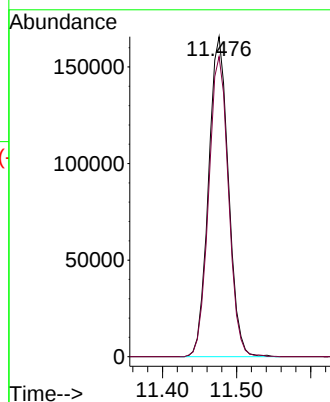
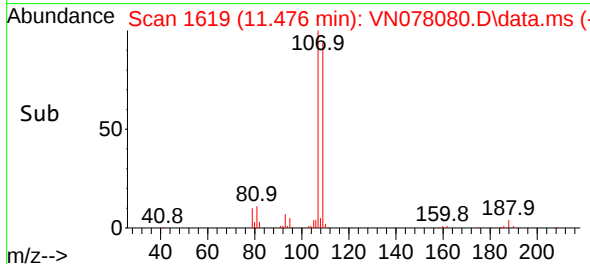
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



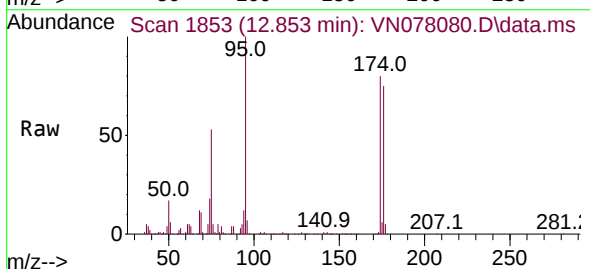
Tgt Ion:107 Resp: 308875
Ion Ratio Lower Upper
107 100
109 93.5 76.6 114.8

Manual Integrations
APPROVED

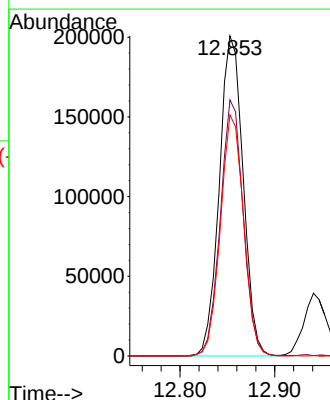
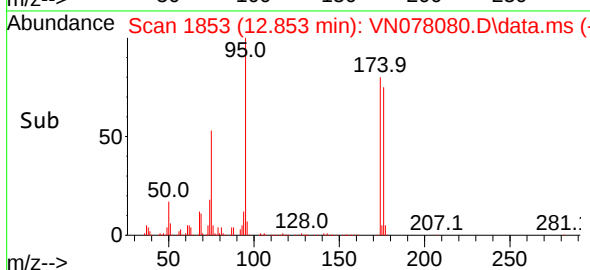
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

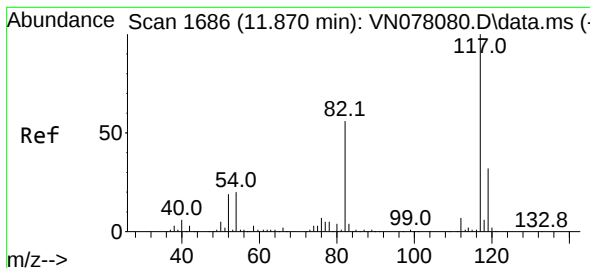


#62
4-Bromofluorobenzene
Concen: 51.808 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23



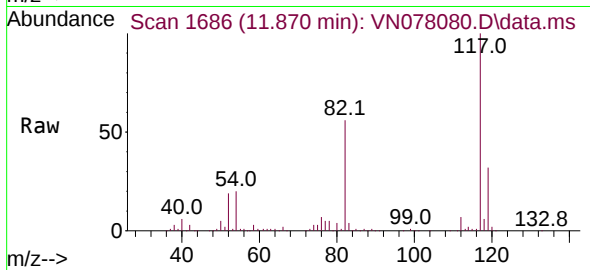
Tgt Ion: 95 Resp: 350354
Ion Ratio Lower Upper
95 100
174 76.9 0.0 143.8
176 73.6 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

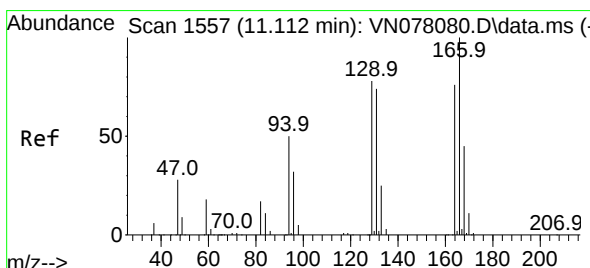
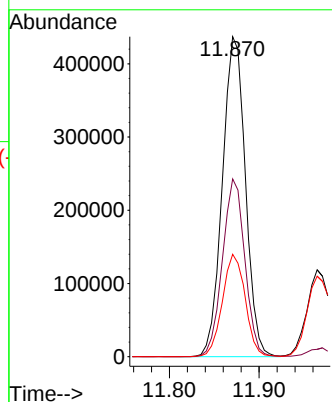
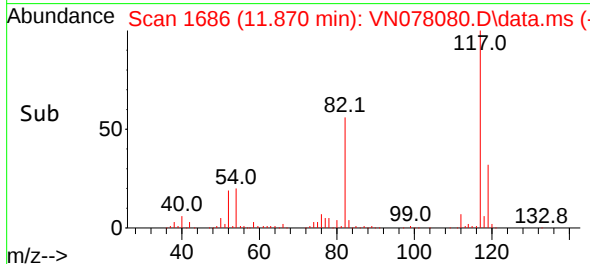
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 779164
Ion Ratio Lower Upper
117 100
82 55.5 44.0 66.0
119 32.0 25.6 38.4

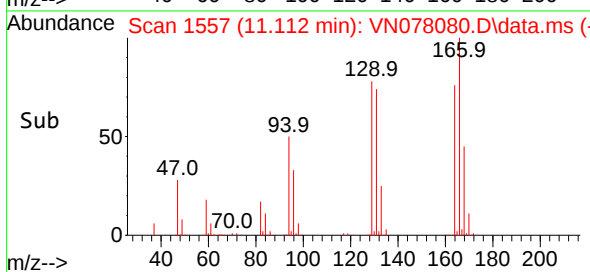
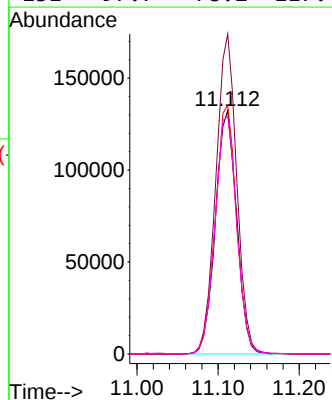
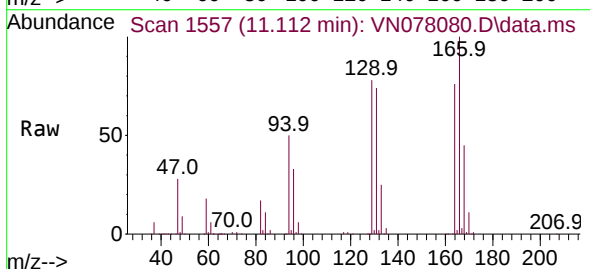
Manual Integrations
APPROVED

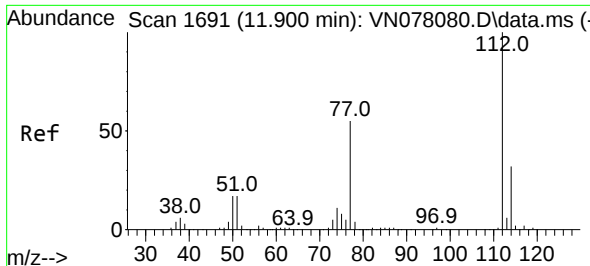
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#64
Tetrachloroethene
Concen: 46.313 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

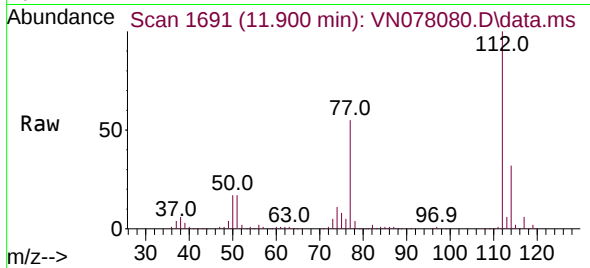
Tgt Ion:164 Resp: 240740
Ion Ratio Lower Upper
164 100
166 131.5 101.4 152.0
129 102.4 82.4 123.6
131 97.7 78.2 117.4





#65
Chlorobenzene
Concen: 49.564 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

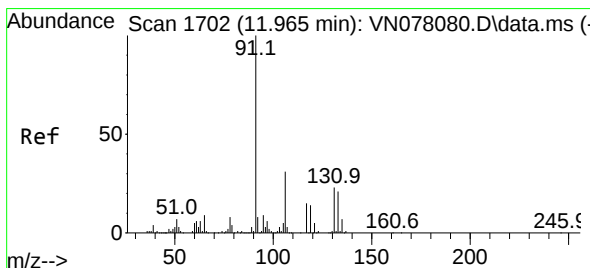
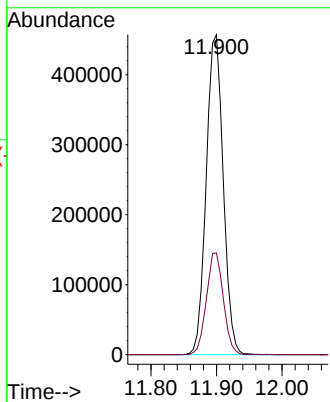
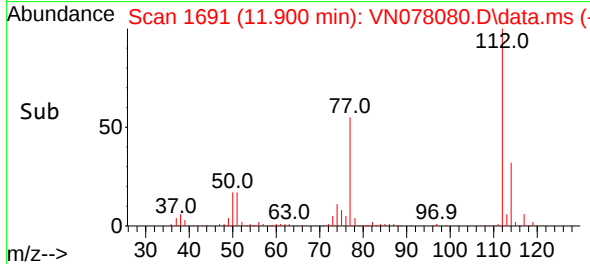
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



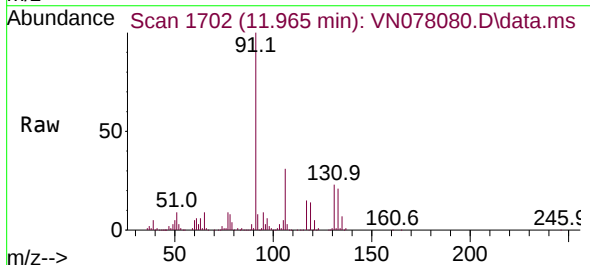
Tgt Ion:112 Resp: 827029
Ion Ratio Lower Upper
112 100
114 31.8 25.0 37.4

Manual Integrations
APPROVED

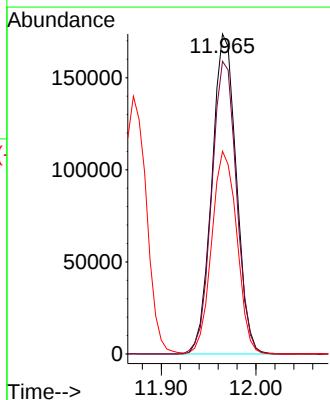
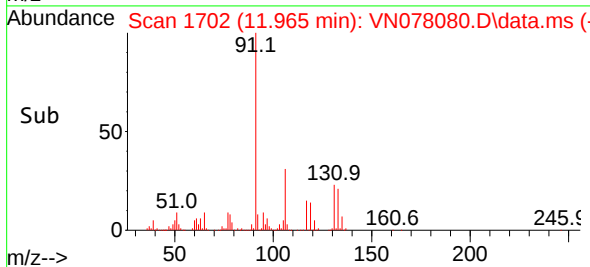
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

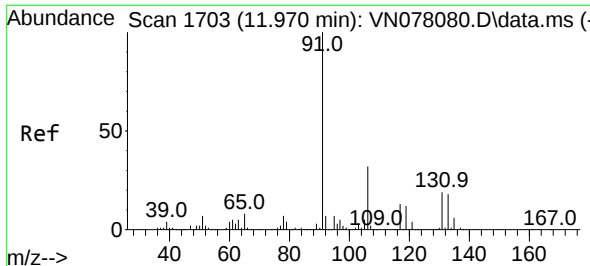


#66
1,1,1,2-Tetrachloroethane
Concen: 50.681 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23



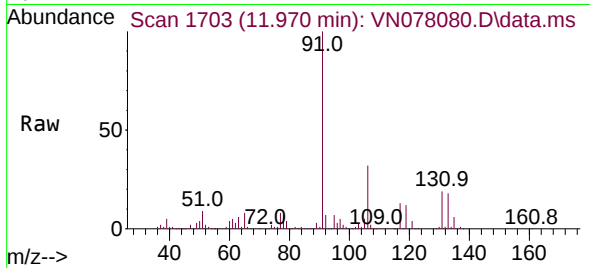
Tgt Ion:131 Resp: 311040
Ion Ratio Lower Upper
131 100
133 93.1 46.4 139.1
119 65.4 34.1 102.2





#67
Ethyl Benzene
Concen: 50.100 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

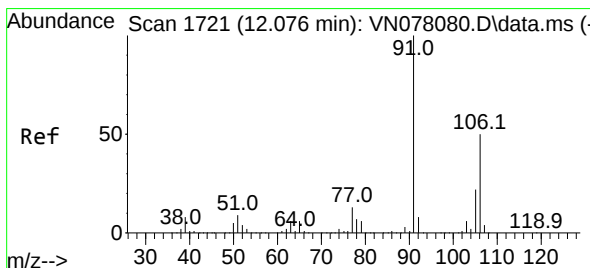
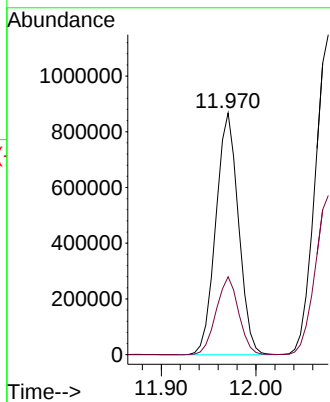
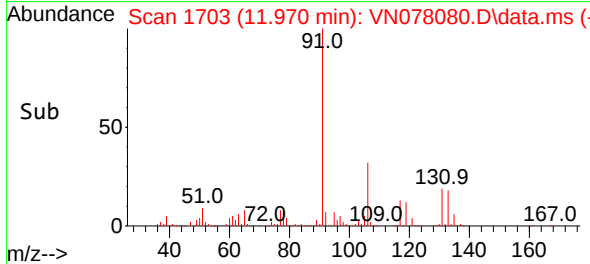
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



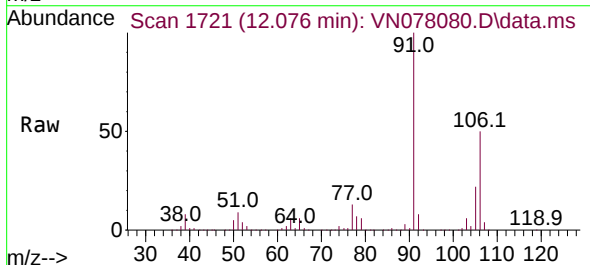
Tgt Ion: 91 Resp: 1442469
Ion Ratio Lower Upper
91 100
106 32.2 25.6 38.4

Manual Integrations
APPROVED

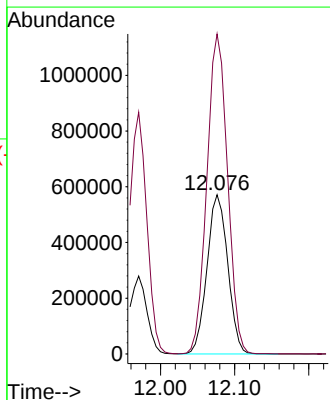
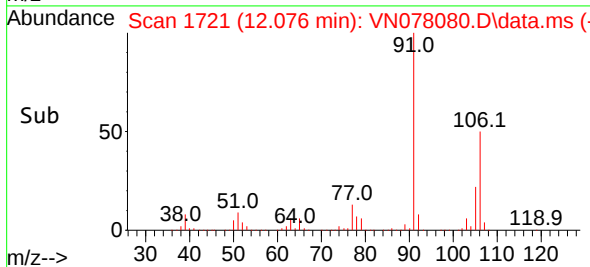
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

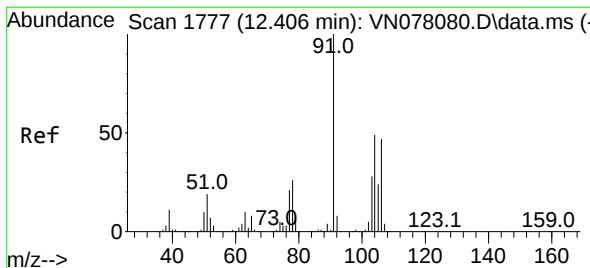


#68
m/p-Xylenes
Concen: 101.261 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23



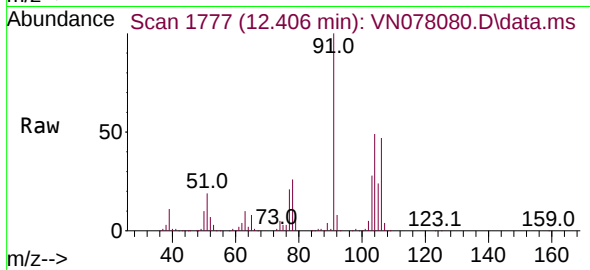
Tgt Ion:106 Resp: 1111100
Ion Ratio Lower Upper
106 100
91 200.7 159.6 239.4





#69
o-Xylene
Concen: 50.654 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

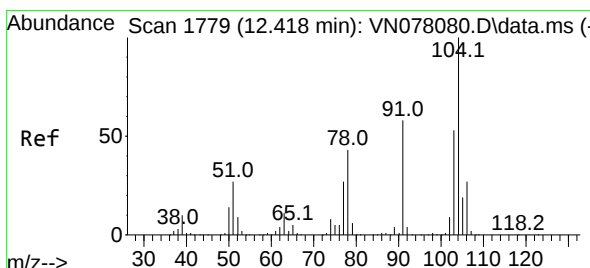
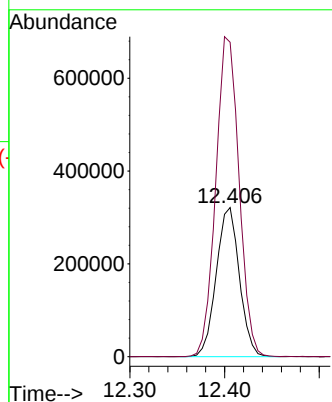
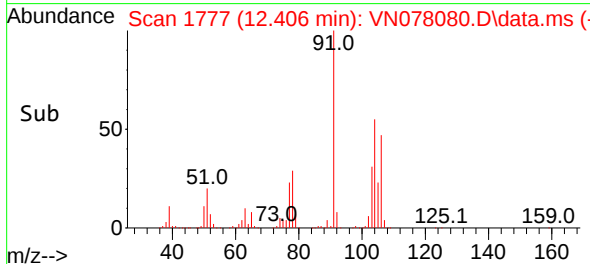
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:106 Resp: 545809
Ion Ratio Lower Upper
106 100
91 216.5 105.2 315.5

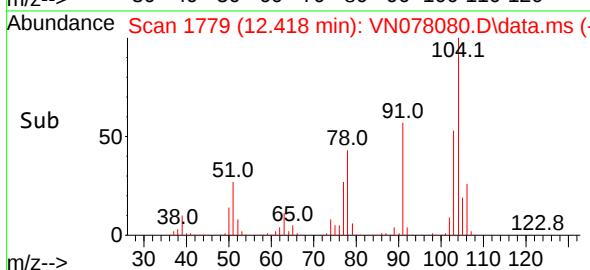
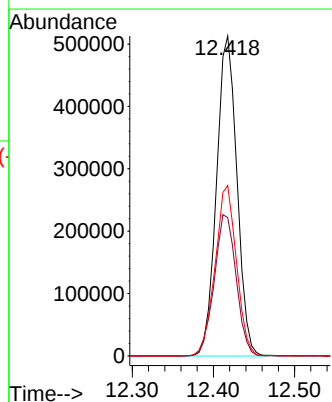
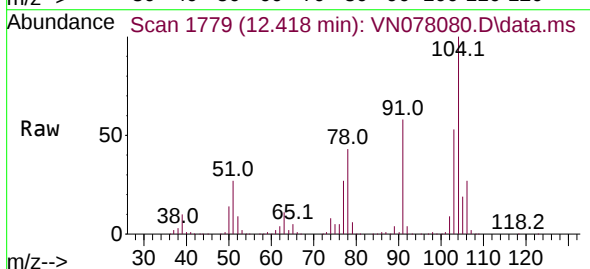
Manual Integrations
APPROVED

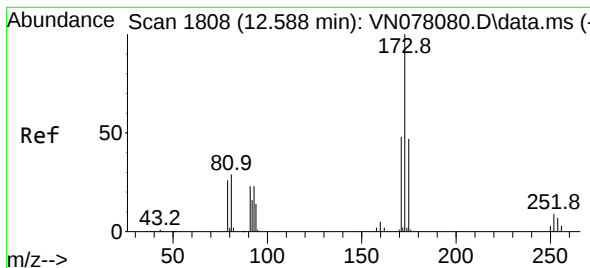
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#70
Styrene
Concen: 52.823 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

Tgt Ion:104 Resp: 896077
Ion Ratio Lower Upper
104 100
78 47.6 39.5 59.3
103 55.7 43.2 64.8





#71

Bromoform

Concen: 53.092 ug/l

RT: 12.588 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VN078080.D

Acq: 06 Jun 2023 21:23

Instrument :

MSVOA_N

ClientSampleId :

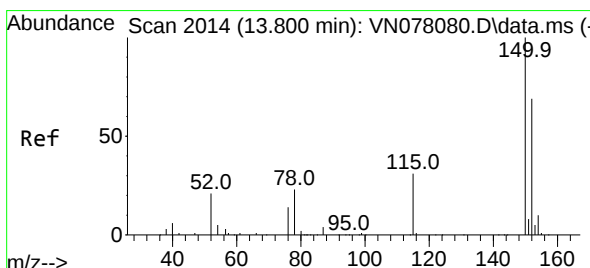
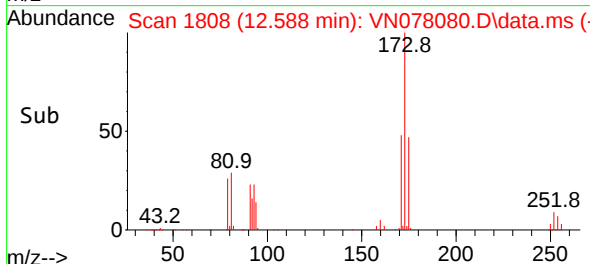
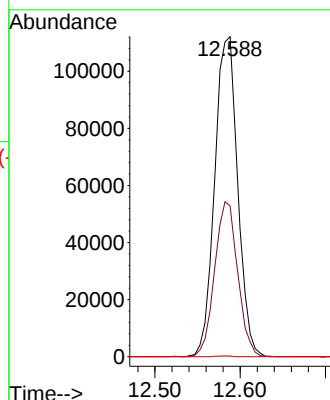
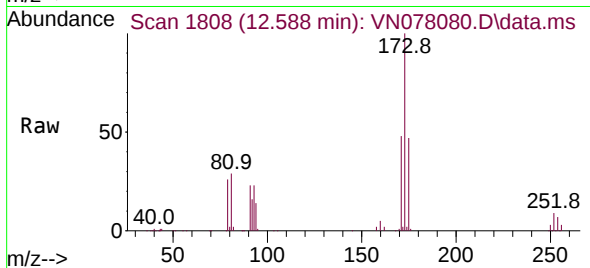
VSTDICCC050

Tgt Ion:173 Resp: 210275
 Ion Ratio Lower Upper
 173 100
 175 48.4 24.3 73.0
 254 0.2 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023
 Supervised By :Mahesh Dadoda 06/07/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

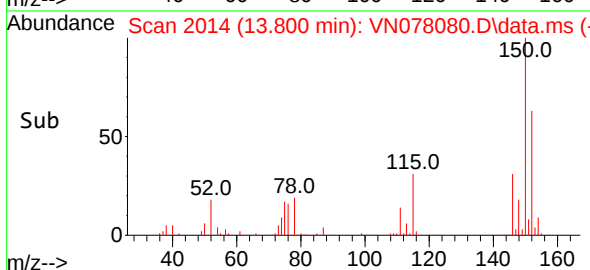
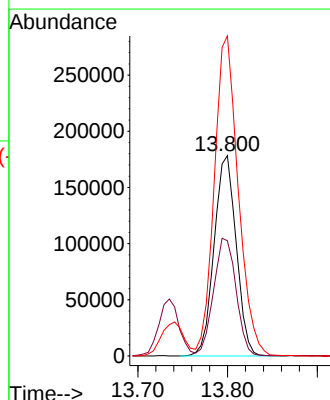
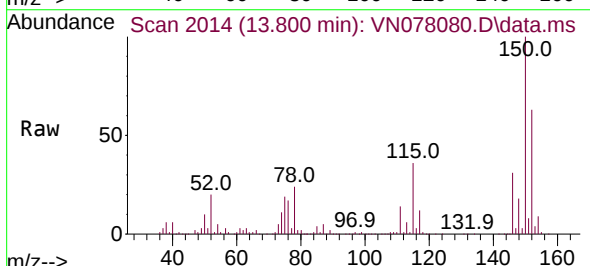
RT: 13.800 min Scan# 2014

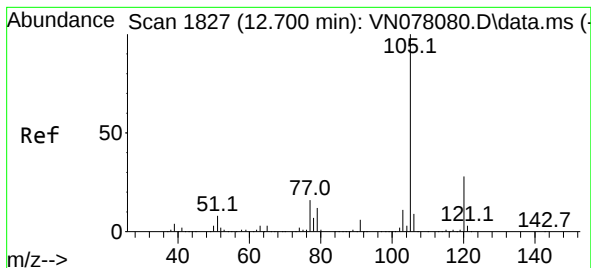
Delta R.T. 0.000 min

Lab File: VN078080.D

Acq: 06 Jun 2023 21:23

Tgt Ion:152 Resp: 304762
 Ion Ratio Lower Upper
 152 100
 115 59.6 32.3 96.8
 150 172.9 0.0 355.8





#73

Isopropylbenzene

Concen: 46.306 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN078080.D

Acq: 06 Jun 2023 21:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 1334508

Ion Ratio Lower Upper

105 100

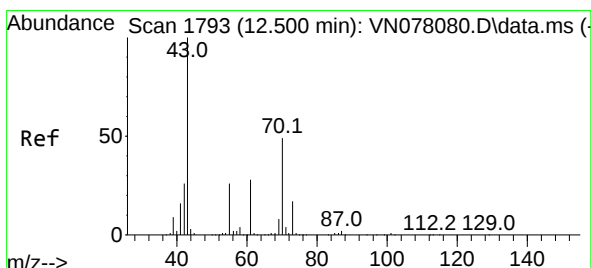
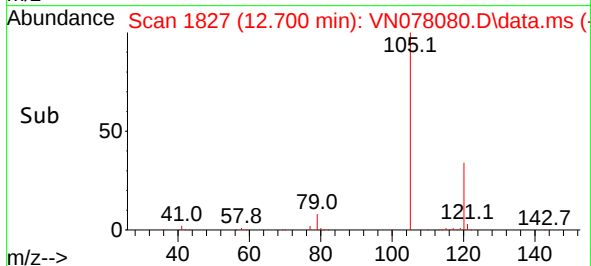
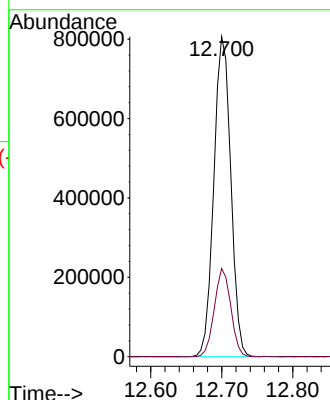
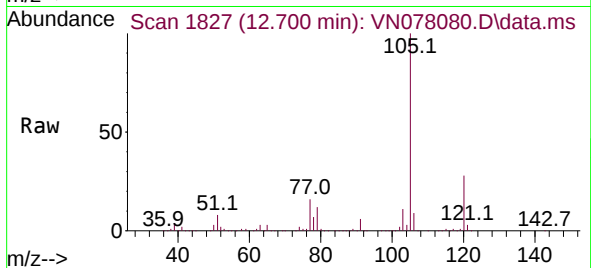
120 26.7 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#74

N-ethyl acetate

Concen: 47.743 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VN078080.D

Acq: 06 Jun 2023 21:23

Tgt Ion: 43 Resp: 453092

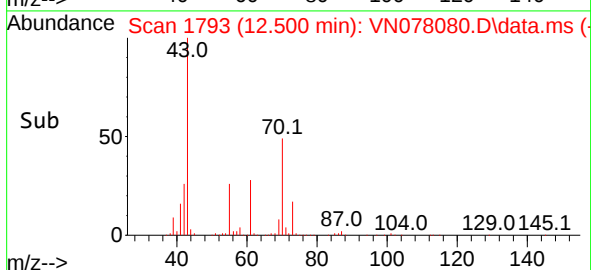
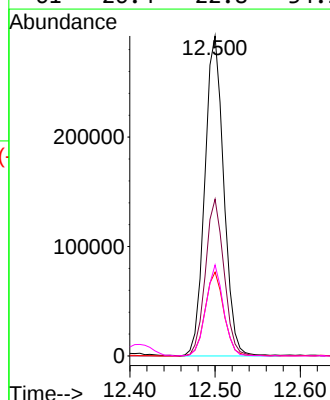
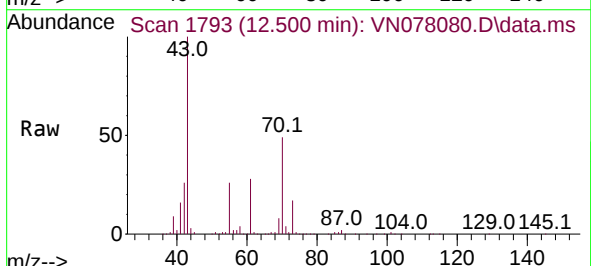
Ion Ratio Lower Upper

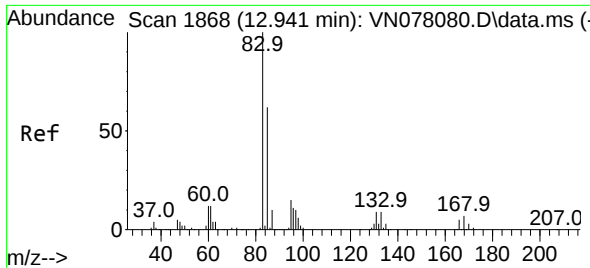
43 100

70 48.0 43.4 65.2

55 25.9 21.4 32.0

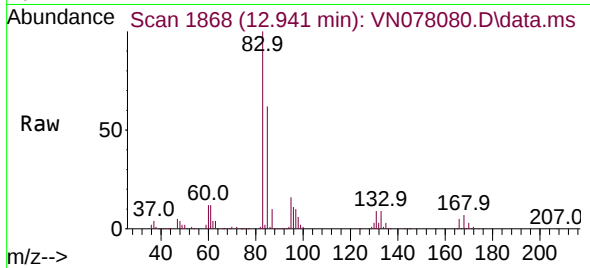
61 26.4 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 52.622 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

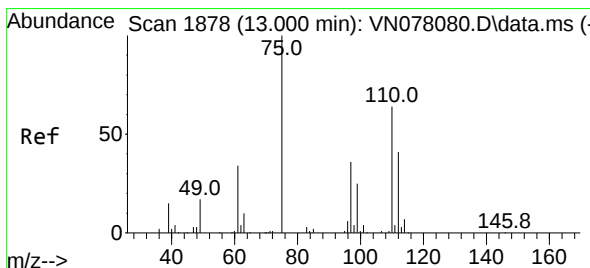
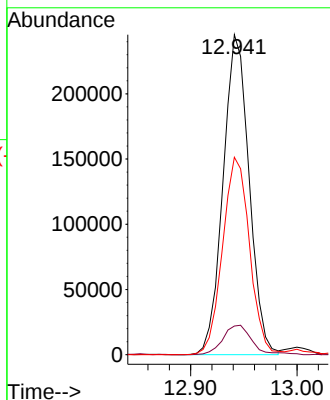
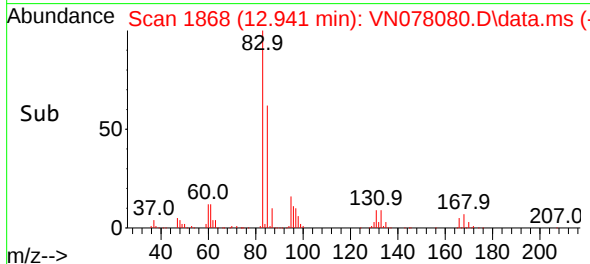
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 416089
Ion Ratio Lower Upper
83 100
131 10.2 5.0 15.0
85 64.0 31.9 95.7

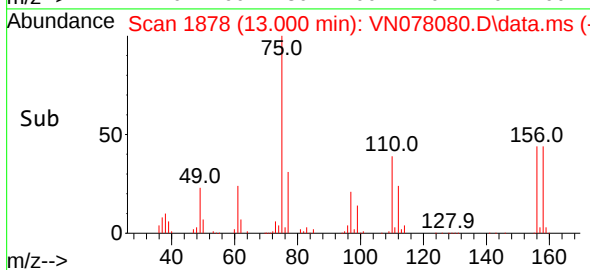
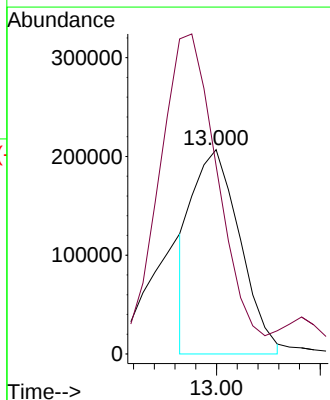
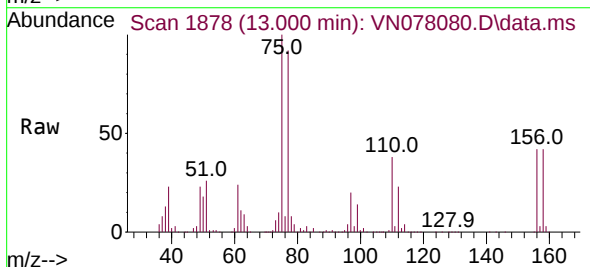
Manual Integrations
APPROVED

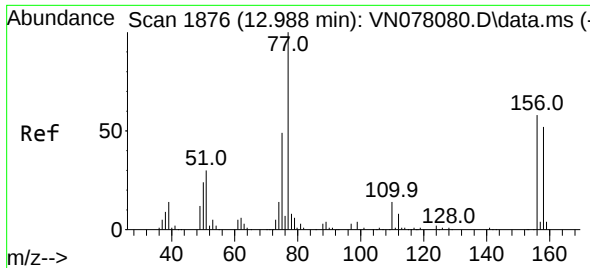
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#76
1,2,3-Trichloropropane
Concen: 45.704 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

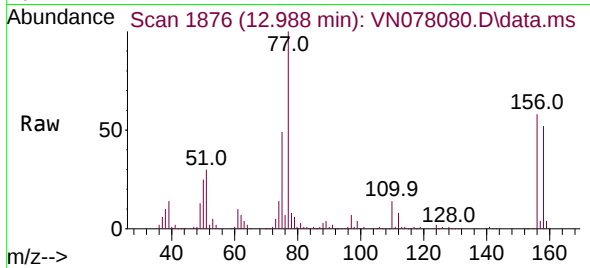
Tgt Ion: 75 Resp: 330691
Ion Ratio Lower Upper
75 100
77 195.5 84.5 253.5





#77
Bromobenzene
Concen: 47.637 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

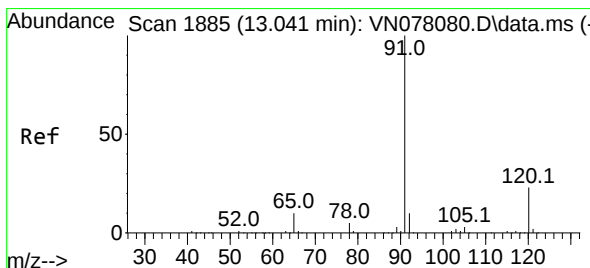
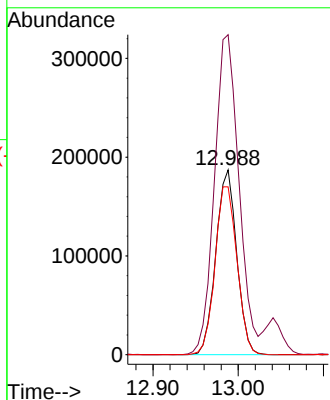
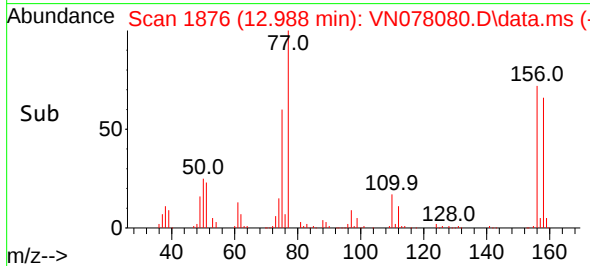
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



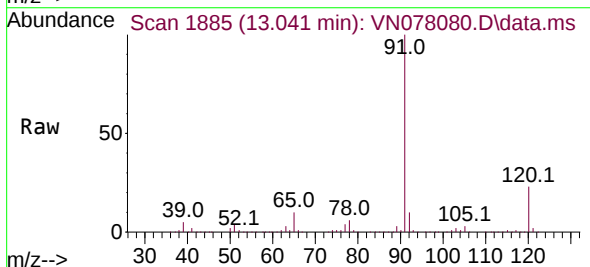
Tgt Ion:156 Resp: 318692
Ion Ratio Lower Upper
156 100
77 202.8 107.7 323.3
158 95.9 48.4 145.3

Manual Integrations
APPROVED

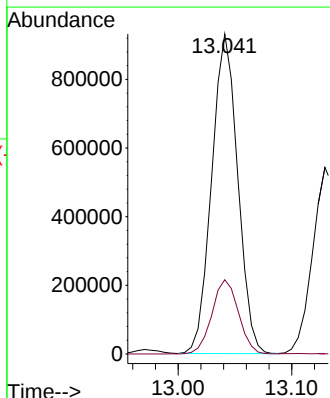
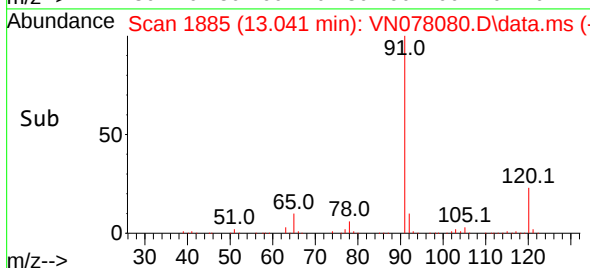
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

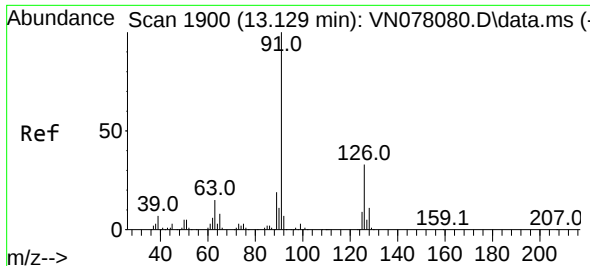


#78
n-propylbenzene
Concen: 47.391 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23



Tgt Ion: 91 Resp: 1483880
Ion Ratio Lower Upper
91 100
120 23.6 11.5 34.4





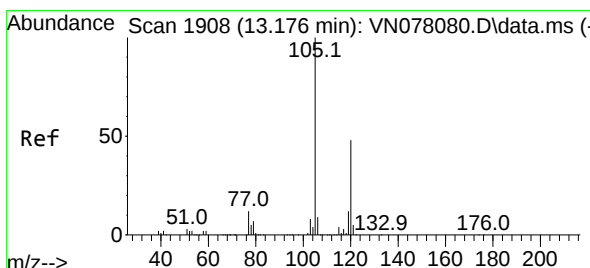
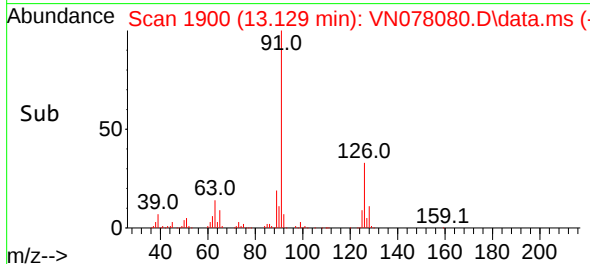
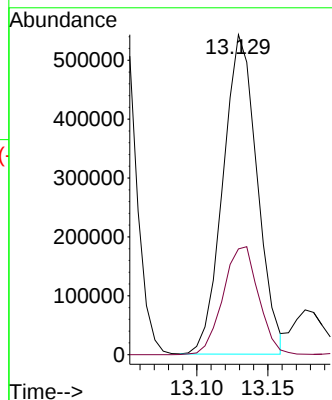
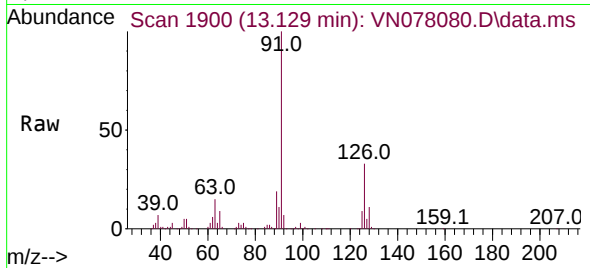
#79
2-Chlorotoluene
Concen: 44.962 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 908758
Ion Ratio Lower Upper
91 100
126 35.2 16.3 48.8

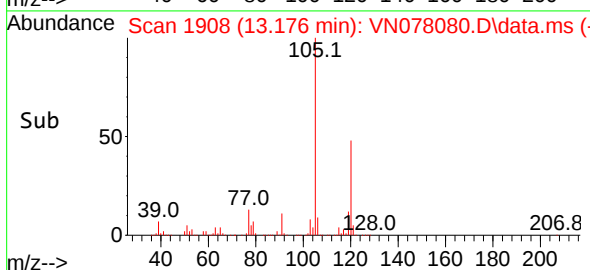
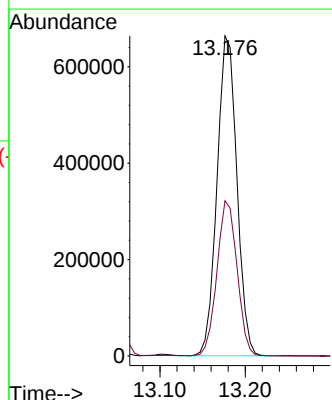
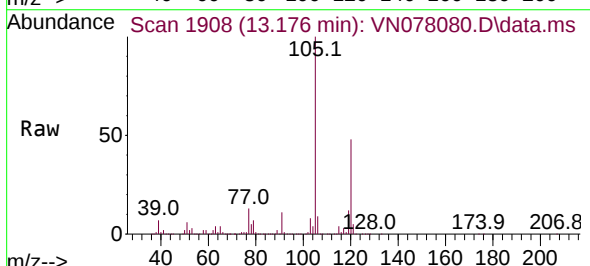
Manual Integrations
APPROVED

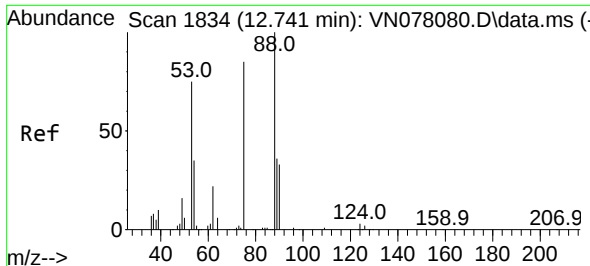
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#80
1,3,5-Trimethylbenzene
Concen: 46.022 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

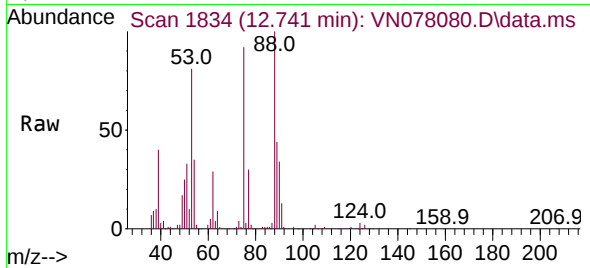
Tgt Ion:105 Resp: 1073816
Ion Ratio Lower Upper
105 100
120 49.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 49.071 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

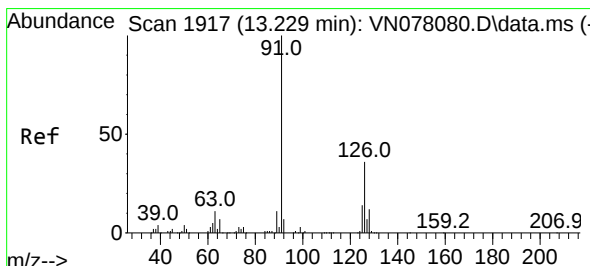
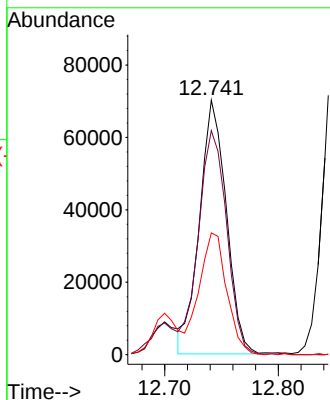
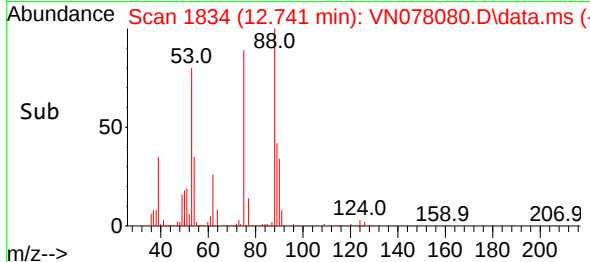
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 11507
Ion Ratio Lower Upper
75 100
53 92.0 67.4 101.2
89 49.0 38.8 58.2

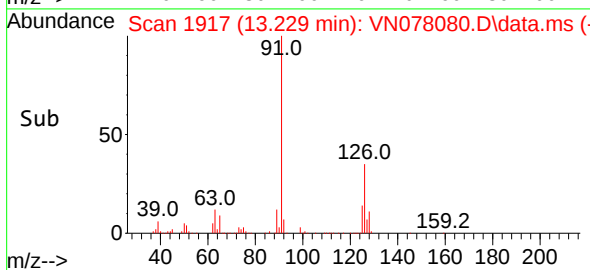
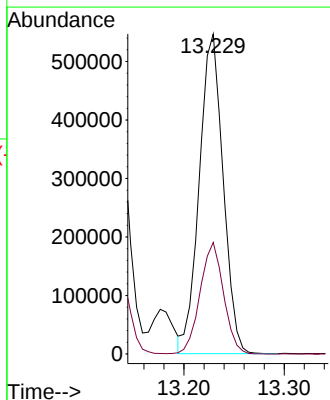
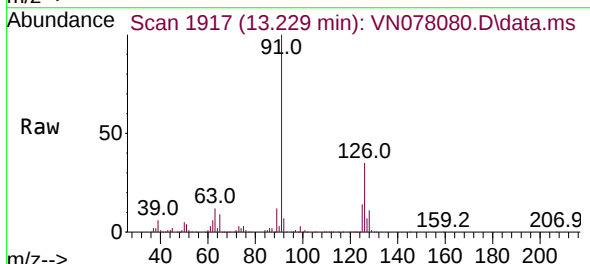
Manual Integrations
APPROVED

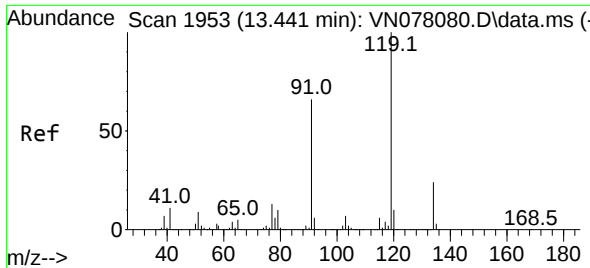
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#82
4-Chlorotoluene
Concen: 47.890 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

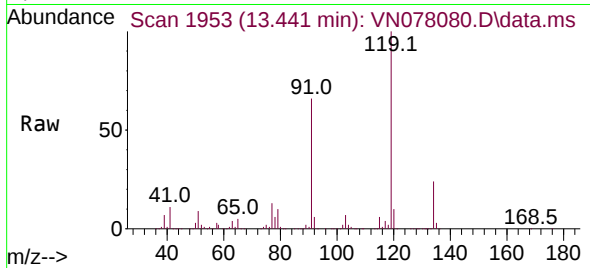
Tgt Ion: 91 Resp: 903358
Ion Ratio Lower Upper
91 100
126 34.3 16.7 50.0





#83
tert-Butylbenzene
Concen: 45.762 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

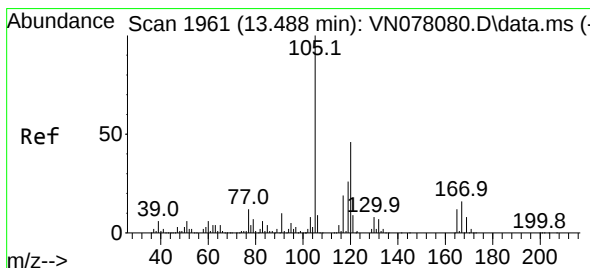
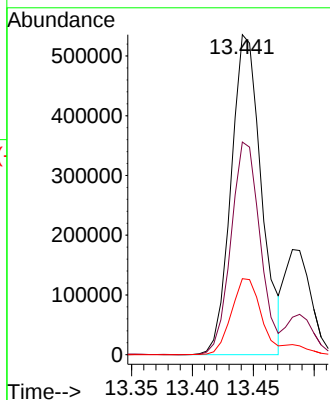
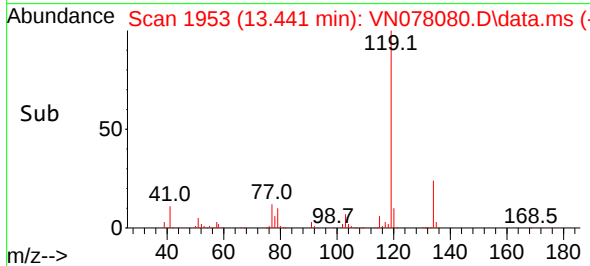
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



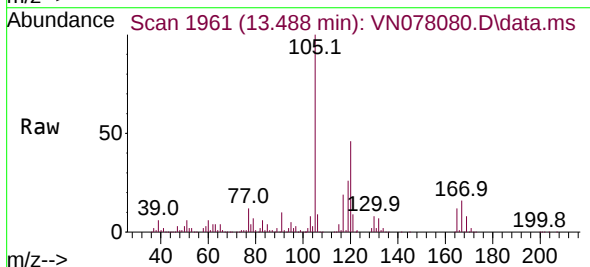
Tgt Ion:119 Resp: 928144
Ion Ratio Lower Upper
119 100
91 64.1 33.9 101.7
134 25.7 13.2 39.6

Manual Integrations
APPROVED

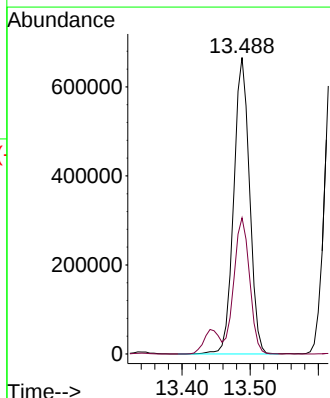
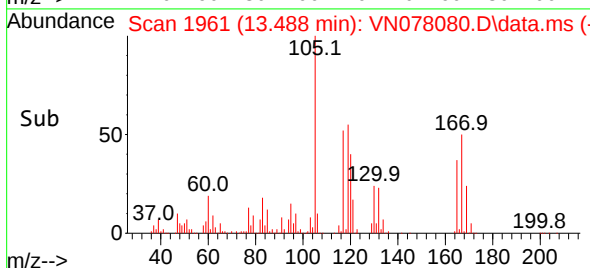
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

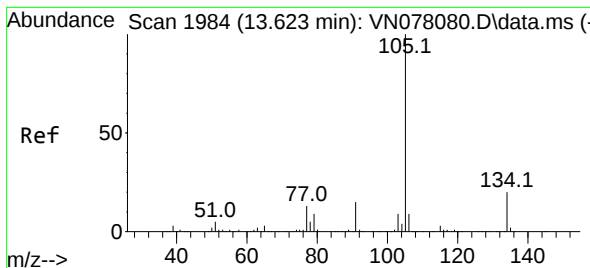


#84
1,2,4-Trimethylbenzene
Concen: 47.426 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23



Tgt Ion:105 Resp: 1072840
Ion Ratio Lower Upper
105 100
120 45.6 22.0 66.0





#85

sec-Butylbenzene

Concen: 46.592 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN078080.D

Acq: 06 Jun 2023 21:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 123684

Ion Ratio Lower Upper

105 100

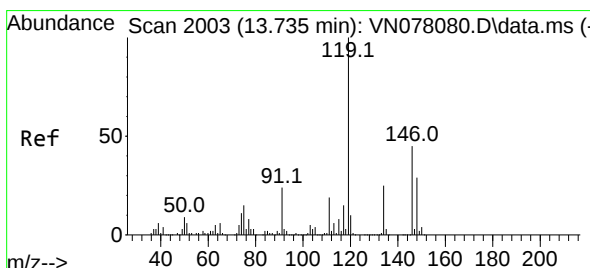
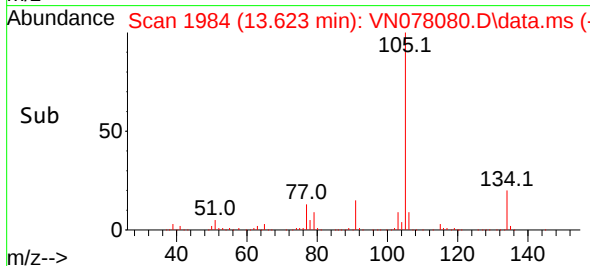
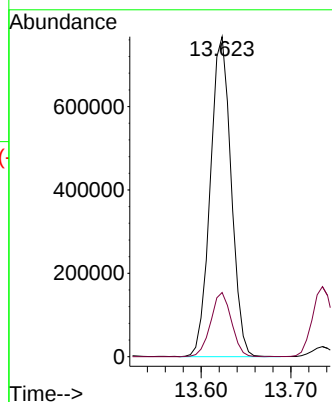
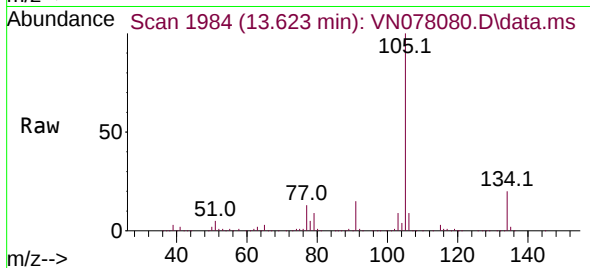
134 20.0 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#86

p-Isopropyltoluene

Concen: 47.812 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078080.D

Acq: 06 Jun 2023 21:23

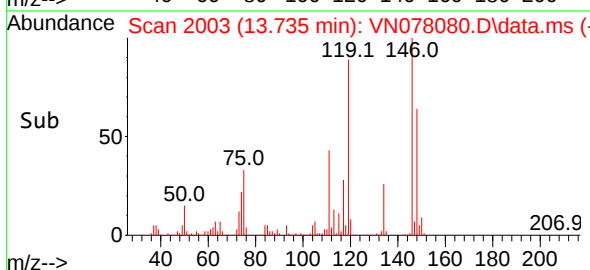
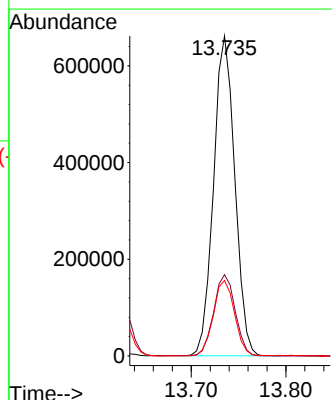
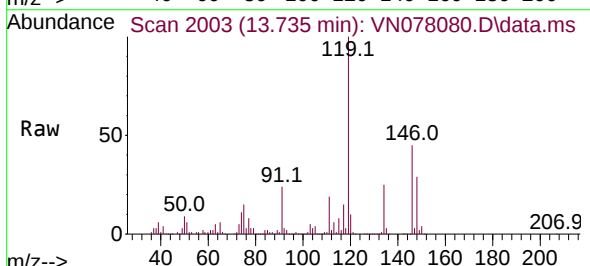
Tgt Ion:119 Resp: 1029980

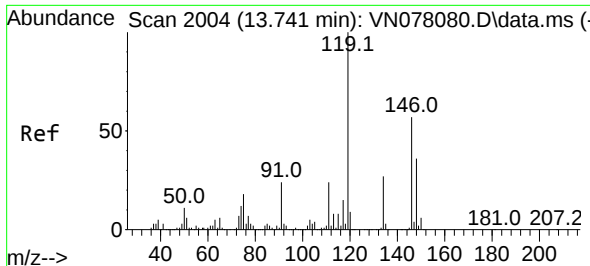
Ion Ratio Lower Upper

119 100

134 25.8 12.6 37.8

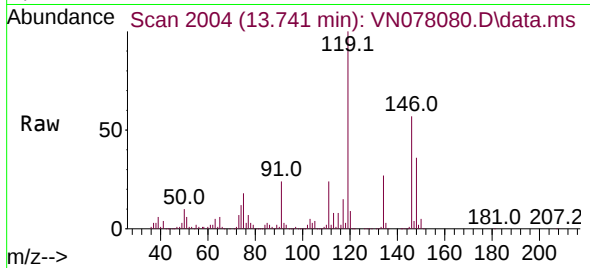
91 23.6 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 47.902 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

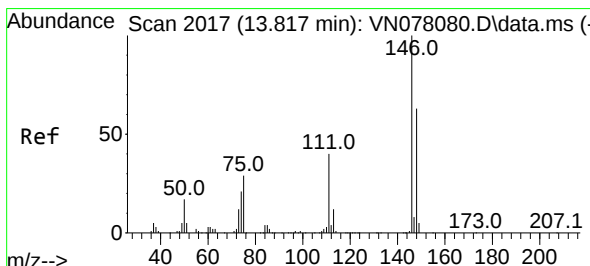
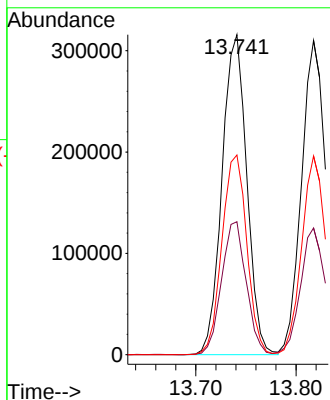
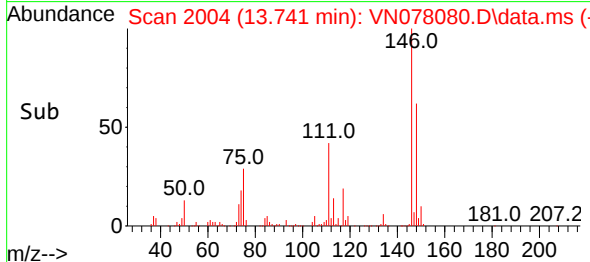
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



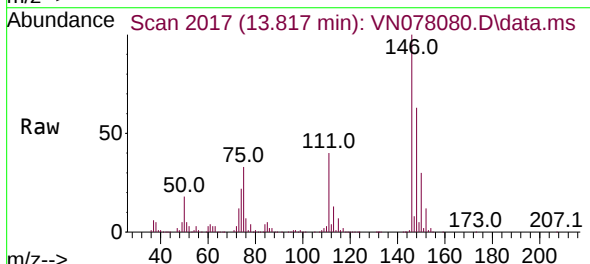
Tgt Ion:146 Resp: 542070
Ion Ratio Lower Upper
146 100
111 41.4 22.1 66.3
148 62.8 32.0 96.0

Manual Integrations
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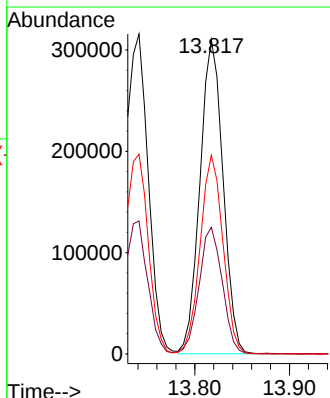
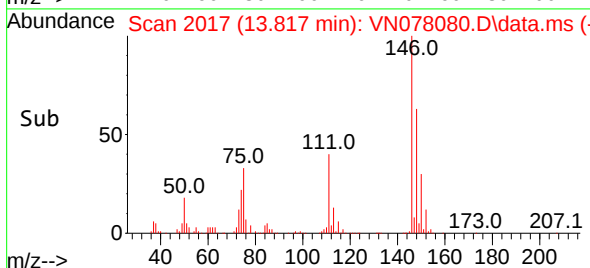
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

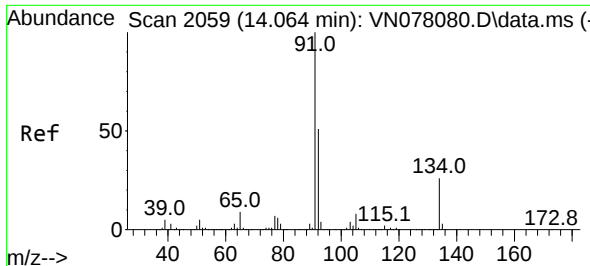


#88
1,4-Dichlorobenzene
Concen: 48.015 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23



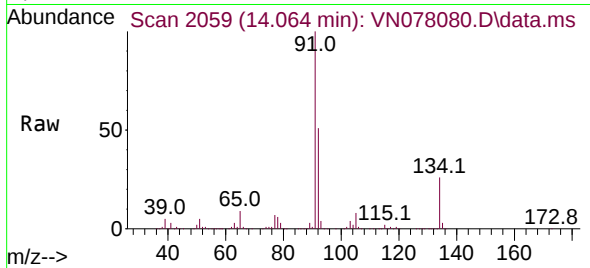
Tgt Ion:146 Resp: 524297
Ion Ratio Lower Upper
146 100
111 40.5 20.6 61.8
148 62.5 31.6 94.8





#89
n-Butylbenzene
Concen: 47.624 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

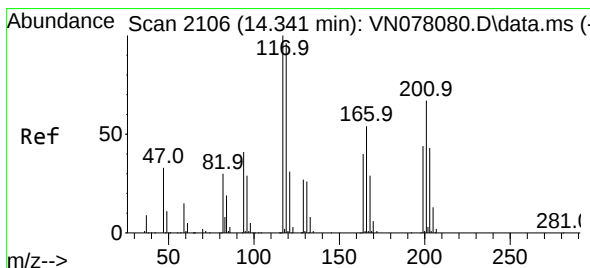
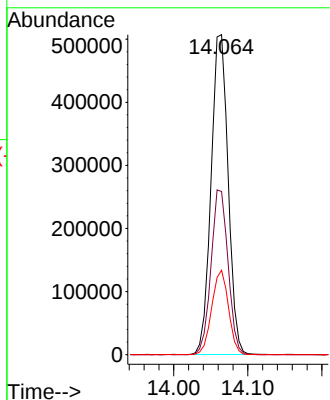
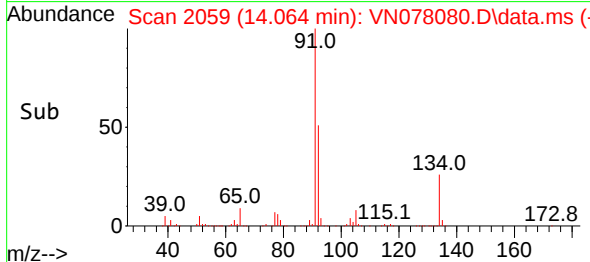
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 809208
Ion Ratio Lower Upper
91 100
92 51.5 26.4 79.0
134 25.9 12.6 37.6

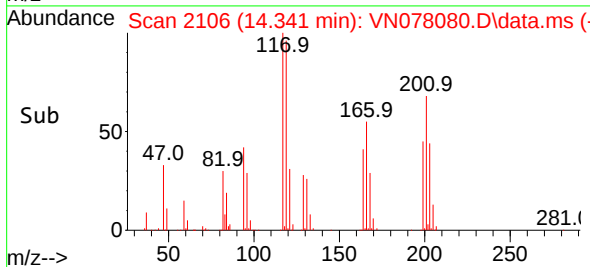
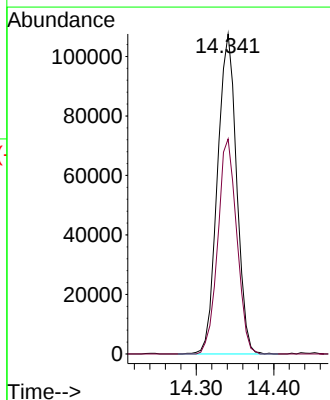
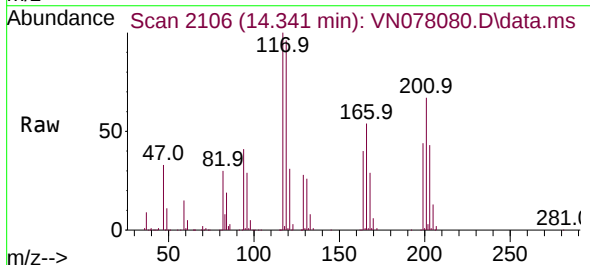
Manual Integrations
APPROVED

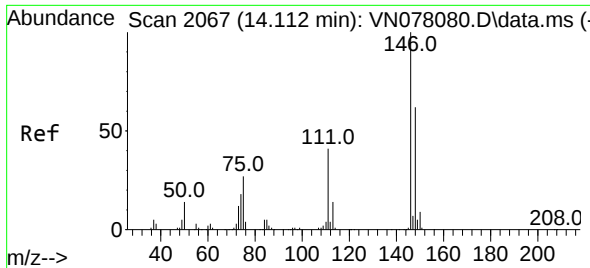
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#90
Hexachloroethane
Concen: 48.196 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

Tgt Ion:117 Resp: 184253
Ion Ratio Lower Upper
117 100
201 66.6 29.3 88.0





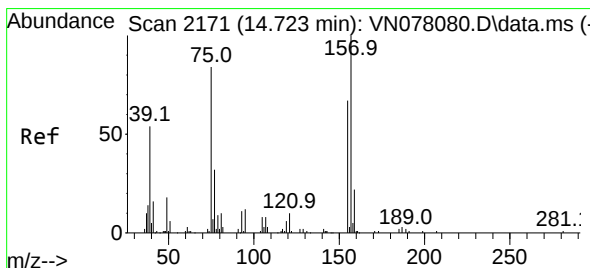
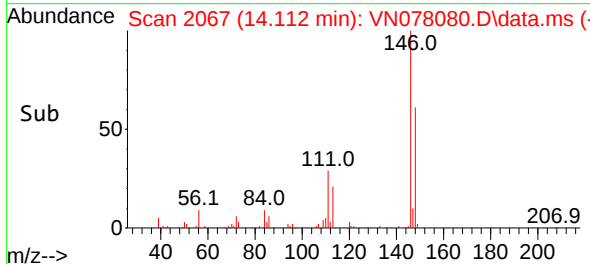
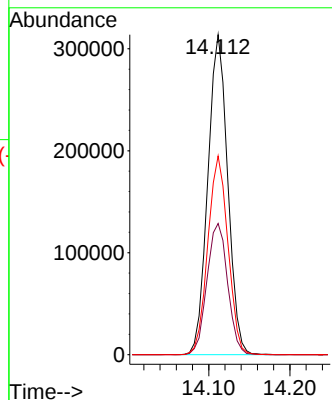
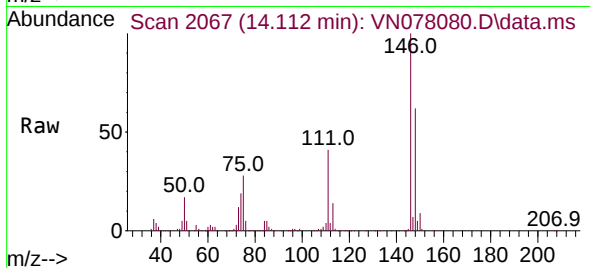
#91
1,2-Dichlorobenzene
Concen: 48.223 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 533330
Ion Ratio Lower Upper
146 100
111 42.7 22.0 66.0
148 62.9 31.8 95.3

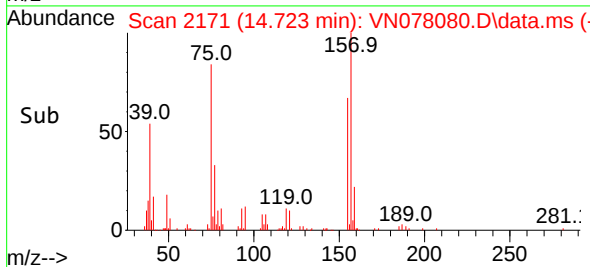
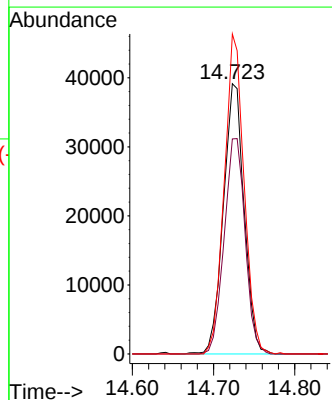
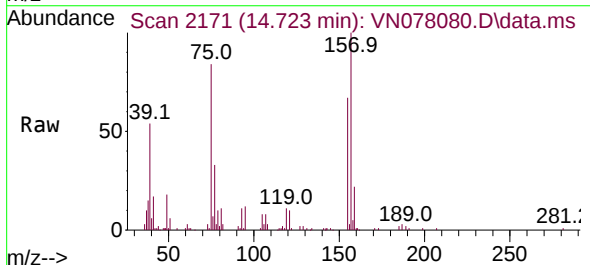
Manual Integrations
APPROVED

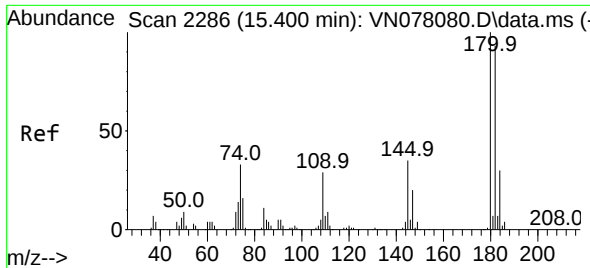
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.713 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

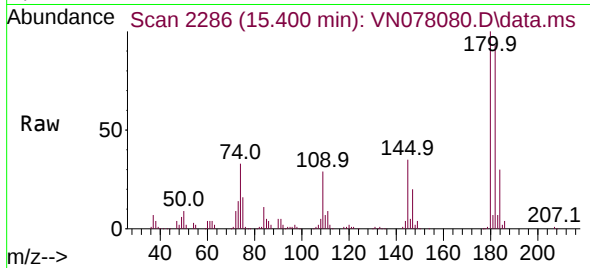
Tgt Ion: 75 Resp: 69537
Ion Ratio Lower Upper
75 100
155 80.2 39.1 117.2
157 112.6 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 54.335 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. 0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

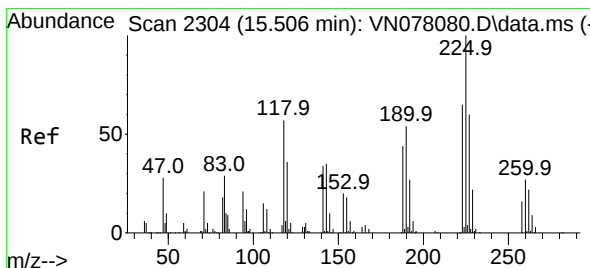
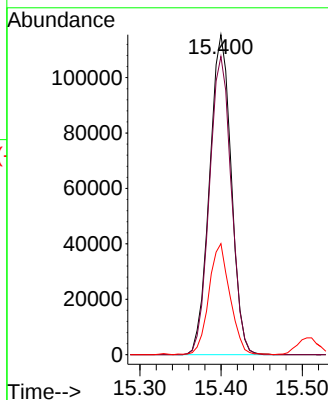
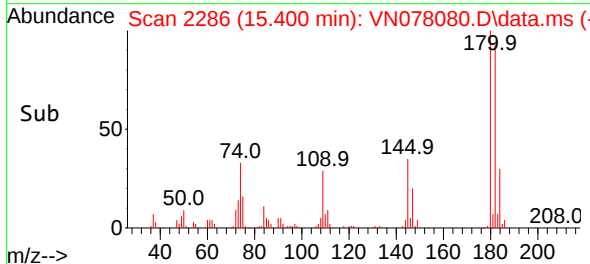
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:180 Resp: 214108
Ion Ratio Lower Upper
180 100
182 93.9 46.1 138.2
145 33.9 16.6 49.8

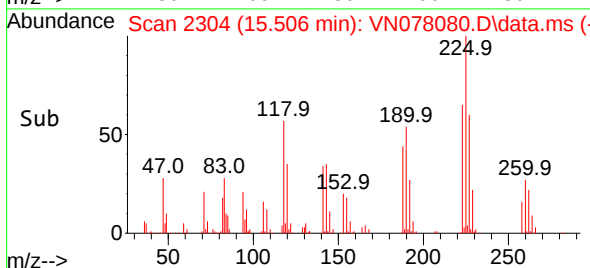
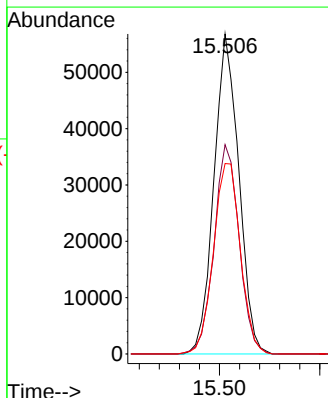
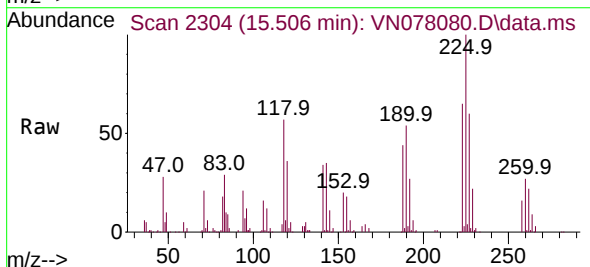
Manual Integrations
APPROVED

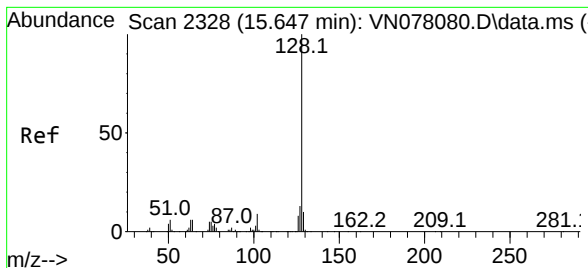
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#94
Hexachlorobutadiene
Concen: 50.596 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078080.D
Acq: 06 Jun 2023 21:23

Tgt Ion:225 Resp: 97666
Ion Ratio Lower Upper
225 100
223 65.9 31.3 93.8
227 64.5 31.9 95.9





#95

Naphthalene

Concen: 53.849 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.000 min

Lab File: VN078080.D

Acq: 06 Jun 2023 21:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:128 Resp: 713769

Ion Ratio Lower Upper

128 100

127 13.3 10.0 15.0

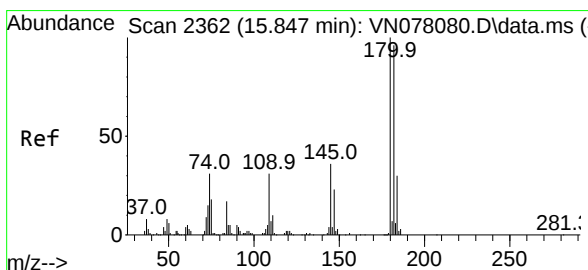
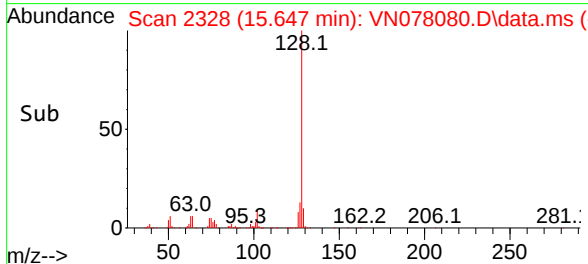
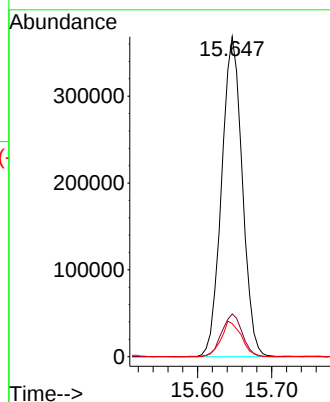
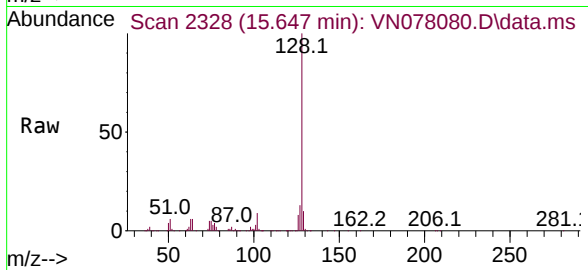
129 10.8 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#96

1,2,3-Trichlorobenzene

Concen: 50.237 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.000 min

Lab File: VN078080.D

Acq: 06 Jun 2023 21:23

Tgt Ion:180 Resp: 221401

Ion Ratio Lower Upper

180 100

182 96.5 46.2 138.6

145 35.2 17.5 52.6

