

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061323\
 Data File : VN078176.D
 Acq On : 13 Jun 2023 09:52
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/14/2023
 Supervised By : Mahesh Dadoda 06/14/2023

Quant Time: Jun 14 02:11:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	419591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	734858	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	642631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	267369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	288866	51.635	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.260%			
35) Dibromofluoromethane	8.171	113	245151	52.761	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.520%			
50) Toluene-d8	10.571	98	940106	52.484	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.960%			
62) 4-Bromofluorobenzene	12.853	95	298981	53.691	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.380%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	196636	41.458	ug/l	98
3) Chloromethane	2.371	50	219237	49.100	ug/l	100
4) Vinyl Chloride	2.524	62	275799	44.406	ug/l	96
5) Bromomethane	2.953	94	202910	43.230	ug/l	95
6) Chloroethane	3.124	64	194252	45.881	ug/l	97
7) Trichlorofluoromethane	3.506	101	378636	44.956	ug/l	95
8) Diethyl Ether	3.971	74	132097	44.638	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.383	101	210462	47.349	ug/l	97
10) Methyl Iodide	4.600	142	284749	45.299	ug/l	98
11) Tert butyl alcohol	5.530	59	173035	224.001	ug/l	99
12) 1,1-Dichloroethene	4.347	96	198406	43.302	ug/l	93
13) Acrolein	4.189	56	188531	221.445	ug/l	95
14) Allyl chloride	5.030	41	264471	47.285	ug/l	92
15) Acrylonitrile	5.730	53	481530	241.785	ug/l	99
16) Acetone	4.436	43	416200	258.464	ug/l	96
17) Carbon Disulfide	4.718	76	517088	43.845	ug/l	100
18) Methyl Acetate	5.030	43	343681	46.358	ug/l	89
19) Methyl tert-butyl Ether	5.806	73	694318	47.494	ug/l	97
20) Methylene Chloride	5.283	84	240097	45.120	ug/l #	90
21) trans-1,2-Dichloroethene	5.794	96	222686	45.061	ug/l	87
22) Diisopropyl ether	6.677	45	672577	51.121	ug/l	96
23) Vinyl Acetate	6.612	43	1976618	252.740	ug/l #	90
24) 1,1-Dichloroethane	6.583	63	427579	49.266	ug/l	97
25) 2-Butanone	7.488	43	619492	250.172	ug/l	91
26) 2,2-Dichloropropane	7.500	77	365677	57.063	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	271924	46.130	ug/l	92
28) Bromochloromethane	7.818	49	213180	53.497	ug/l	87
29) Tetrahydrofuran	7.841	42	399291	241.205	ug/l	85
30) Chloroform	7.971	83	465173	49.774	ug/l	92
31) Cyclohexane	8.265	56	343239	47.829	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	413021	50.338	ug/l	97
36) 1,1-Dichloropropene	8.377	75	334692	50.218	ug/l	97
37) Ethyl Acetate	7.565	43	253739	48.735	ug/l	95
38) Carbon Tetrachloride	8.365	117	354206	50.333	ug/l	96
39) Methylcyclohexane	9.606	83	338801	49.053	ug/l	89
40) Benzene	8.612	78	997551	50.136	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	135747	48.102	ug/l	92
42) 1,2-Dichloroethane	8.677	62	348254	51.048	ug/l	97
43) Isopropyl Acetate	8.694	43	461153	46.314	ug/l	95
44) Trichloroethene	9.359	130	247972	47.192	ug/l	95
45) 1,2-Dichloropropane	9.629	63	256190	51.751	ug/l	97
46) Dibromomethane	9.718	93	179831	49.319	ug/l	96
47) Bromodichloromethane	9.894	83	366647	54.133	ug/l	97
48) Methyl methacrylate	9.688	41	213584	51.114	ug/l	89
49) 1,4-Dioxane	9.700	88	84624	963.556	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	1321765	252.085	ug/l	94
52) Toluene	10.635	92	633843	50.455	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	378056	53.596	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	414714	53.186	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	250265	52.663	ug/l	96
56) Ethyl methacrylate	10.882	69	352357	50.921	ug/l #	90
57) 1,3-Dichloropropane	11.171	76	418494	52.171	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	746165	266.934	ug/l	92
59) 2-Hexanone	11.200	43	931236	255.071	ug/l	91
60) Dibromochloromethane	11.365	129	274250	52.739	ug/l	99
61) 1,2-Dibromoethane	11.476	107	248830	49.894	ug/l	97
64) Tetrachloroethene	11.106	164	210455	49.089	ug/l	97
65) Chlorobenzene	11.894	112	670284	48.704	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	253479	50.077	ug/l	97
67) Ethyl Benzene	11.970	91	1207796	50.862	ug/l	99
68) m/p-Xylenes	12.076	106	923010	101.991	ug/l	97
69) o-Xylene	12.400	106	449226	50.548	ug/l	97
70) Styrene	12.418	104	725096	51.825	ug/l	98
71) Bromoform	12.582	173	167303	51.217	ug/l #	99
73) Isopropylbenzene	12.700	105	1143515	45.228	ug/l	100
74) N-amyl acetate	12.500	43	361183	43.381	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	340681	48.939	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	304573m	48.187	ug/l	
77) Bromobenzene	12.982	156	256730	43.742	ug/l	98
78) n-propylbenzene	13.041	91	1320961	48.088	ug/l	100
79) 2-Chlorotoluene	13.129	91	797957	45.002	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	954125	46.611	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	101911	49.536	ug/l	89
82) 4-Chlorotoluene	13.223	91	764850	46.218	ug/l	99
83) tert-Butylbenzene	13.441	119	797022	44.793	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	931723	46.948	ug/l	100
85) sec-Butylbenzene	13.623	105	1061963	45.599	ug/l	99
86) p-Isopropyltoluene	13.735	119	870644	46.067	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	449650	45.292	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	431965	45.092	ug/l	98
89) n-Butylbenzene	14.059	91	665262	44.628	ug/l	99
90) Hexachloroethane	14.341	117	165655	49.391	ug/l	94
91) 1,2-Dichlorobenzene	14.112	146	447888	46.161	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	53939	43.071	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	158276	45.784	ug/l	99
94) Hexachlorobutadiene	15.506	225	75284	44.112	ug/l	99
95) Naphthalene	15.647	128	470834	40.489	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	164836	42.633	ug/l	96

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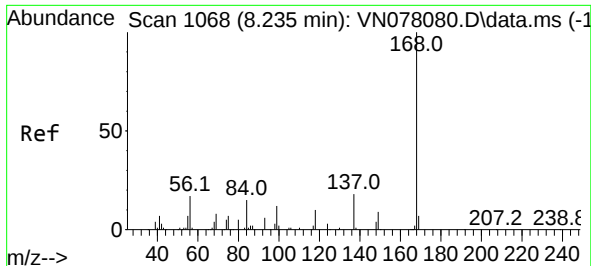
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Wed Jun 07 05:05:00 2023
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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



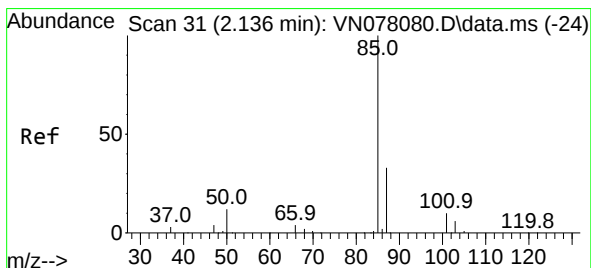
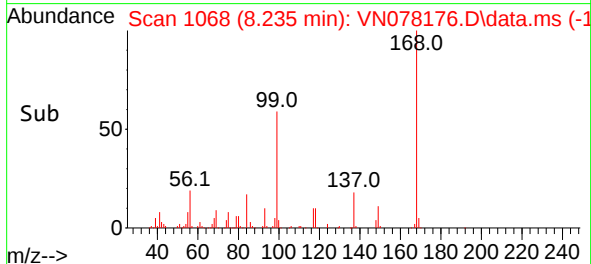
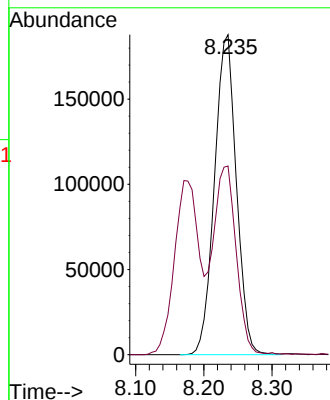
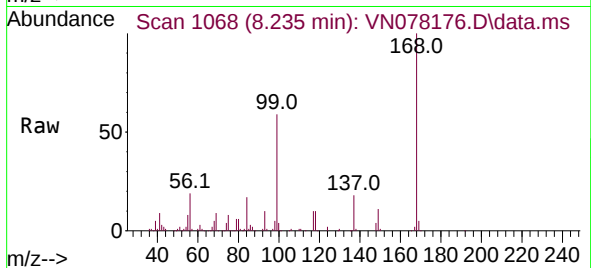
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN078176.D
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Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 41959
Ion Ratio Lower Upper
168 100
99 58.7 53.0 79.6

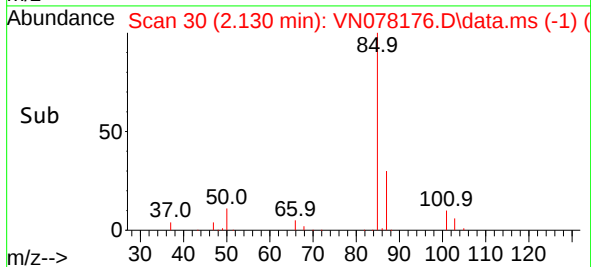
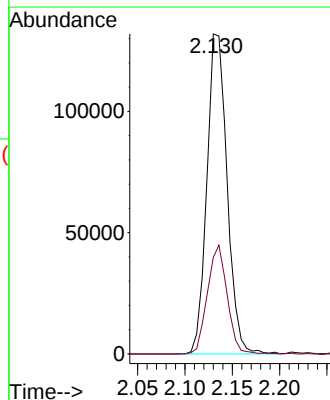
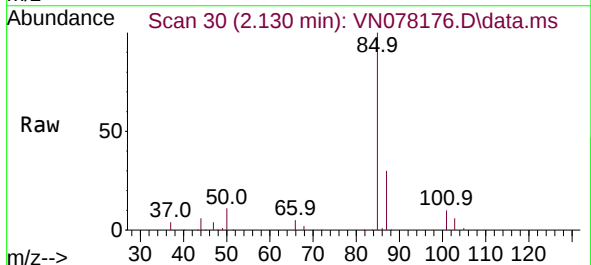
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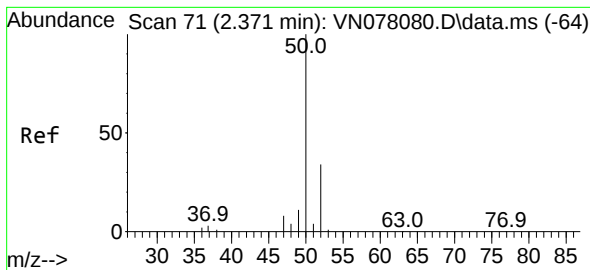
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#2
Dichlorodifluoromethane
Concen: 41.458 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

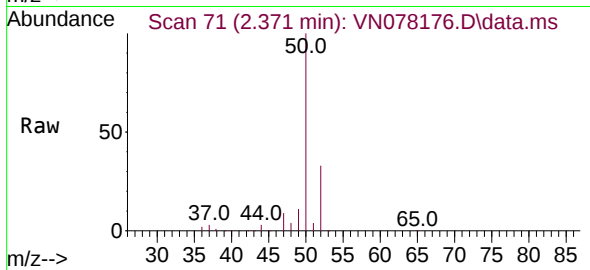
Tgt Ion: 85 Resp: 196636
Ion Ratio Lower Upper
85 100
87 30.2 15.8 47.4





#3
Chloromethane
Concen: 49.100 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

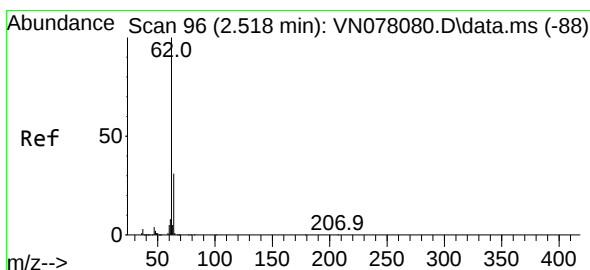
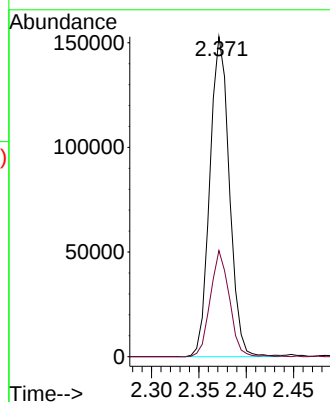
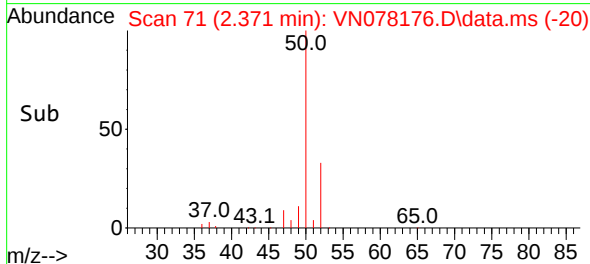
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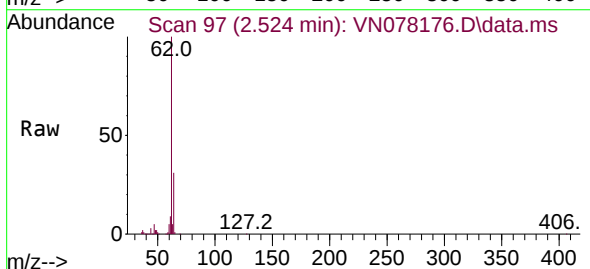
Tgt Ion: 50 Resp: 21923
Ion Ratio Lower Upper
50 100
52 33.1 26.5 39.7

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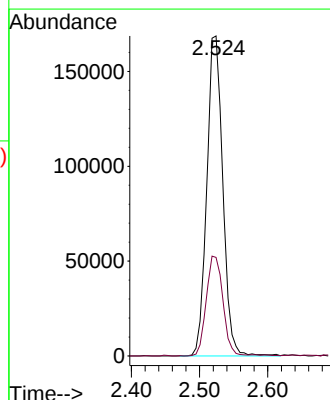
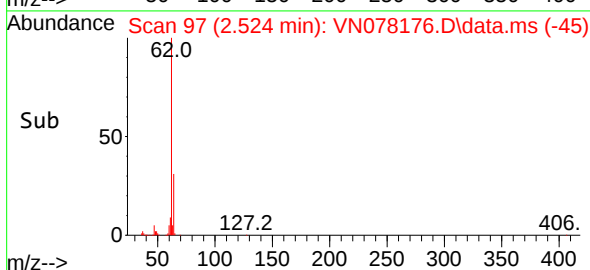
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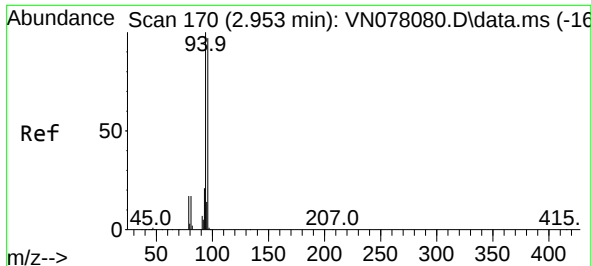


#4
Vinyl Chloride
Concen: 44.406 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.006 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52



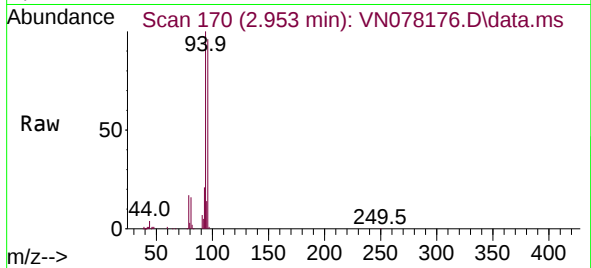
Tgt Ion: 62 Resp: 275799
Ion Ratio Lower Upper
62 100
64 30.7 26.2 39.2





#5
Bromomethane
Concen: 43.230 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078176.D
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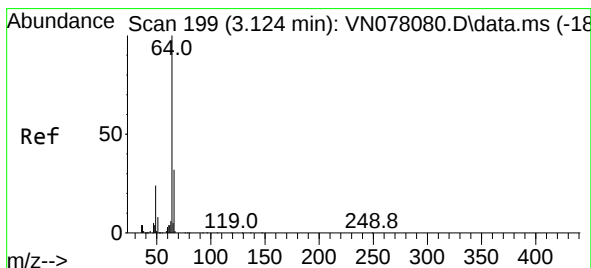
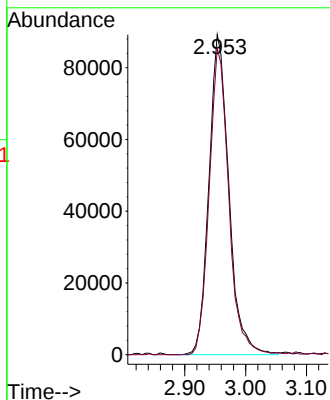
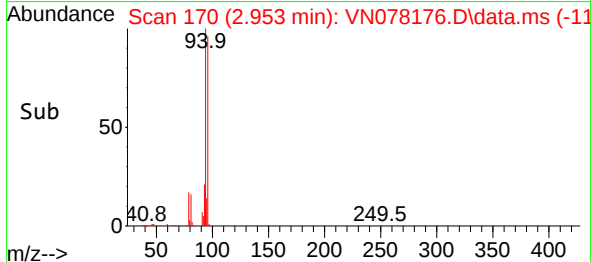
Instrument :
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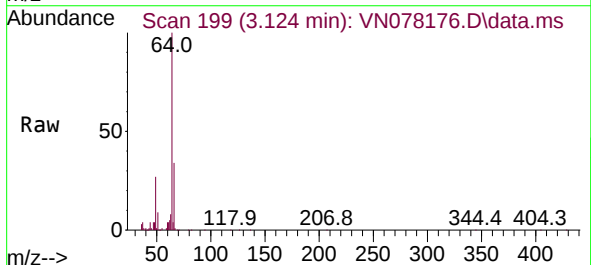
Tgt Ion: 94 Resp: 202910
Ion Ratio Lower Upper
94 100
96 95.7 73.1 109.7

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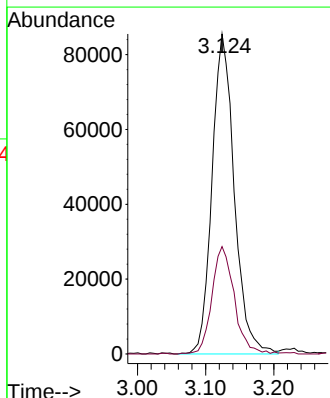
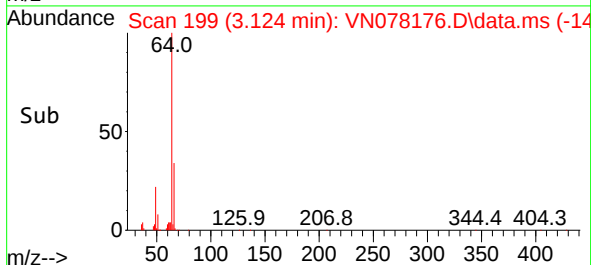
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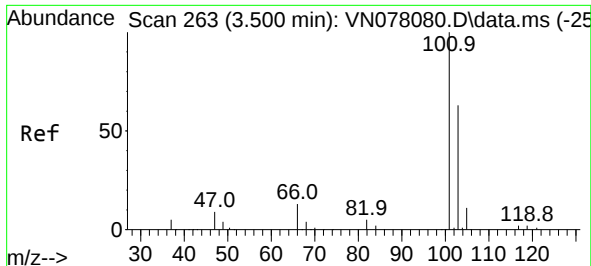


#6
Chloroethane
Concen: 45.881 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN078176.D
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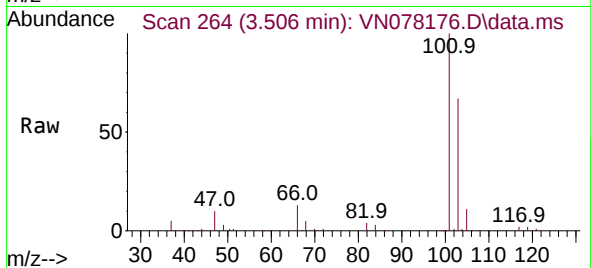
Tgt Ion: 64 Resp: 194252
Ion Ratio Lower Upper
64 100
66 33.6 25.4 38.2





#7
Trichlorofluoromethane
Concen: 44.956 ug/l
RT: 3.506 min Scan# 264
Delta R.T. 0.006 min
Lab File: VN078176.D
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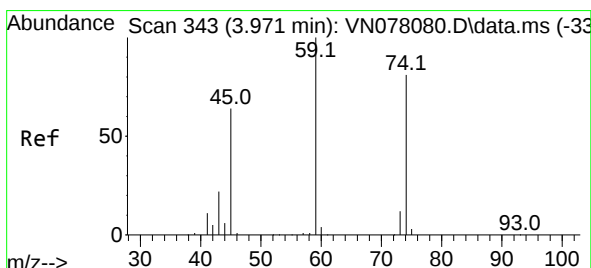
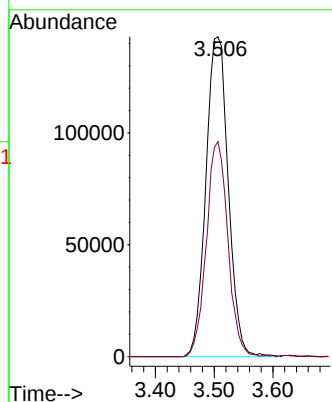
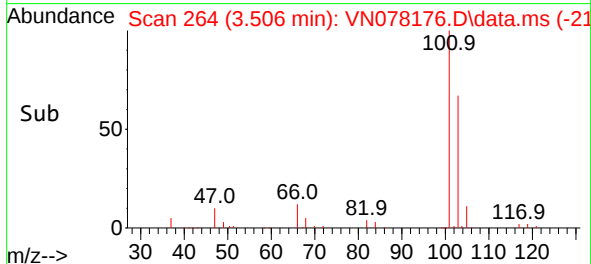
Instrument :
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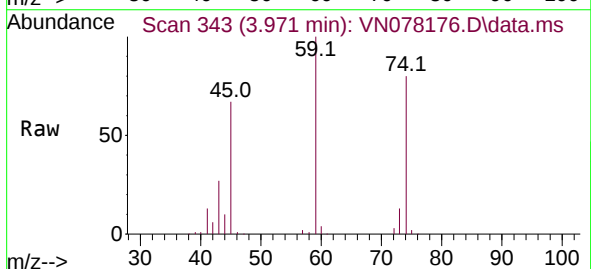
Tgt Ion:101 Resp: 378630
Ion Ratio Lower Upper
101 100
103 67.2 50.7 76.1

Manual Integrations
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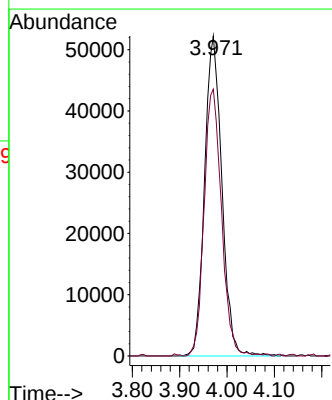
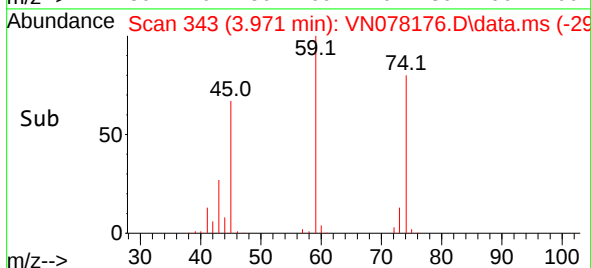
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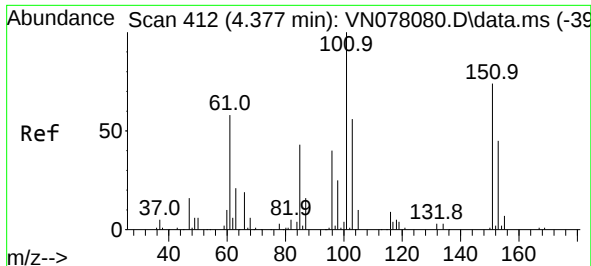


#8
Diethyl Ether
Concen: 44.638 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.000 min
Lab File: VN078176.D
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Tgt Ion: 74 Resp: 132097
Ion Ratio Lower Upper
74 100
45 84.2 34.4 103.3





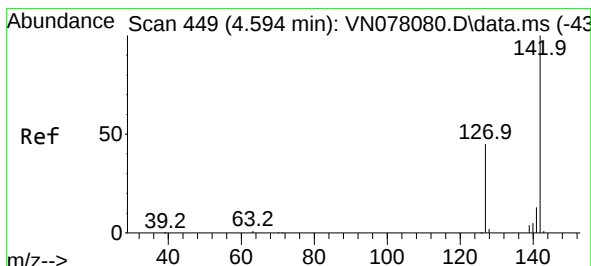
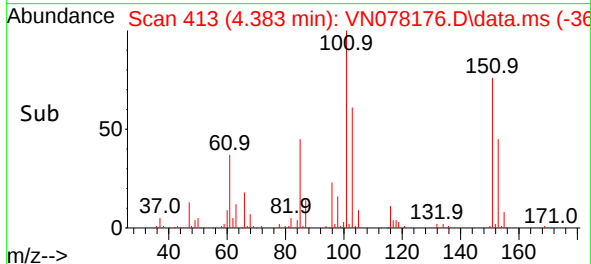
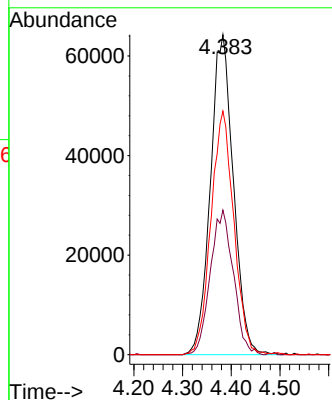
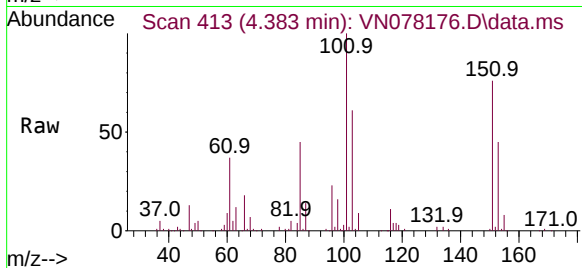
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.349 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 210462
Ion Ratio Lower Upper
101 100
85 45.3 36.6 55.0
151 75.8 57.6 86.4

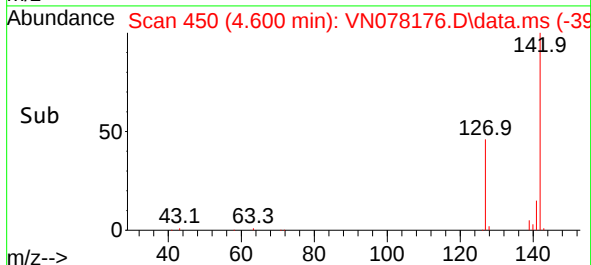
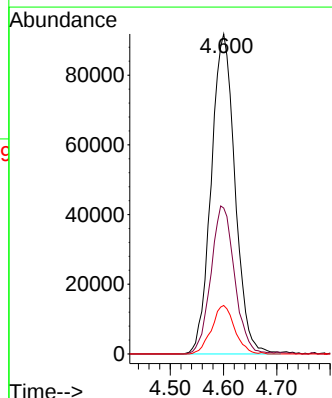
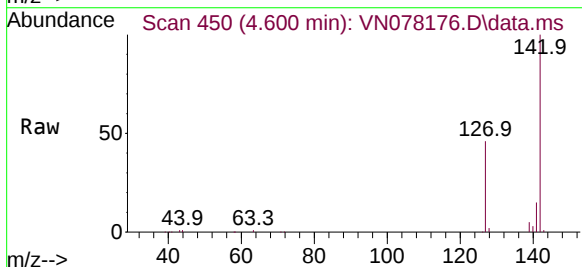
Manual Integrations
APPROVED

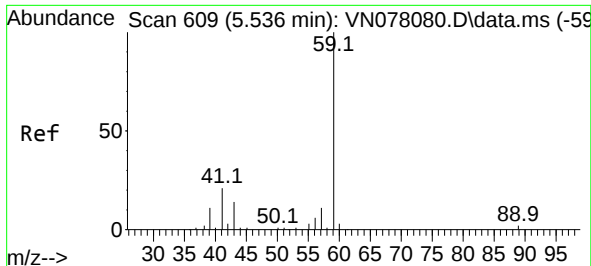
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#10
Methyl Iodide
Concen: 45.299 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

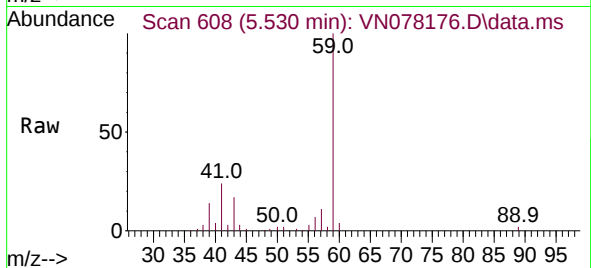
Tgt Ion:142 Resp: 284749
Ion Ratio Lower Upper
142 100
127 45.6 37.6 56.4
141 15.2 11.4 17.0





#11
Tert butyl alcohol
Concen: 224.001 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

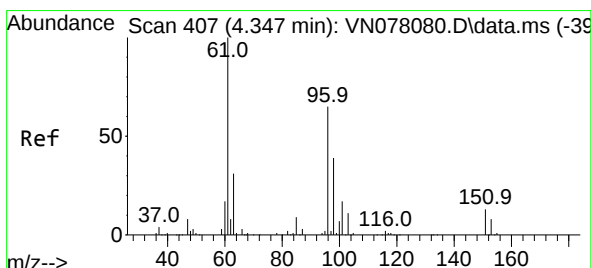
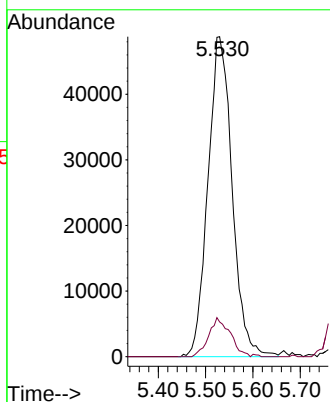
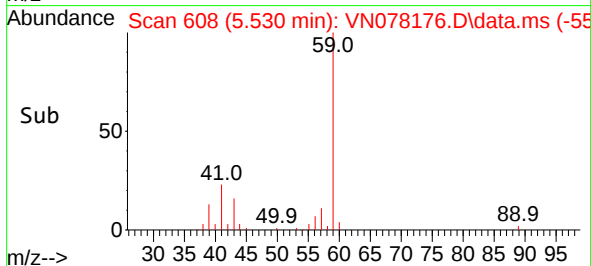
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 17303
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4

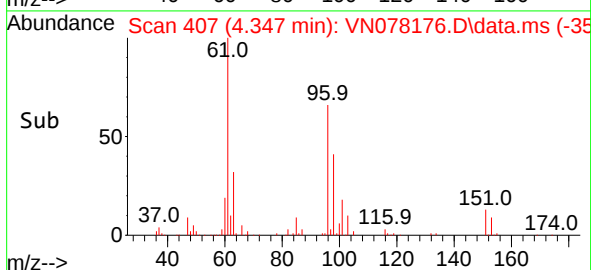
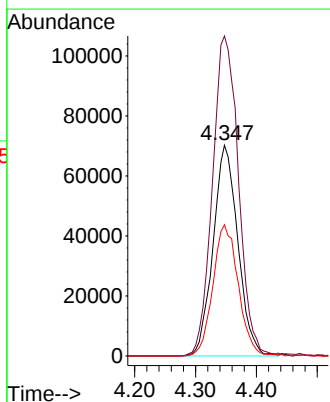
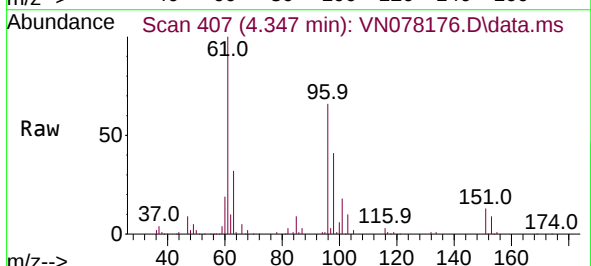
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#12
1,1-Dichloroethene
Concen: 43.302 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

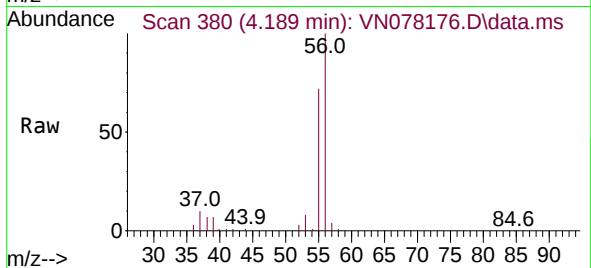
Tgt Ion: 96 Resp: 198406
Ion Ratio Lower Upper
96 100
61 151.9 112.7 169.1
98 62.3 51.2 76.8





#13
Acrolein
Concen: 221.445 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

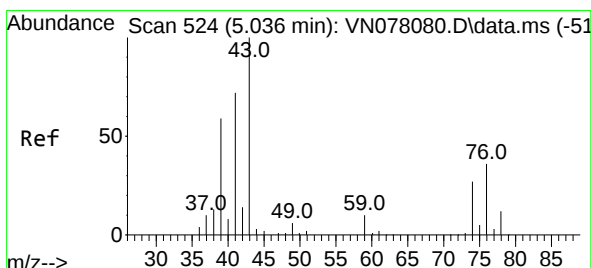
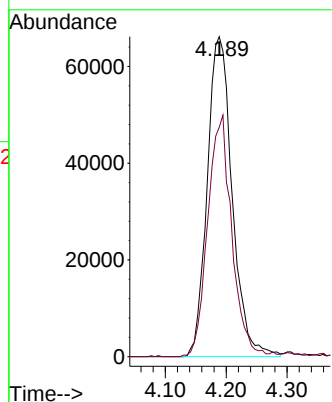
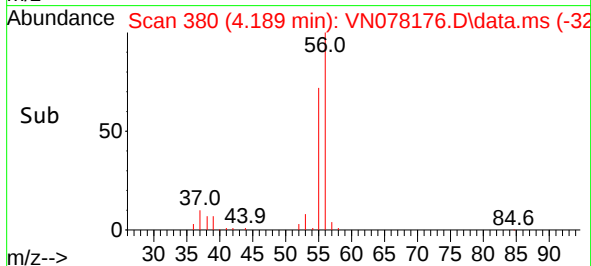
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 18853
Ion Ratio Lower Upper
56 100
55 72.4 54.5 81.7

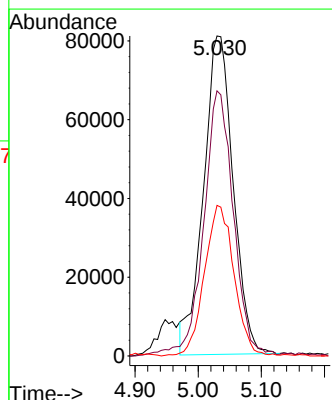
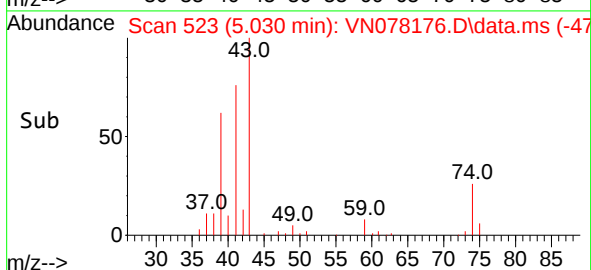
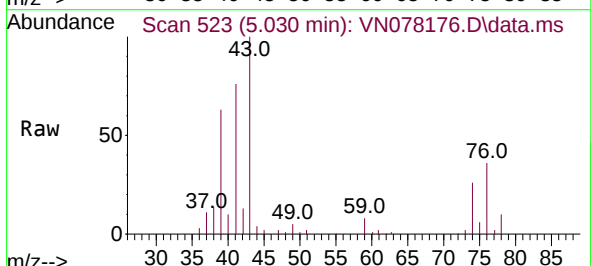
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#14
Allyl chloride
Concen: 47.285 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

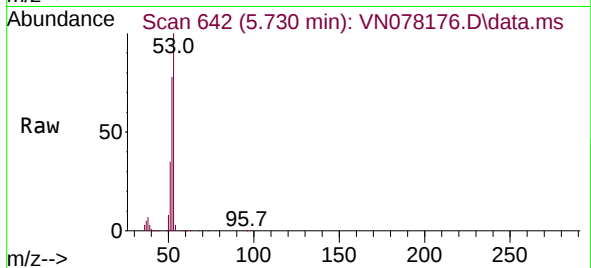
Tgt Ion: 41 Resp: 264471
Ion Ratio Lower Upper
41 100
39 83.5 58.8 88.2
76 47.1 39.1 58.7





#15
Acrylonitrile
Concen: 241.785 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

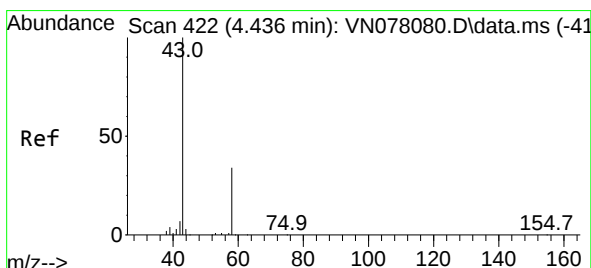
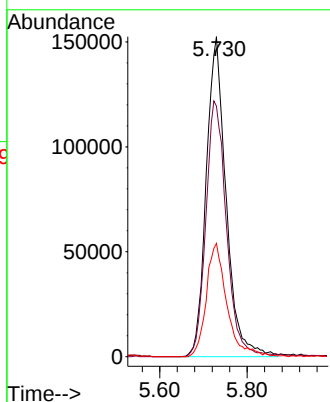
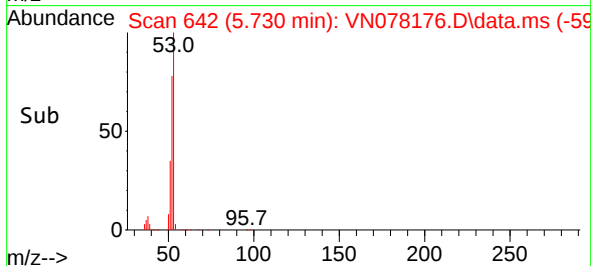
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 481530
Ion Ratio Lower Upper
53 100
52 82.7 65.3 97.9
51 36.8 28.9 43.3

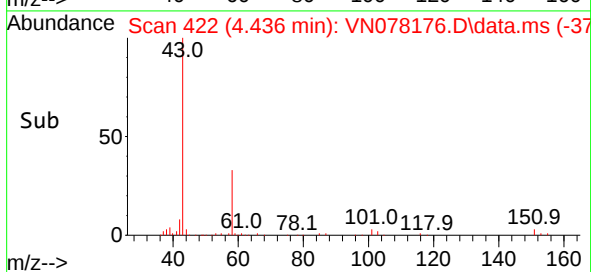
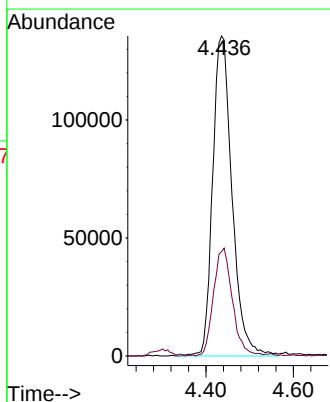
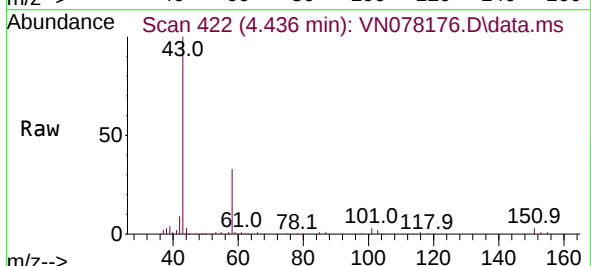
Manual Integrations
APPROVED

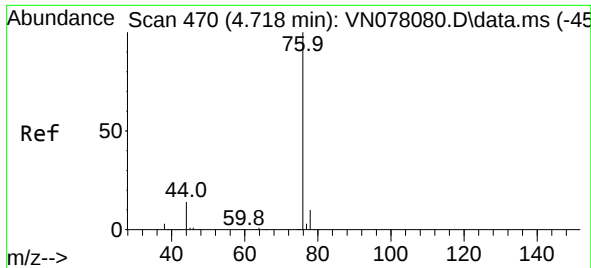
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#16
Acetone
Concen: 258.464 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

Tgt Ion: 43 Resp: 416200
Ion Ratio Lower Upper
43 100
58 32.4 28.0 42.0





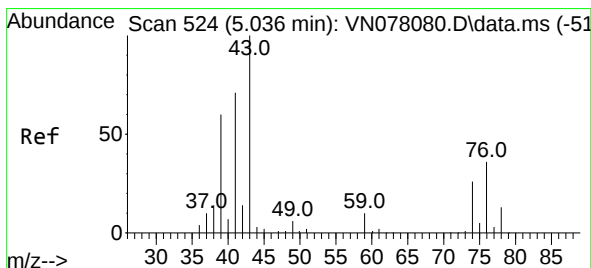
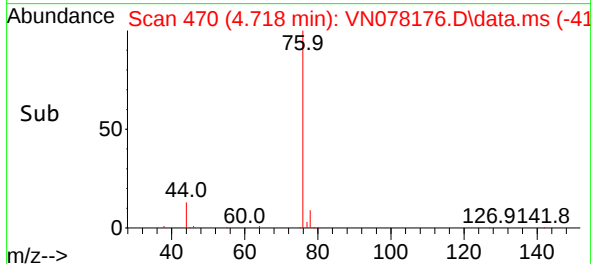
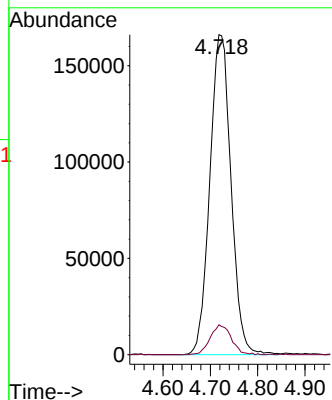
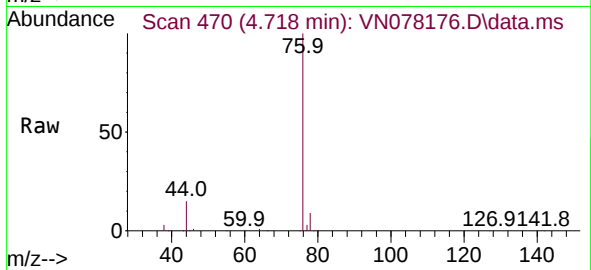
#17
Carbon Disulfide
Concen: 43.845 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 517088
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

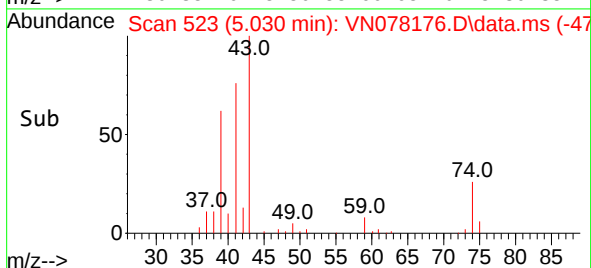
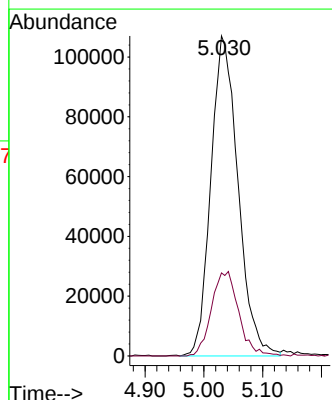
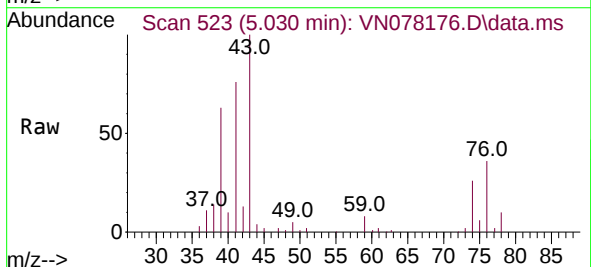
Manual Integrations
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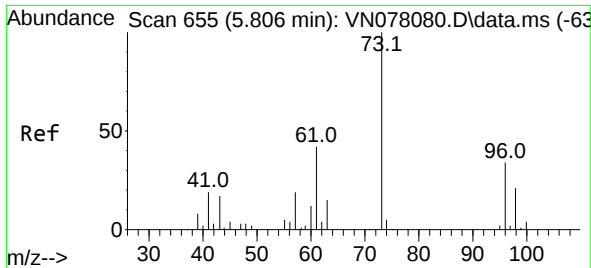
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#18
Methyl Acetate
Concen: 46.358 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

Tgt Ion: 43 Resp: 343681
Ion Ratio Lower Upper
43 100
74 26.4 26.2 39.4





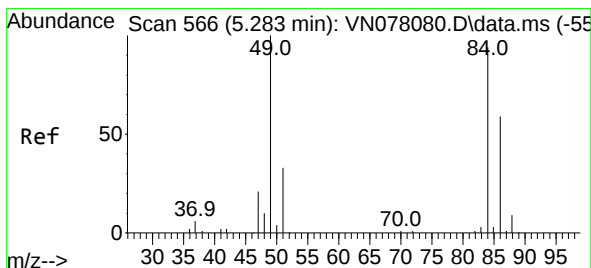
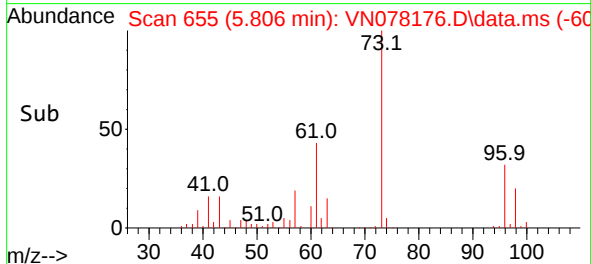
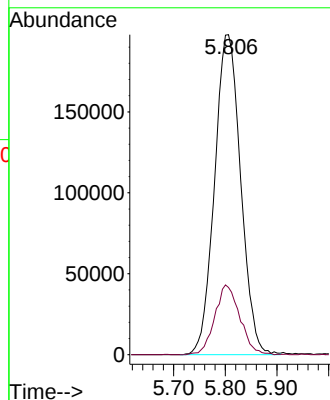
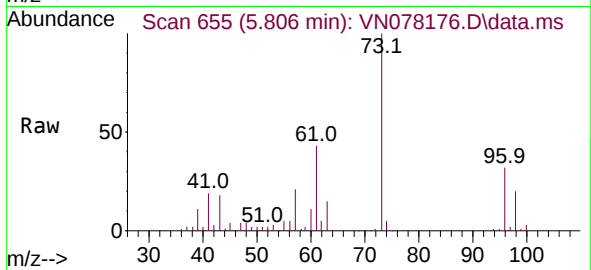
#19
Methyl tert-butyl Ether
Concen: 47.494 ug/l
RT: 5.806 min Scan# 655
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 694318
Ion Ratio Lower Upper
73 100
57 21.0 15.6 23.4

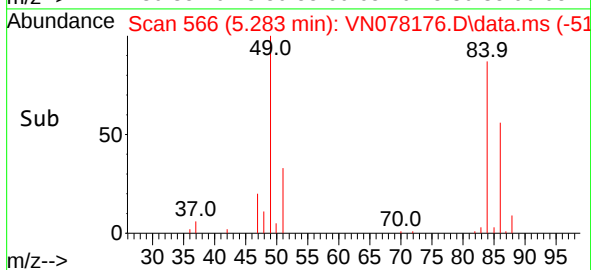
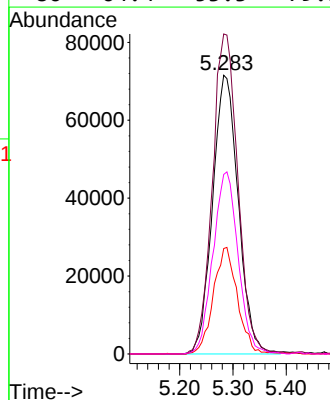
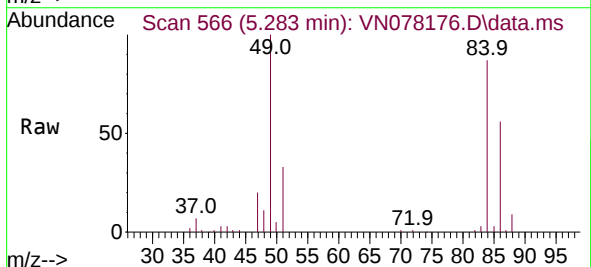
Manual Integrations
APPROVED

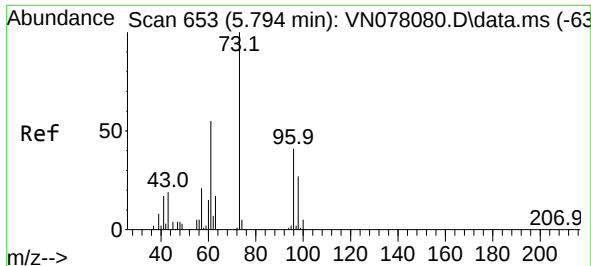
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#20
Methylene Chloride
Concen: 45.120 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

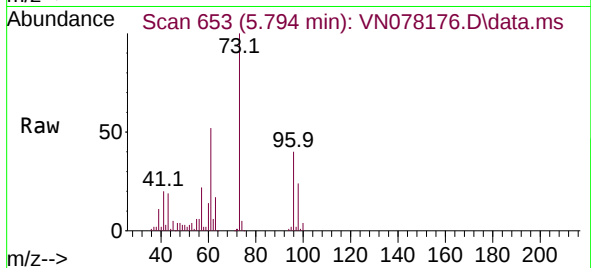
Tgt Ion: 84 Resp: 240097
Ion Ratio Lower Upper
84 100
49 114.8 79.7 119.5
51 37.8 25.2 37.8#
86 64.4 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 45.061 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

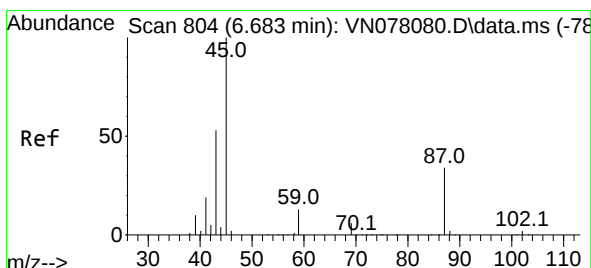
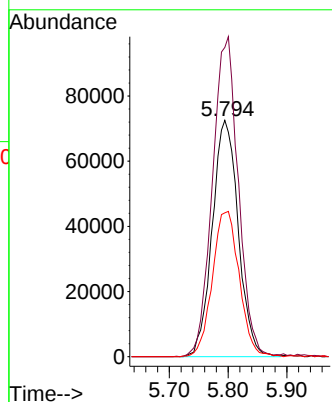
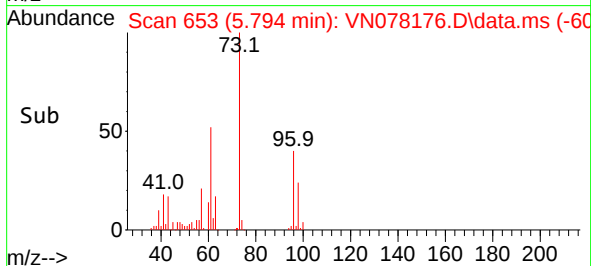
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



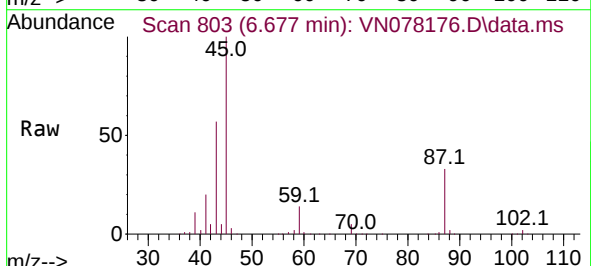
Tgt Ion: 96 Resp: 222680
Ion Ratio Lower Upper
96 100
61 130.9 90.1 135.1
98 60.9 46.4 69.6

Manual Integrations
APPROVED

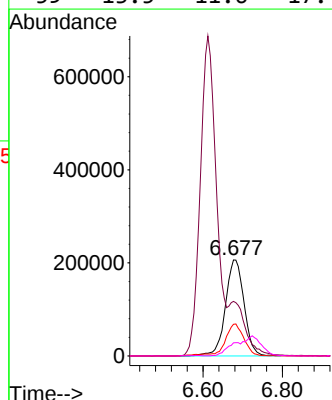
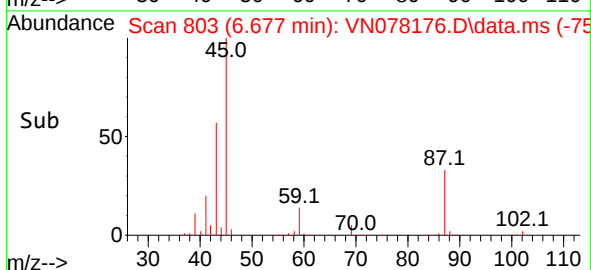
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#22
Diisopropyl ether
Concen: 51.121 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.006 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52



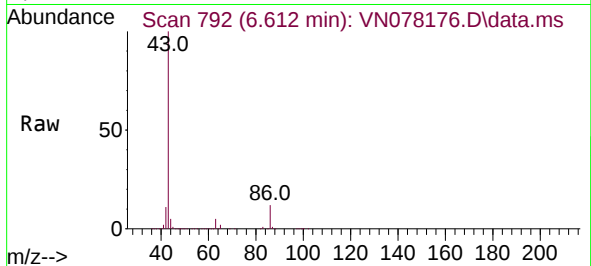
Tgt Ion: 45 Resp: 672577
Ion Ratio Lower Upper
45 100
43 56.7 45.5 68.3
87 32.9 31.8 47.8
59 13.5 11.6 17.4





#23
 Vinyl Acetate
 Concen: 252.740 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078176.D
 Acq: 13 Jun 2023 09:52

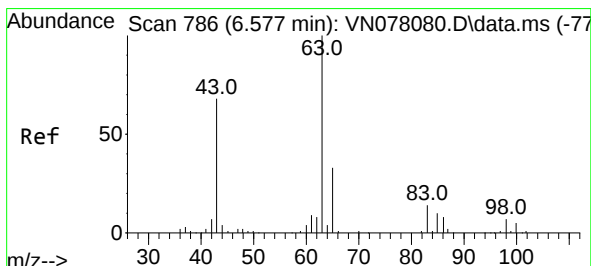
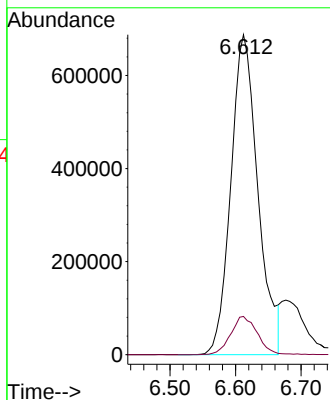
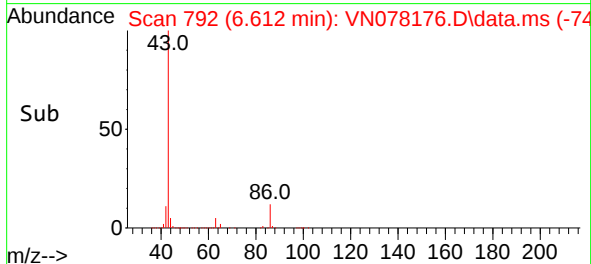
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



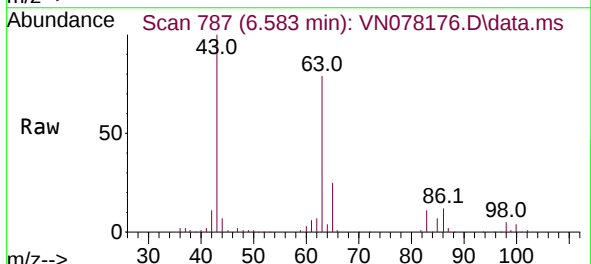
Tgt Ion: 43 Resp: 1976618
 Ion Ratio Lower Upper
 43 100
 86 11.9 13.0 19.6

Manual Integrations
 APPROVED

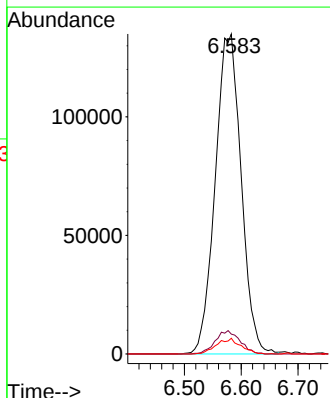
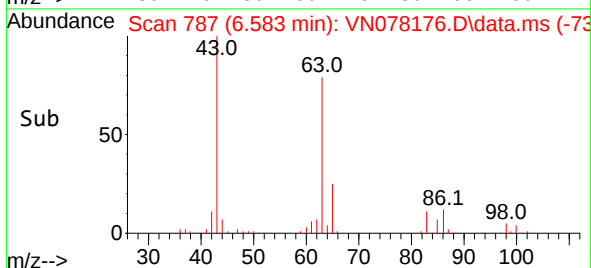
Reviewed By :John Carlone 06/14/2023
 Supervised By :Mahesh Dadoda 06/14/2023

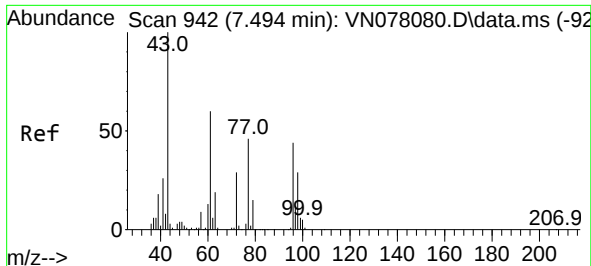


#24
 1,1-Dichloroethane
 Concen: 49.266 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.006 min
 Lab File: VN078176.D
 Acq: 13 Jun 2023 09:52



Tgt Ion: 63 Resp: 427579
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.9 11.7
 100 4.9 2.5 7.4





#25

2-Butanone

Concen: 250.172 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.006 min

Lab File: VN078176.D

Acq: 13 Jun 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 61949

Ion Ratio Lower Upper

43 100

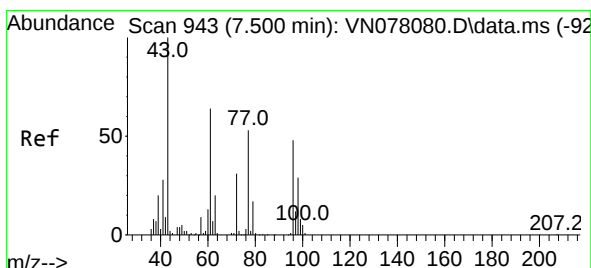
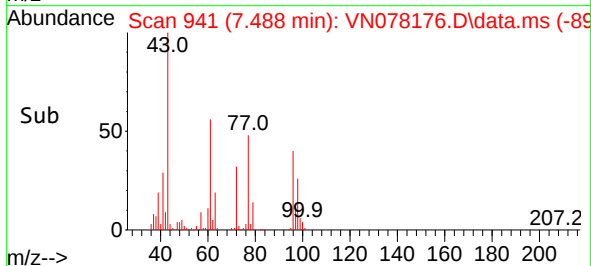
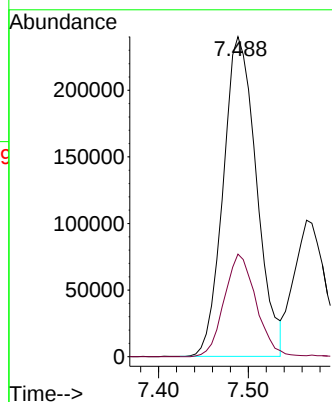
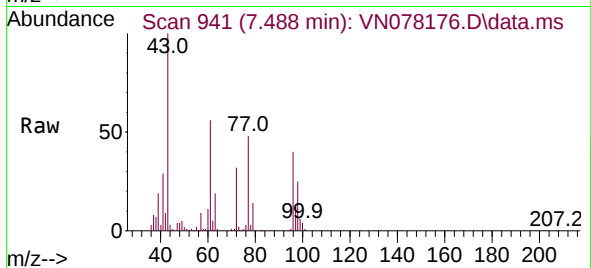
72 32.2 30.2 45.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#26

2,2-Dichloropropane

Concen: 57.063 ug/l

RT: 7.500 min Scan# 943

Delta R.T. 0.000 min

Lab File: VN078176.D

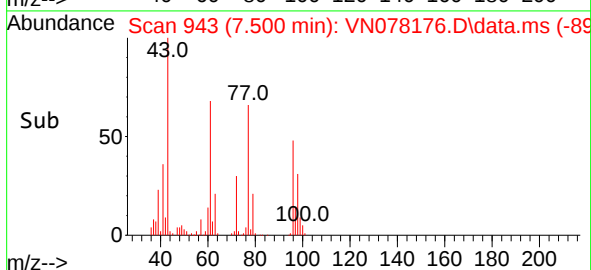
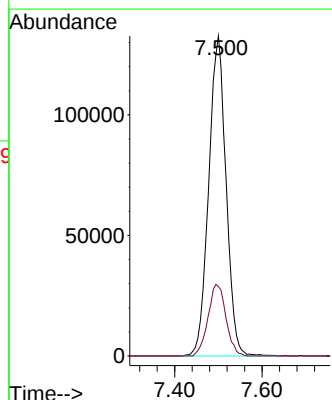
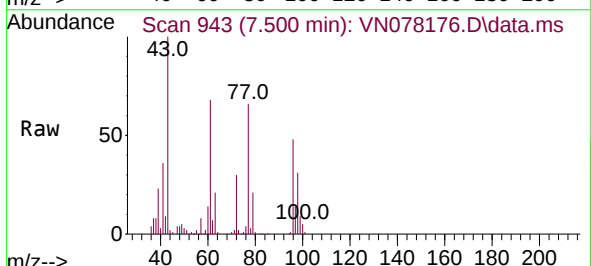
Acq: 13 Jun 2023 09:52

Tgt Ion: 77 Resp: 365677

Ion Ratio Lower Upper

77 100

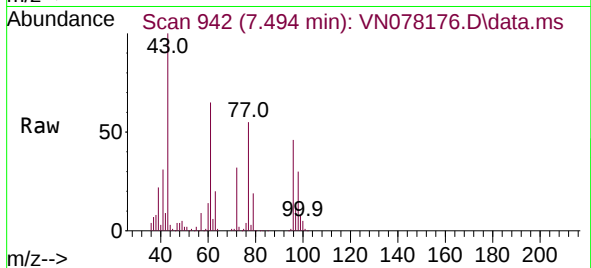
97 23.1 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 46.130 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078176.D
 Acq: 13 Jun 2023 09:52

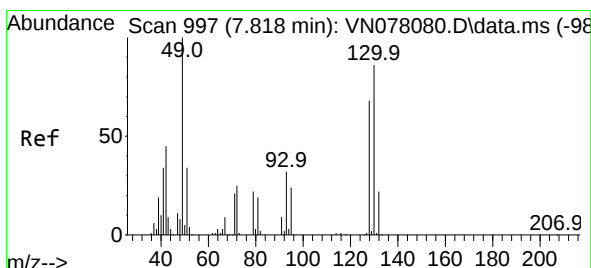
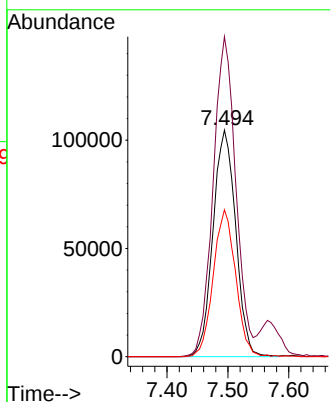
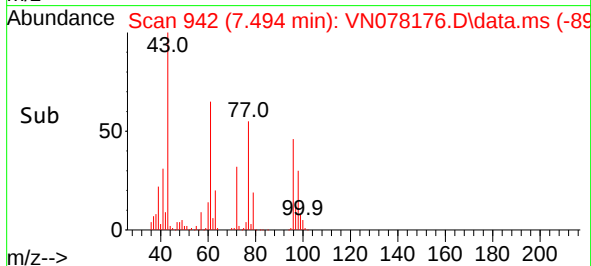
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 271924
 Ion Ratio Lower Upper
 96 100
 61 140.7 0.0 255.2
 98 63.9 0.0 128.8

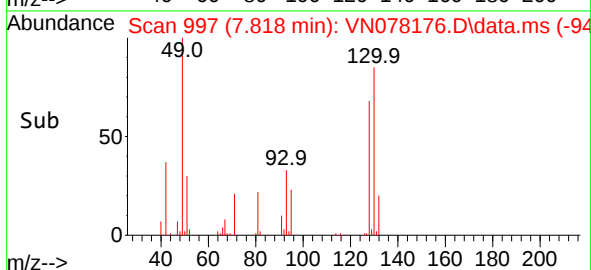
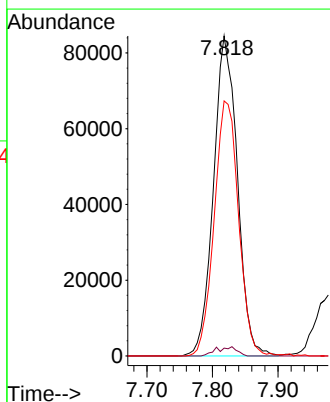
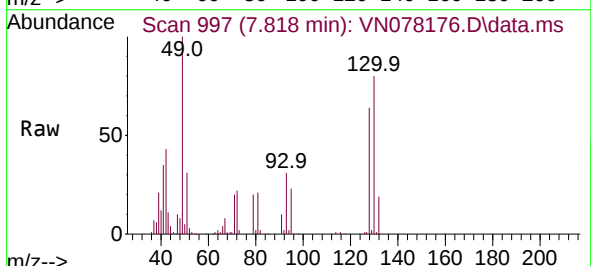
Manual Integrations
 APPROVED

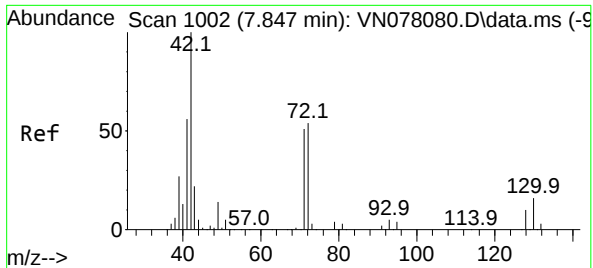
Reviewed By :John Carlone 06/14/2023
 Supervised By :Mahesh Dadoda 06/14/2023



#28
 Bromochloromethane
 Concen: 53.497 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN078176.D
 Acq: 13 Jun 2023 09:52

Tgt Ion: 49 Resp: 213180
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.8
 130 81.5 75.3 112.9





#29

Tetrahydrofuran

Concen: 241.205 ug/l

RT: 7.841 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN078176.D

Acq: 13 Jun 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 39929

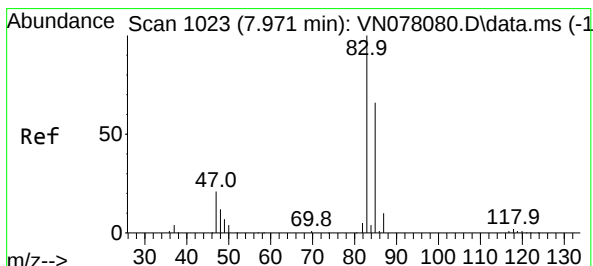
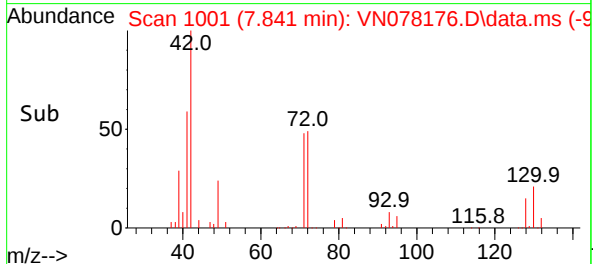
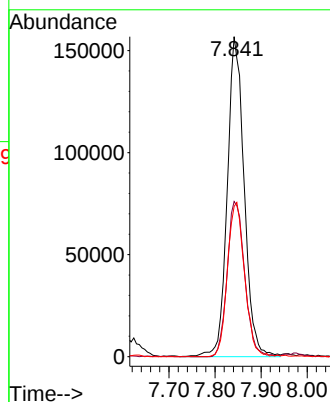
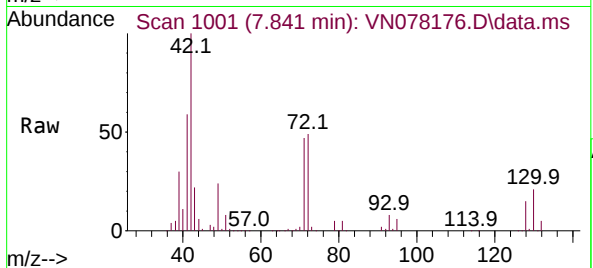
Ion	Ratio	Lower	Upper
42	100		
72	50.1	49.8	74.6
71	48.8	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#30

Chloroform

Concen: 49.774 ug/l

RT: 7.971 min Scan# 1023

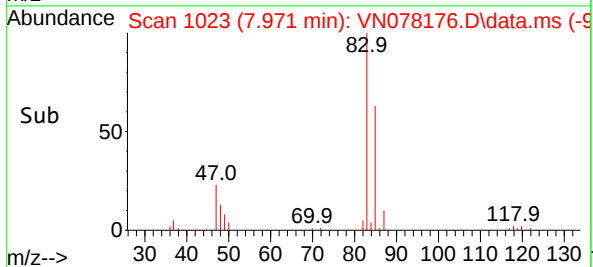
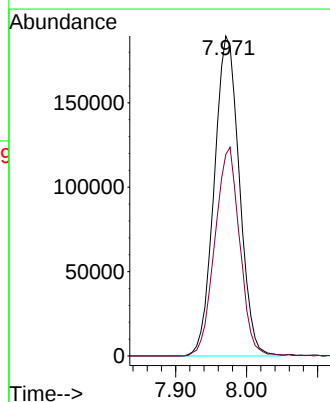
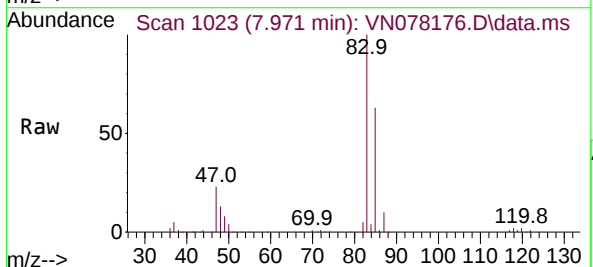
Delta R.T. 0.000 min

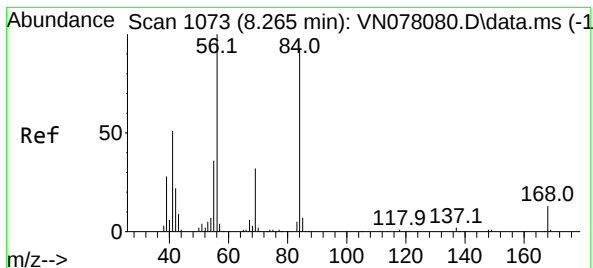
Lab File: VN078176.D

Acq: 13 Jun 2023 09:52

Tgt Ion: 83 Resp: 465173

Ion	Ratio	Lower	Upper
83	100		
85	63.0	55.4	83.0





#31

Cyclohexane

Concen: 47.829 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.000 min

Lab File: VN078176.D

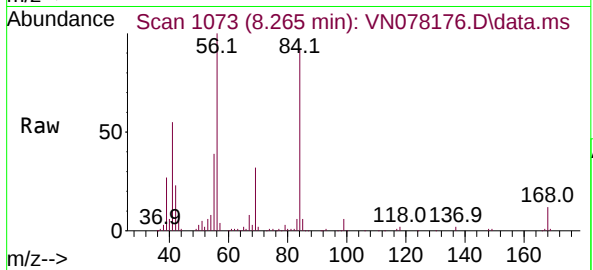
Acq: 13 Jun 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 56 Resp: 343239

Ion Ratio Lower Upper

56 100

69 32.0 26.8 40.2

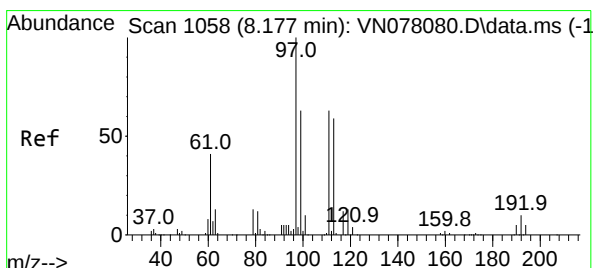
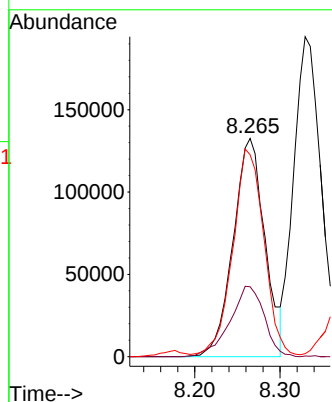
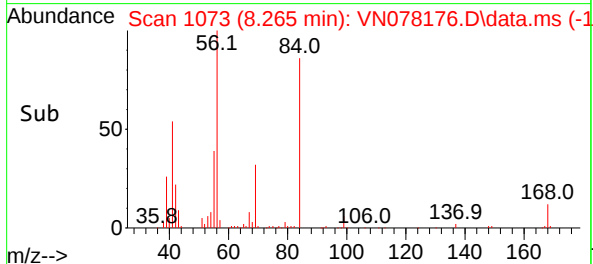
84 90.7 81.8 122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#32

1,1,1-Trichloroethane

Concen: 50.338 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078176.D

Acq: 13 Jun 2023 09:52

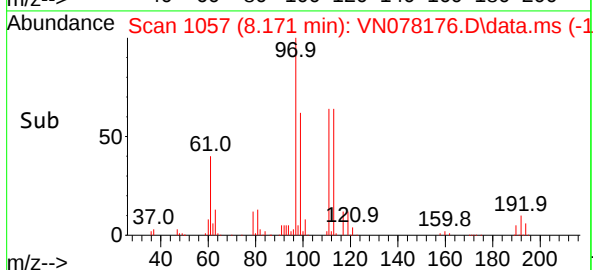
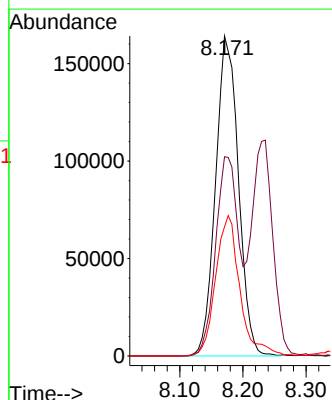
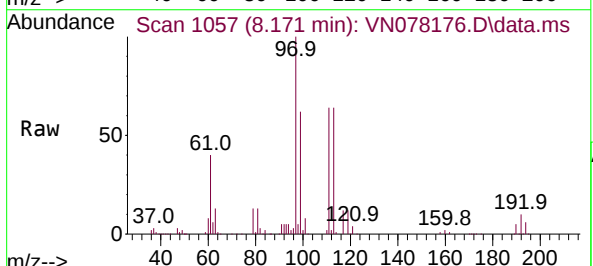
Tgt Ion: 97 Resp: 413021

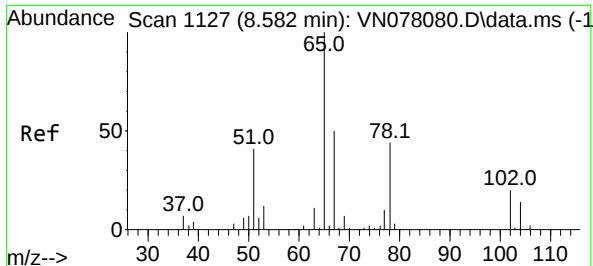
Ion Ratio Lower Upper

97 100

99 61.6 50.3 75.5

61 46.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.635 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN078176.D

Acq: 13 Jun 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 28886

Ion Ratio Lower Upper

65 100

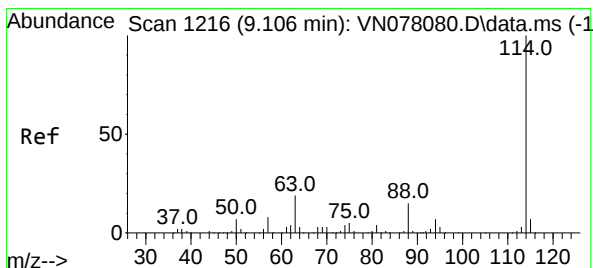
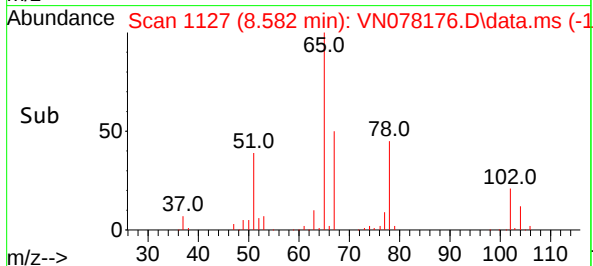
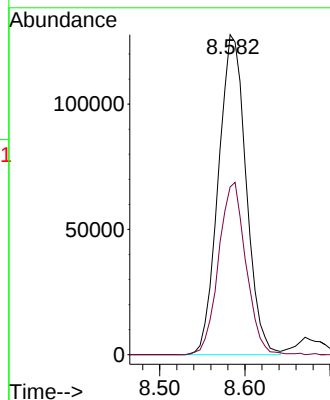
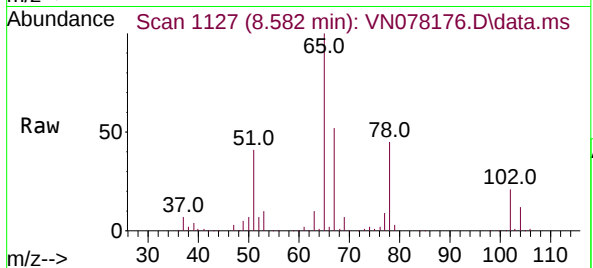
67 53.1 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078176.D

Acq: 13 Jun 2023 09:52

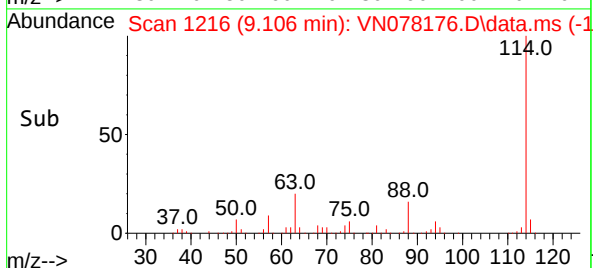
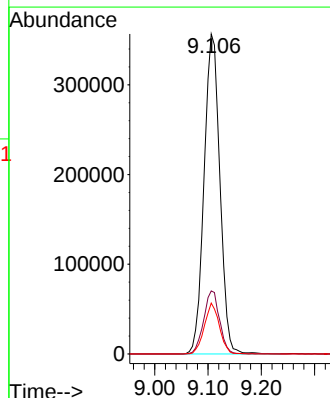
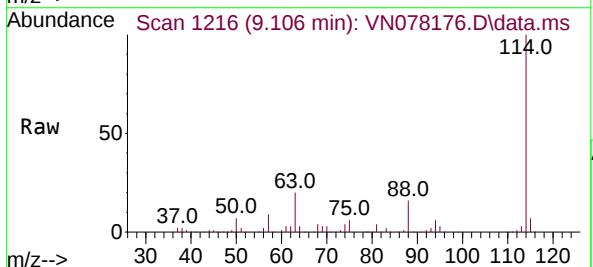
Tgt Ion:114 Resp: 734858

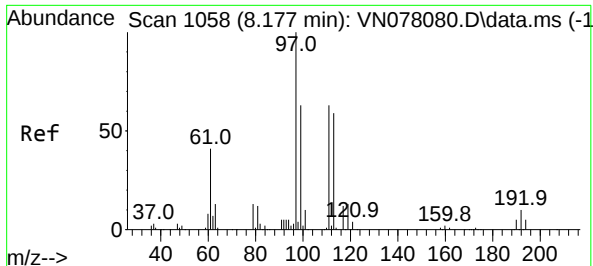
Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.4

88 15.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.761 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078176.D

Acq: 13 Jun 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 24515

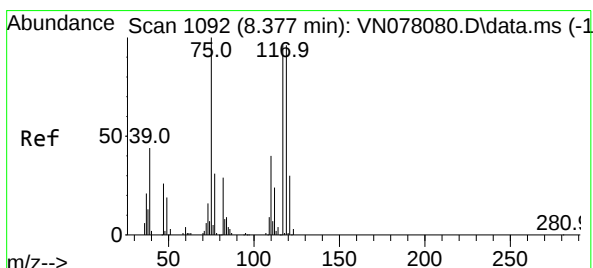
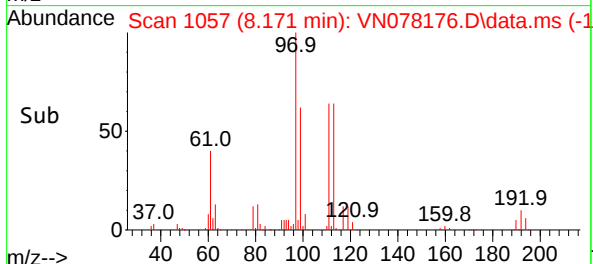
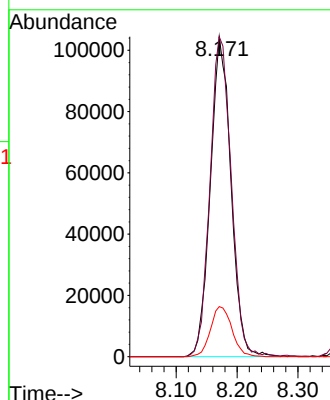
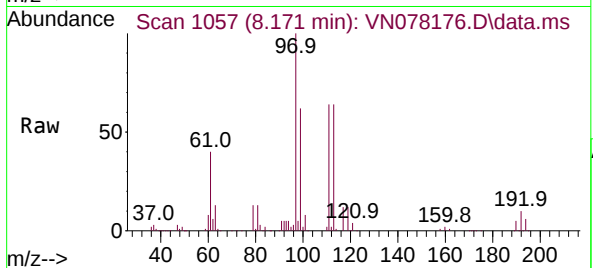
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.6	123.8
192	16.3	12.7	19.1

Manual Integrations

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Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#36

1,1-Dichloropropene

Concen: 50.218 ug/l

RT: 8.377 min Scan# 1092

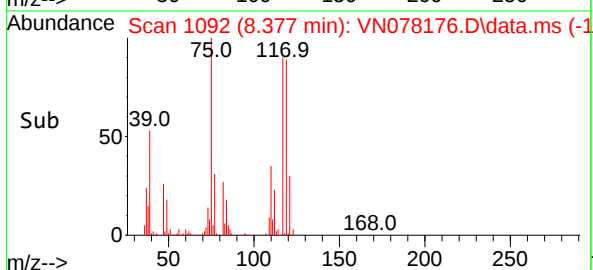
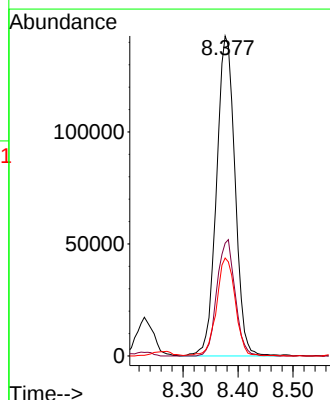
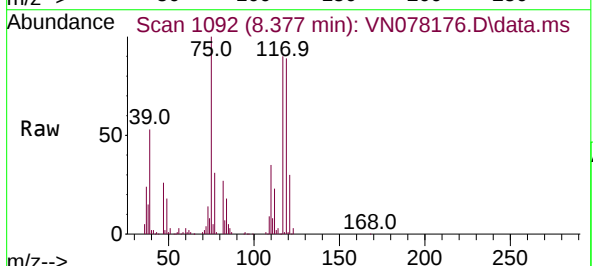
Delta R.T. 0.000 min

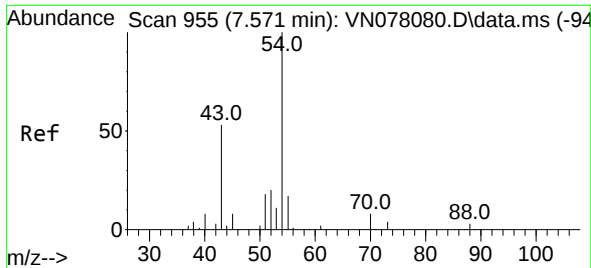
Lab File: VN078176.D

Acq: 13 Jun 2023 09:52

Tgt Ion: 75 Resp: 334692

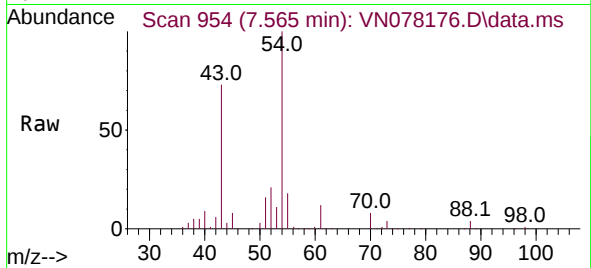
Ion	Ratio	Lower	Upper
75	100		
110	35.7	19.1	57.3
77	30.8	25.0	37.4





#37
Ethyl Acetate
Concen: 48.735 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

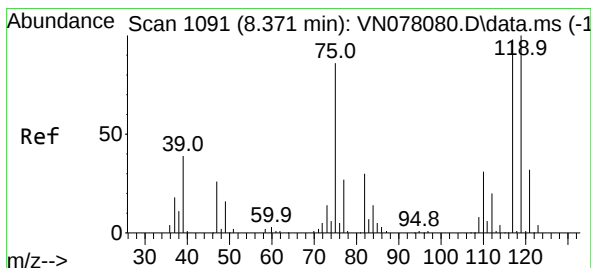
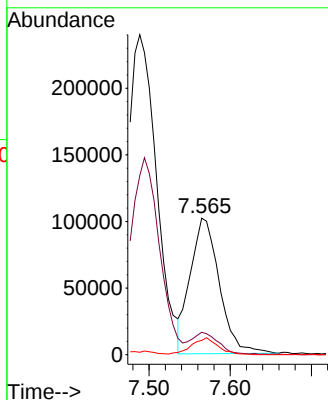
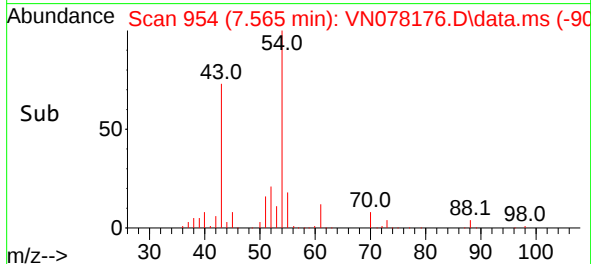
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 253739
Ion Ratio Lower Upper
43 100
61 14.7 13.2 19.8
70 11.3 11.3 16.9

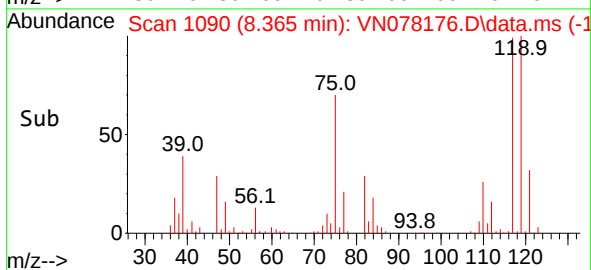
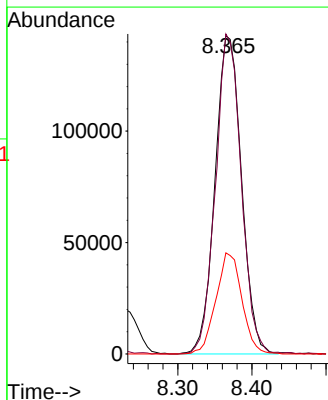
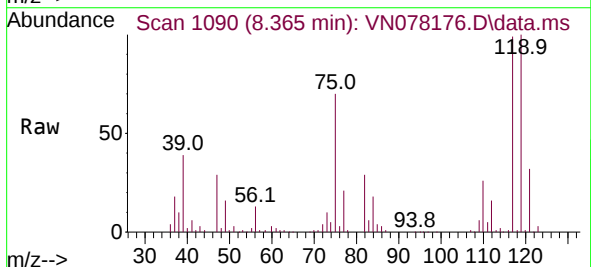
Manual Integrations
APPROVED

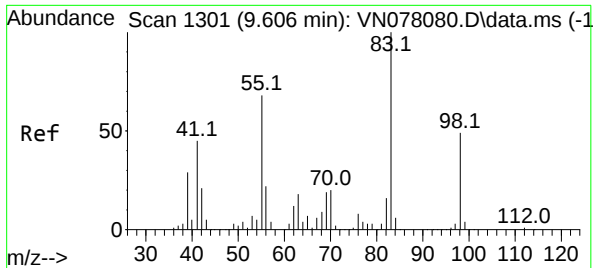
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#38
Carbon Tetrachloride
Concen: 50.333 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

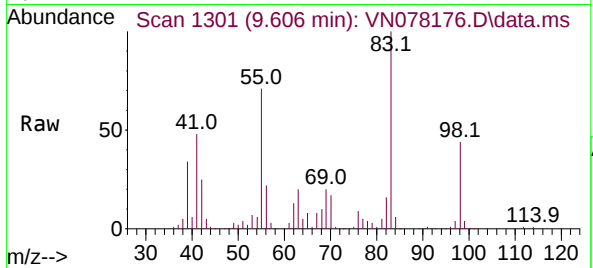
Tgt Ion:117 Resp: 354206
Ion Ratio Lower Upper
117 100
119 100.5 77.3 115.9
121 31.8 23.3 34.9





#39
Methylcyclohexane
Concen: 49.053 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

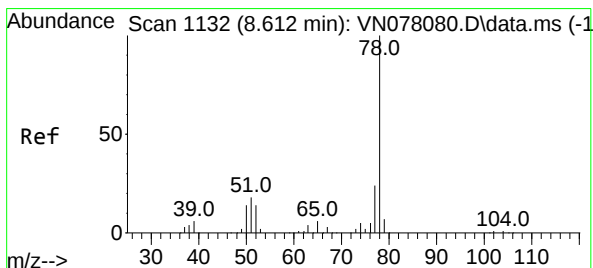
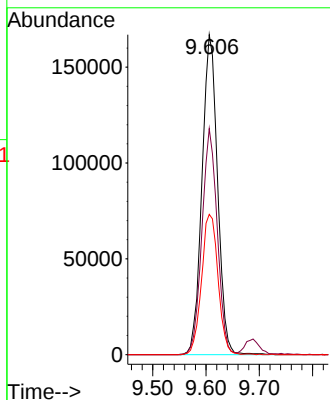
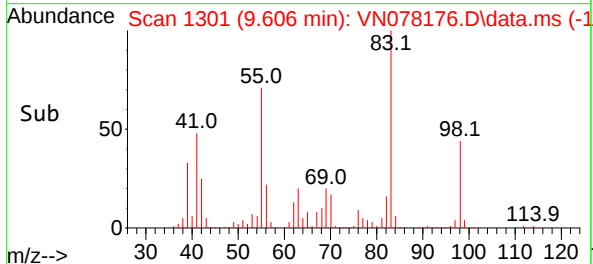
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



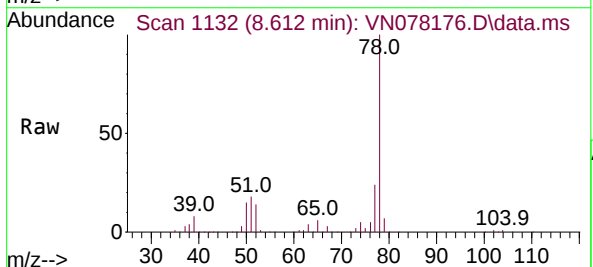
Tgt Ion: 83 Resp: 33880
Ion Ratio Lower Upper
83 100
55 70.6 49.1 73.7
98 43.9 40.6 61.0

Manual Integrations
APPROVED

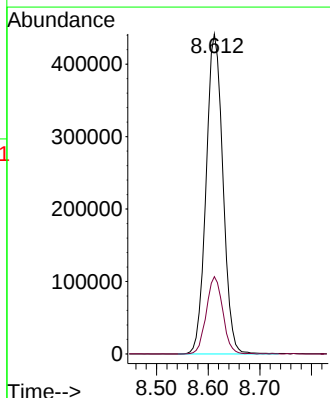
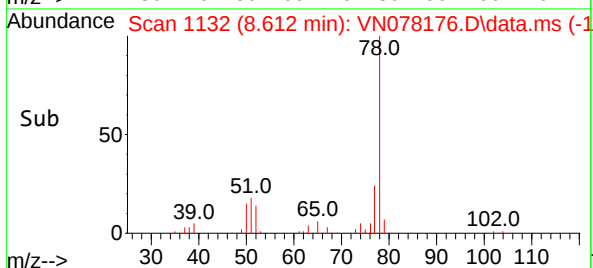
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

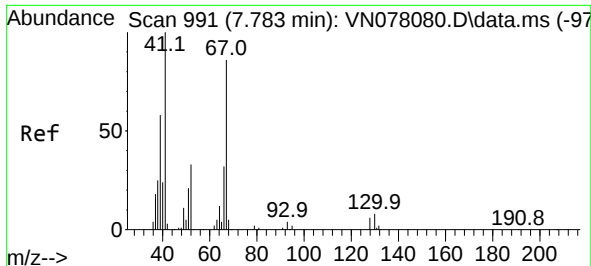


#40
Benzene
Concen: 50.136 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52



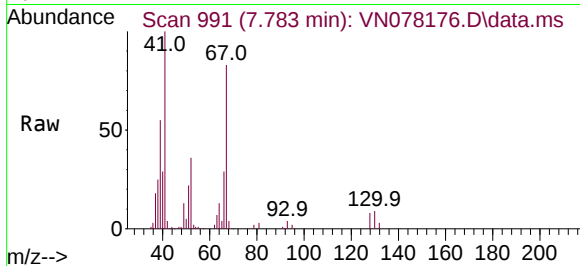
Tgt Ion: 78 Resp: 997551
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.6





#41
Methacrylonitrile
Concen: 48.102 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

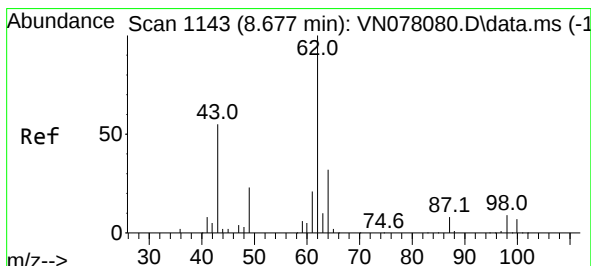
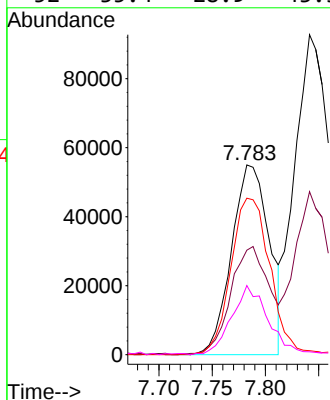
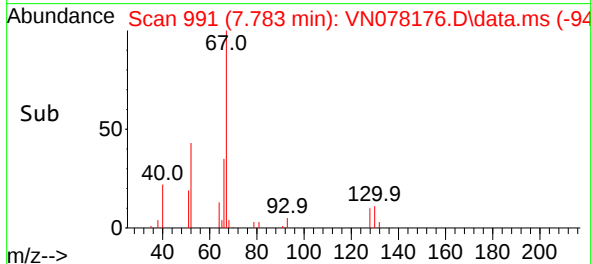
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:	41	Resp:	13574
Ion Ratio	100	Lower	Upper
41	100		
39	58.2	42.6	64.0
67	85.8	77.5	116.3
52	35.4	28.9	43.3

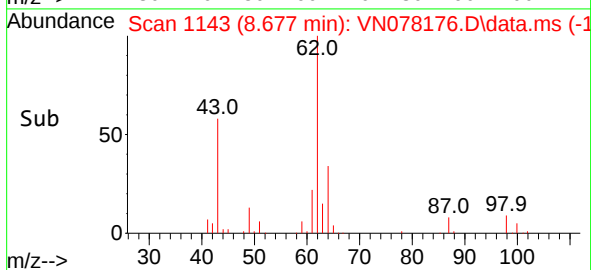
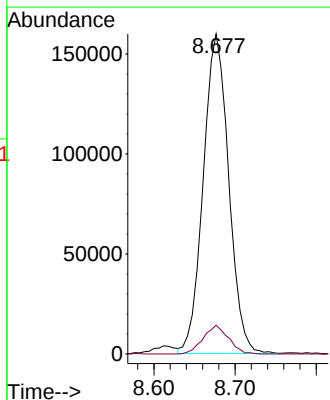
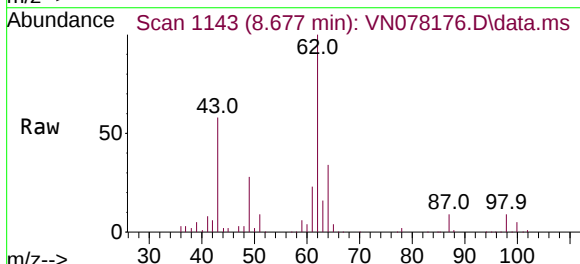
Manual Integrations
APPROVED

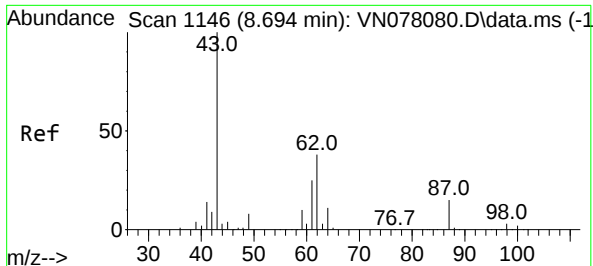
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#42
1,2-Dichloroethane
Concen: 51.048 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

Tgt Ion:	62	Resp:	348254
Ion Ratio	100	Lower	Upper
62	100		
98	8.9	0.0	19.8





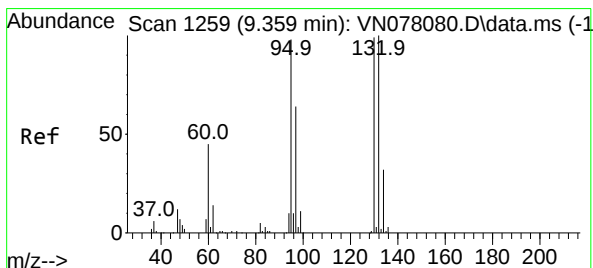
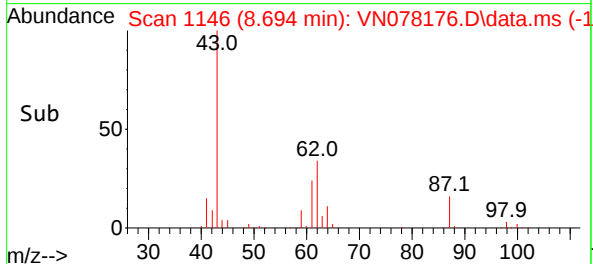
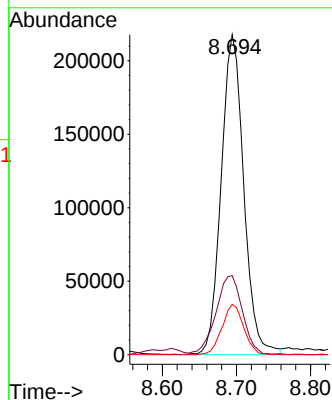
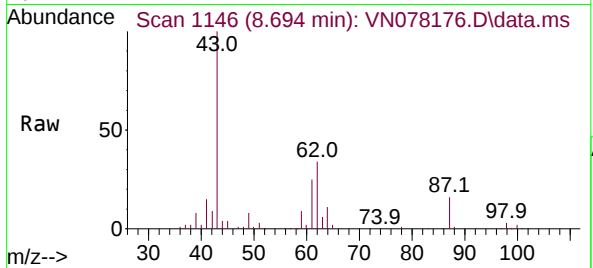
#43
Isopropyl Acetate
Concen: 46.314 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 46115
Ion Ratio Lower Upper
43 100
61 29.1 24.7 37.1
87 15.1 14.6 21.8

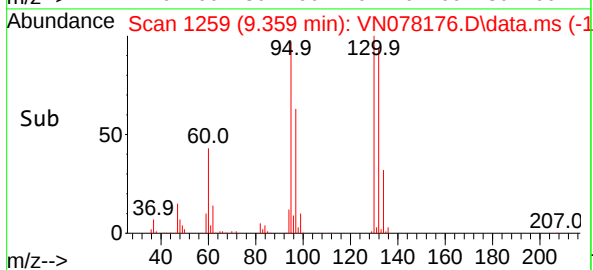
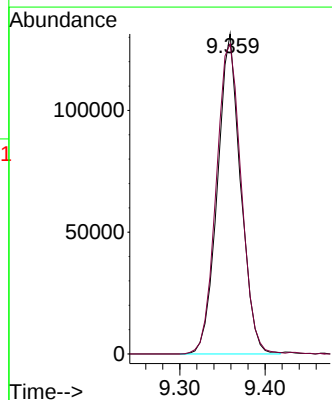
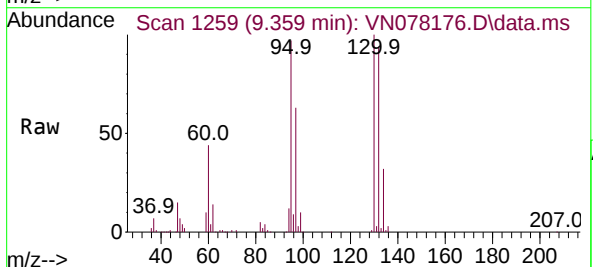
Manual Integrations
APPROVED

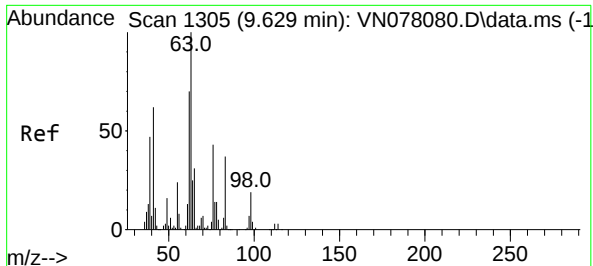
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#44
Trichloroethene
Concen: 47.192 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

Tgt Ion:130 Resp: 247972
Ion Ratio Lower Upper
130 100
95 96.9 0.0 204.6





#45

1,2-Dichloropropane

Concen: 51.751 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VN078176.D

Acq: 13 Jun 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 256190

Ion Ratio Lower Upper

63 100

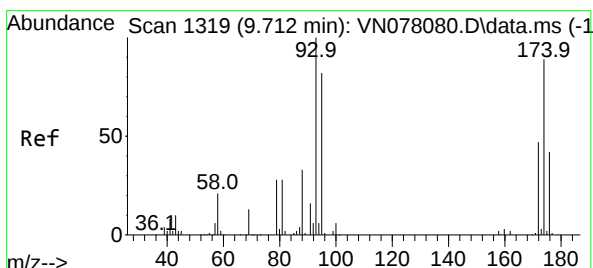
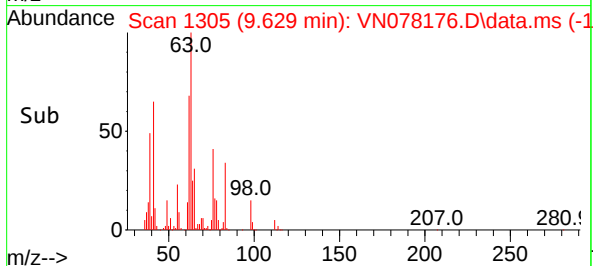
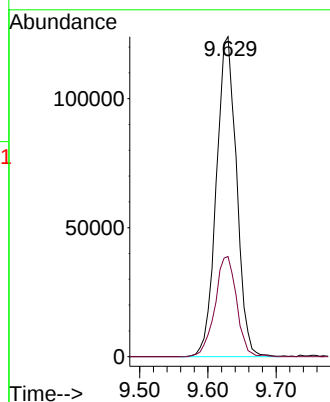
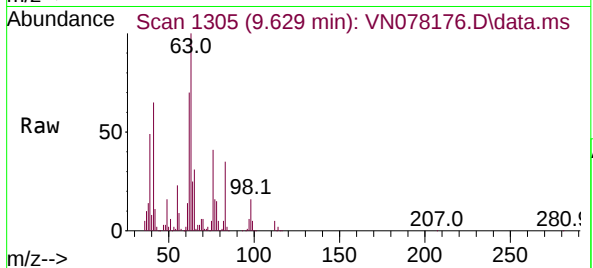
65 31.3 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#46

Dibromomethane

Concen: 49.319 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN078176.D

Acq: 13 Jun 2023 09:52

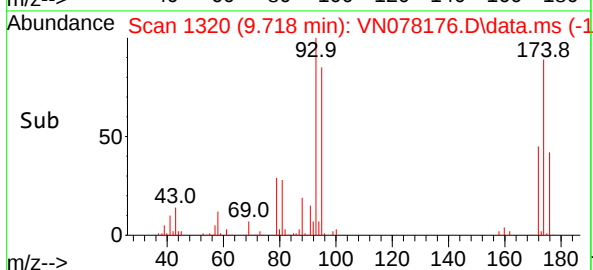
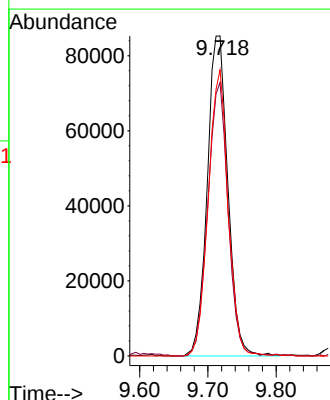
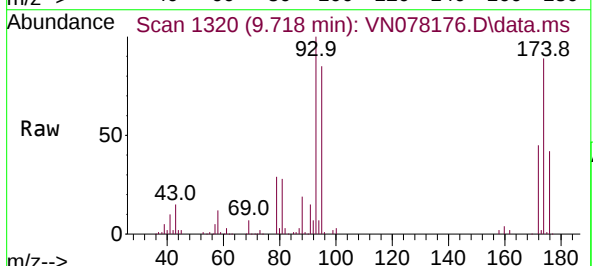
Tgt Ion: 93 Resp: 179831

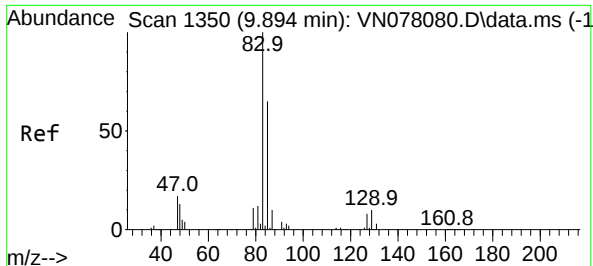
Ion Ratio Lower Upper

93 100

95 83.5 63.8 95.8

174 85.8 65.6 98.4





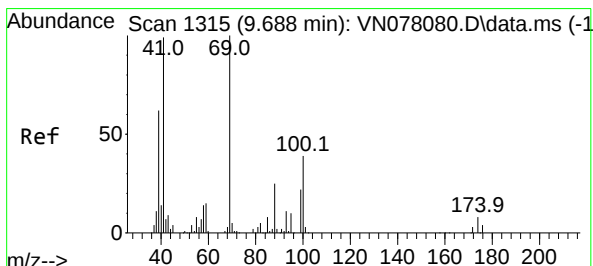
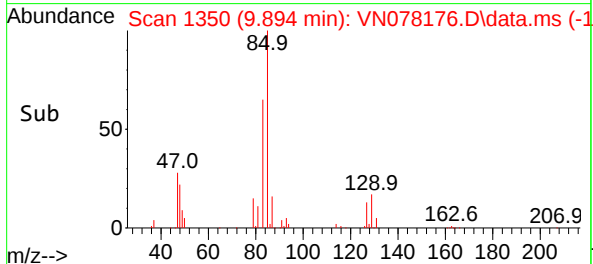
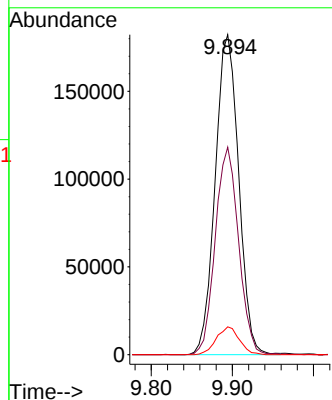
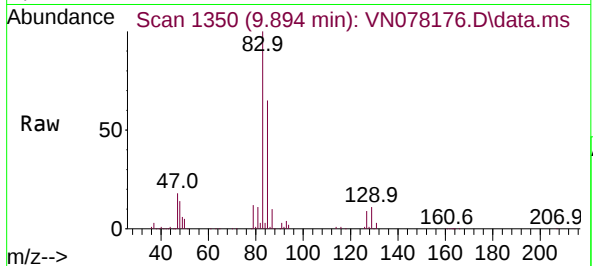
#47
Bromodichloromethane
Concen: 54.133 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 36664
Ion Ratio Lower Upper
83 100
85 64.9 49.6 74.4
127 8.7 7.0 10.6

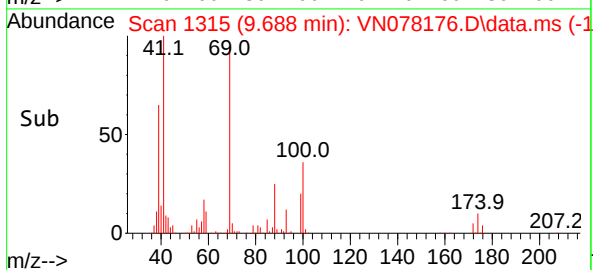
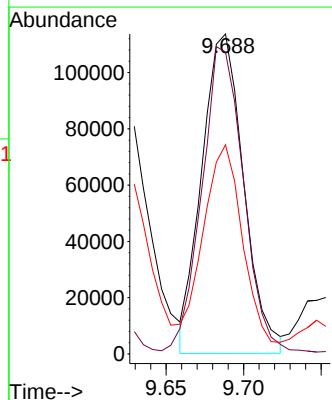
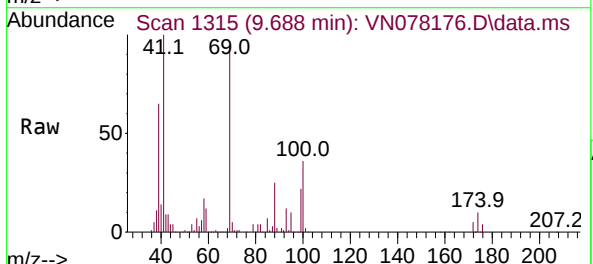
Manual Integrations
APPROVED

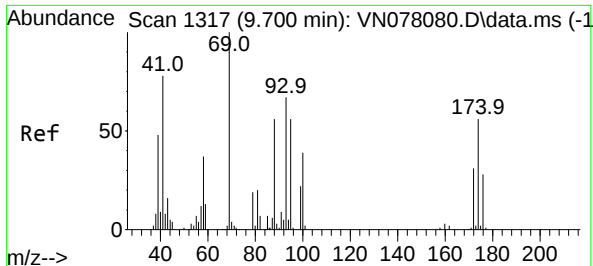
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#48
Methyl methacrylate
Concen: 51.114 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

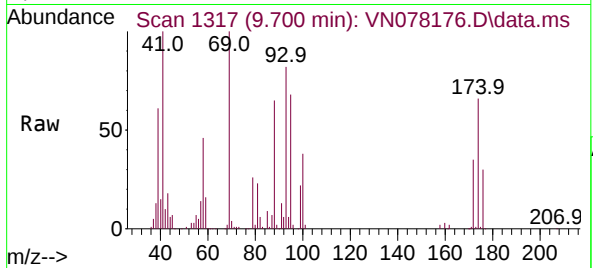
Tgt Ion: 41 Resp: 213584
Ion Ratio Lower Upper
41 100
69 96.8 90.4 135.6
39 64.9 54.6 81.8





#49
1,4-Dioxane
Concen: 963.556 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

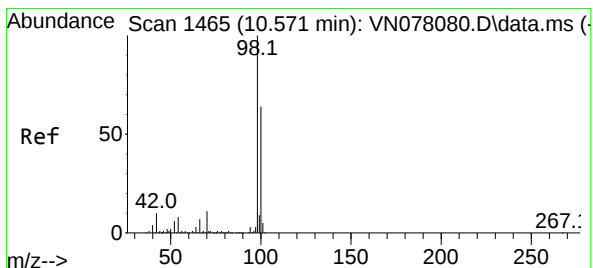
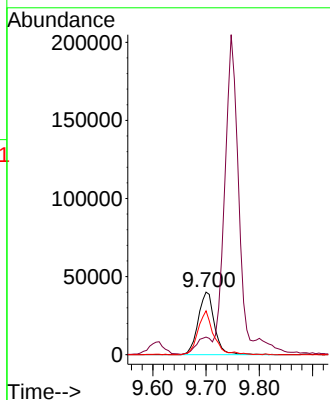
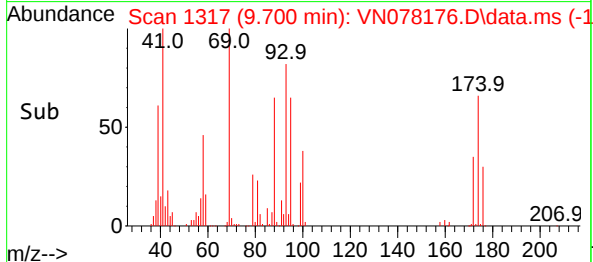
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



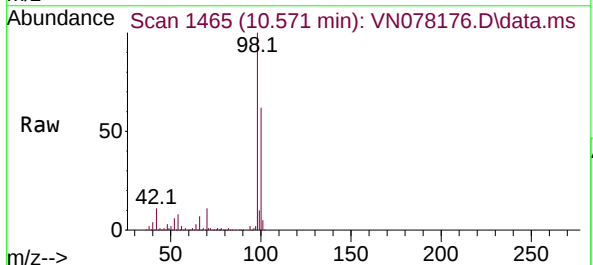
Tgt Ion: 88 Resp: 84624
Ion Ratio Lower Upper
88 100
43 26.1 17.0 25.6
58 67.8 47.0 70.4

Manual Integrations
APPROVED

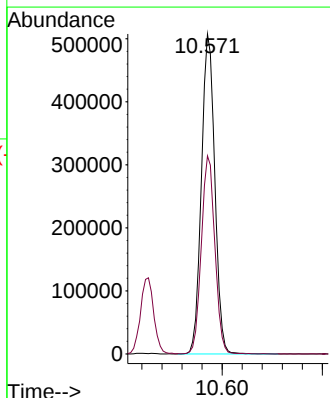
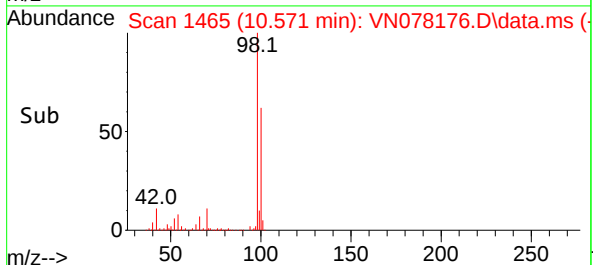
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

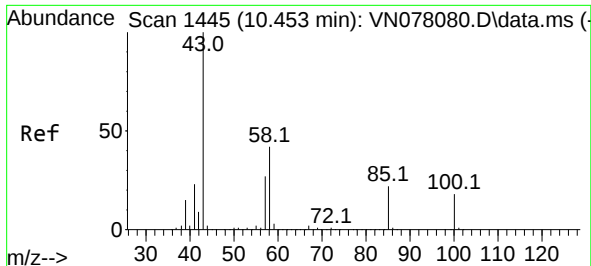


#50
Toluene-d8
Concen: 52.484 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52



Tgt Ion: 98 Resp: 940106
Ion Ratio Lower Upper
98 100
100 62.7 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 252.085 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

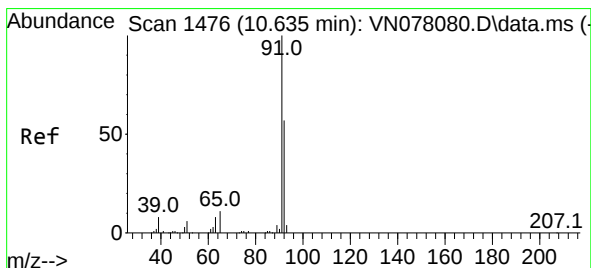
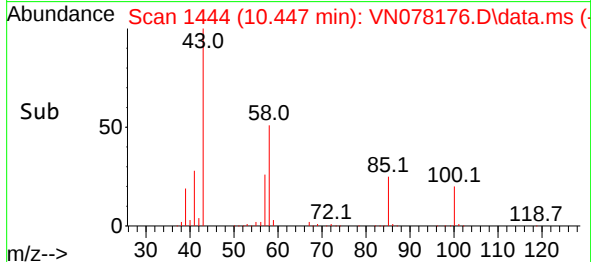
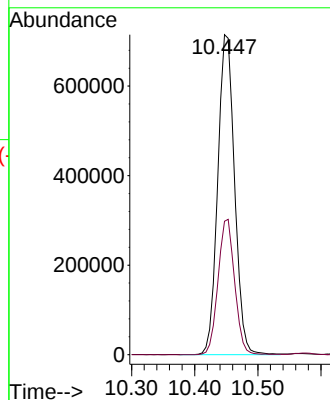
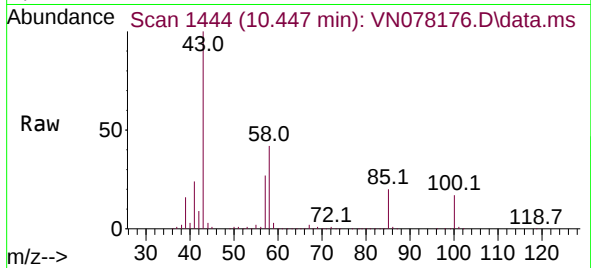
VSTDCCC050

Tgt Ion: 43 Resp: 132176
Ion Ratio Lower Upper
43 100
58 41.7 36.6 54.8

Manual Integrations

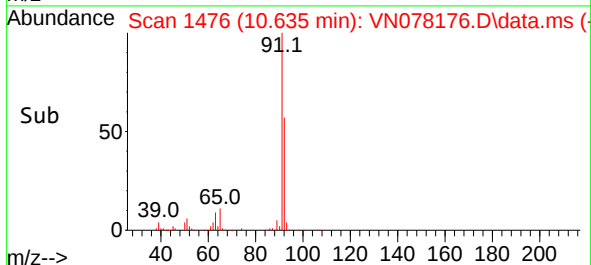
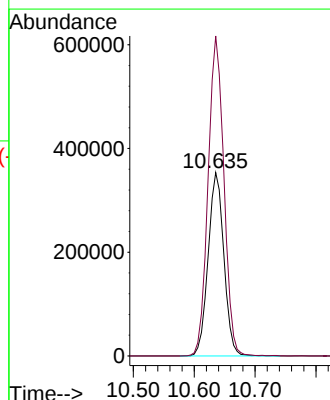
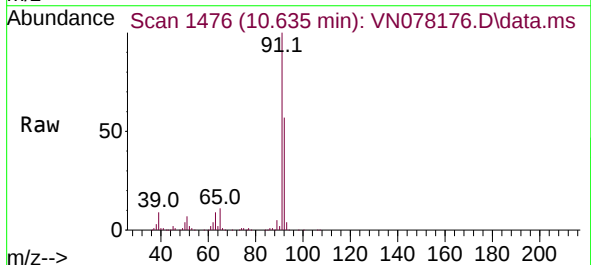
APPROVED

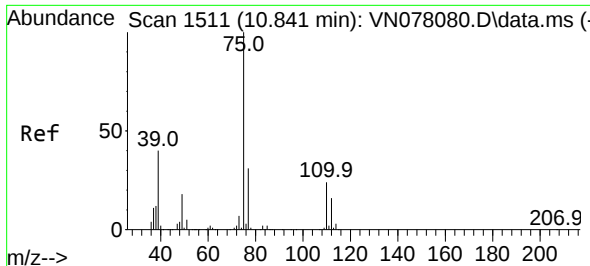
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#52
Toluene
Concen: 50.455 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

Tgt Ion: 92 Resp: 633843
Ion Ratio Lower Upper
92 100
91 175.8 137.4 206.0





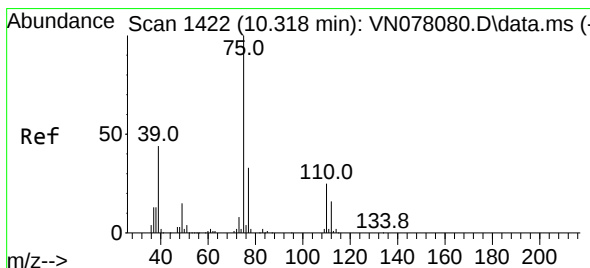
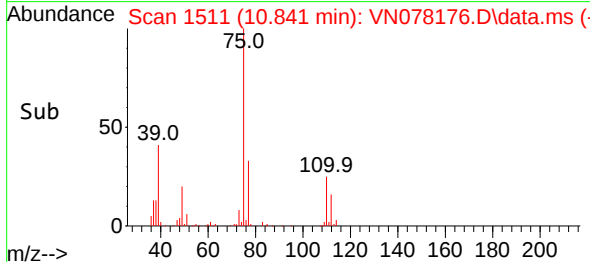
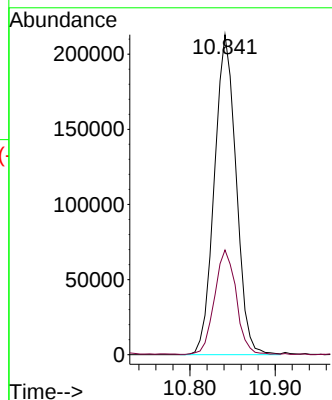
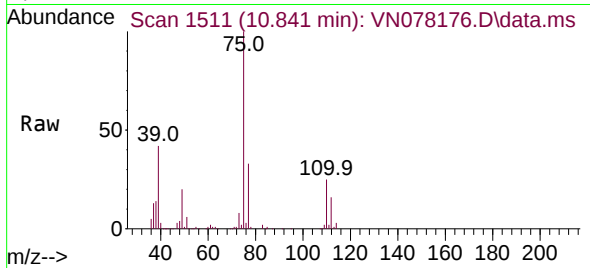
#53
t-1,3-Dichloropropene
Concen: 53.596 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 378050
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.0

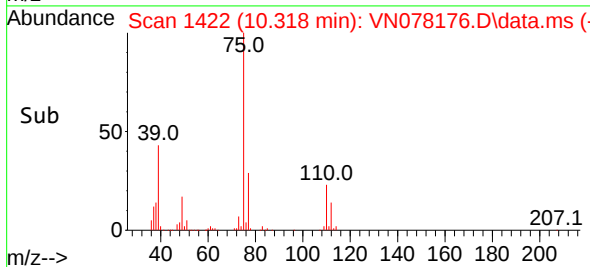
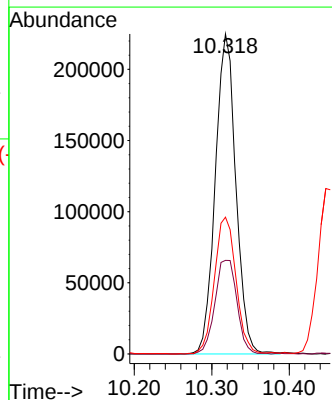
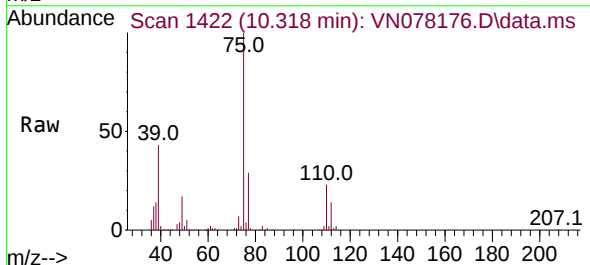
Manual Integrations
APPROVED

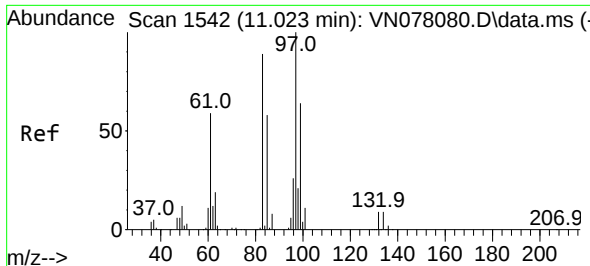
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#54
cis-1,3-Dichloropropene
Concen: 53.186 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

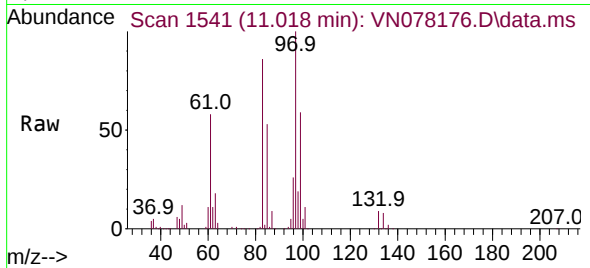
Tgt Ion: 75 Resp: 414714
Ion Ratio Lower Upper
75 100
77 29.2 26.1 39.1
39 42.7 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 52.663 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

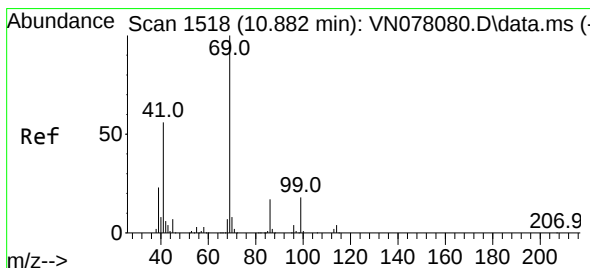
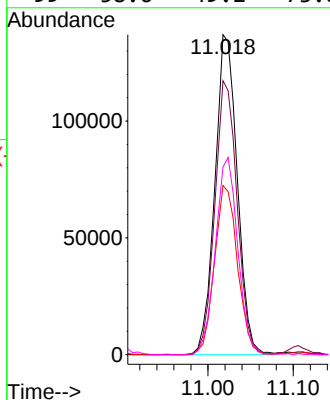
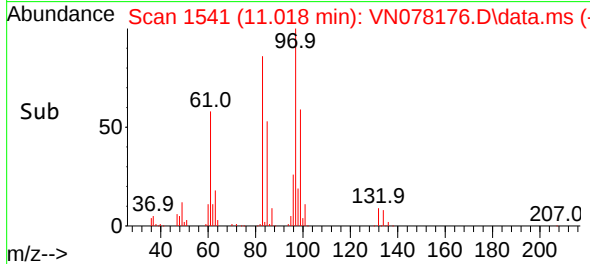
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 25026
Ion Ratio Lower Upper
97 100
83 85.6 65.1 97.7
85 52.8 43.4 65.2
99 58.6 49.2 73.8

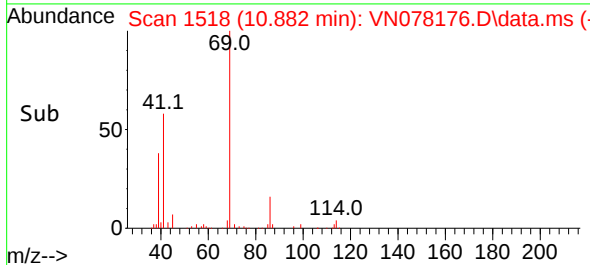
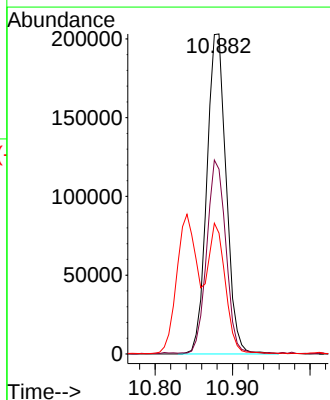
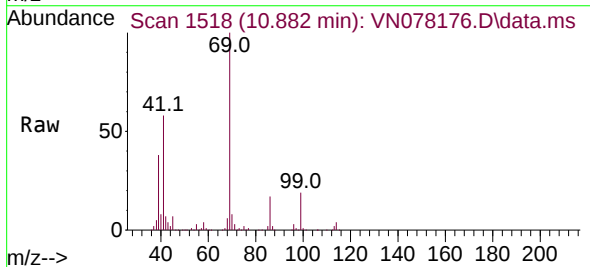
Manual Integrations
APPROVED

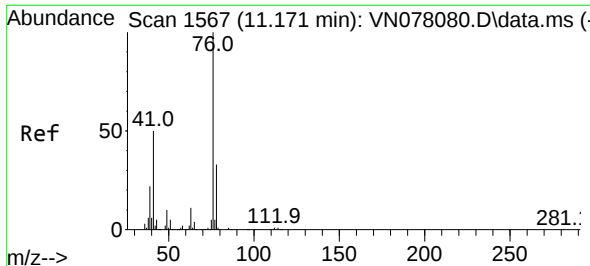
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#56
Ethyl methacrylate
Concen: 50.921 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

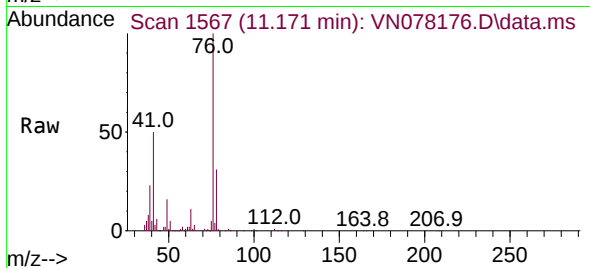
Tgt Ion: 69 Resp: 352357
Ion Ratio Lower Upper
69 100
41 59.5 39.6 59.4#
39 37.7 28.6 43.0





#57
1,3-Dichloropropane
Concen: 52.171 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

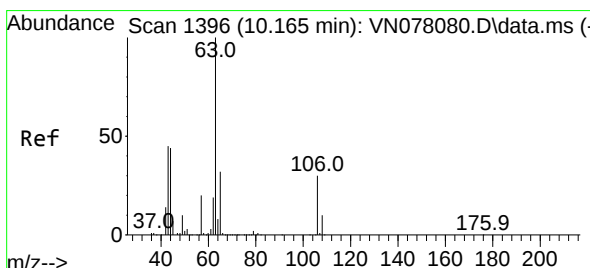
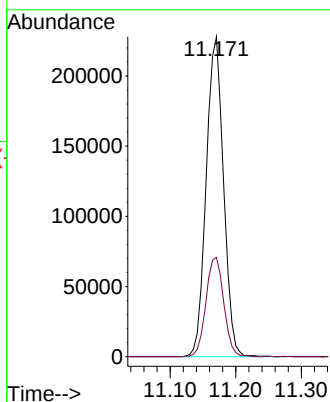
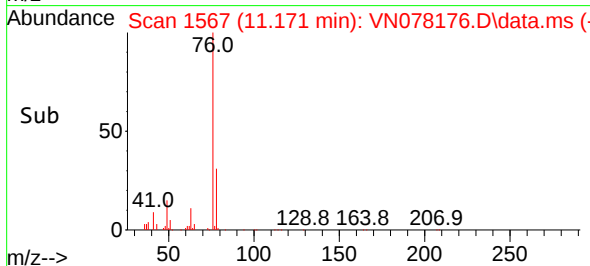
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



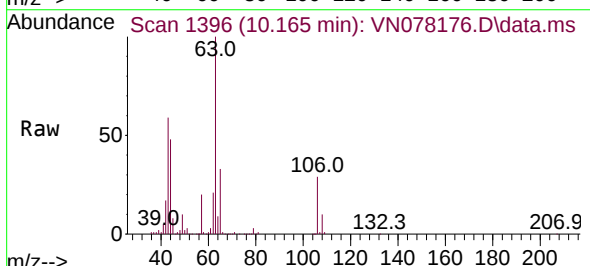
Tgt Ion: 76 Resp: 418494
Ion Ratio Lower Upper
76 100
78 31.9 26.1 39.1

Manual Integrations
APPROVED

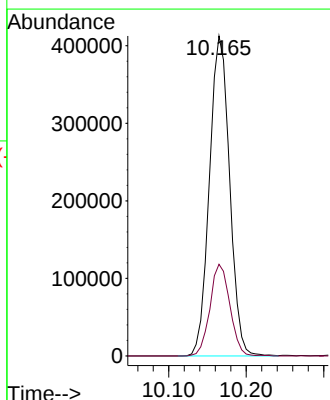
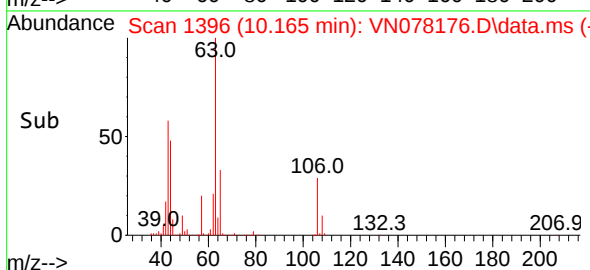
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

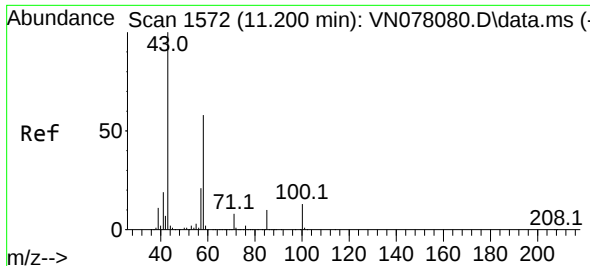


#58
2-Chloroethyl Vinyl ether
Concen: 266.934 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52



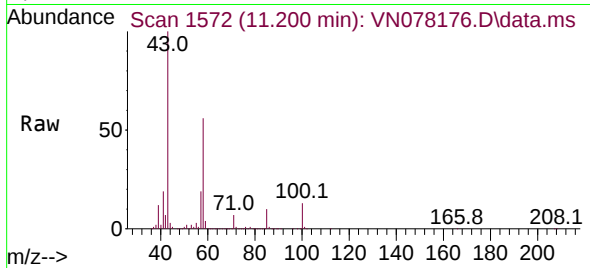
Tgt Ion: 63 Resp: 746165
Ion Ratio Lower Upper
63 100
106 28.3 26.2 39.4





#59
2-Hexanone
Concen: 255.071 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

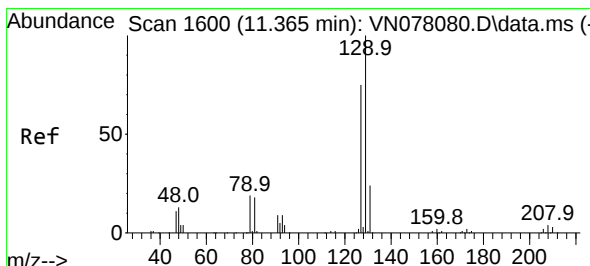
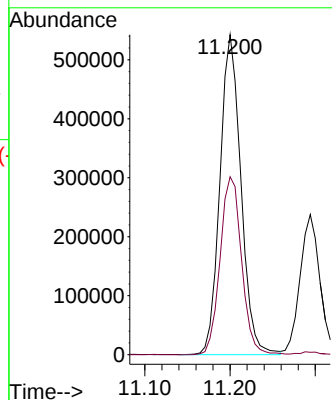
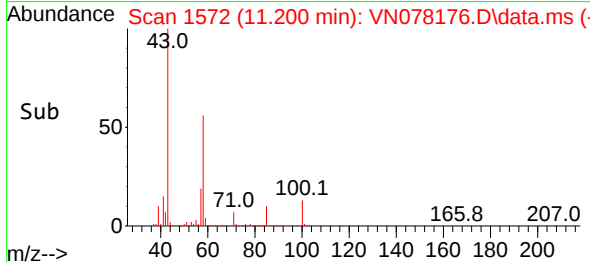
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



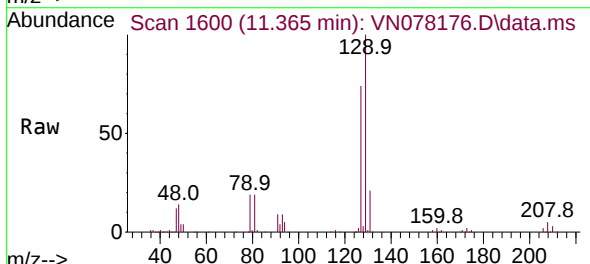
Tgt Ion: 43 Resp: 931230
Ion Ratio Lower Upper
43 100
58 56.7 31.7 95.1

Manual Integrations
APPROVED

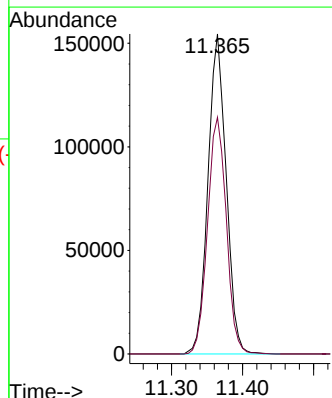
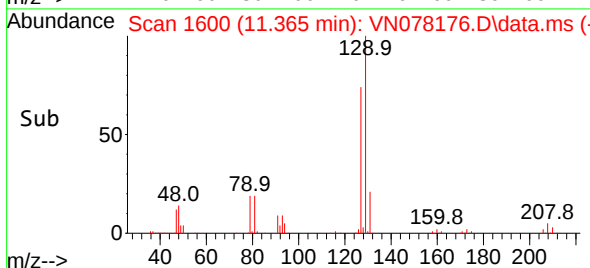
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

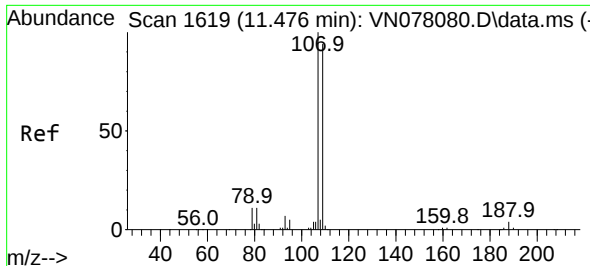


#60
Dibromochloromethane
Concen: 52.739 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52



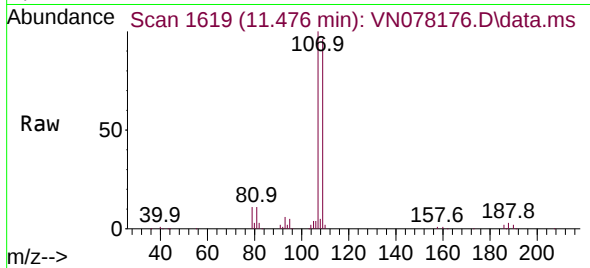
Tgt Ion:129 Resp: 274250
Ion Ratio Lower Upper
129 100
127 76.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 49.894 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

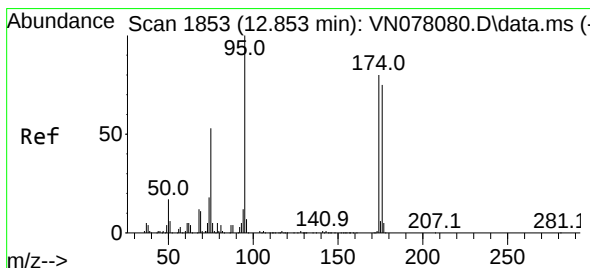
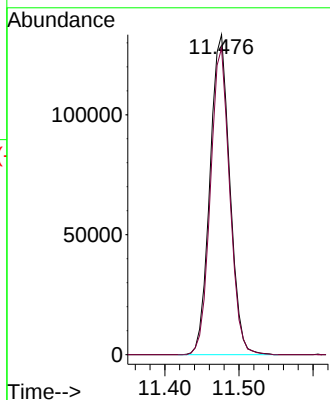
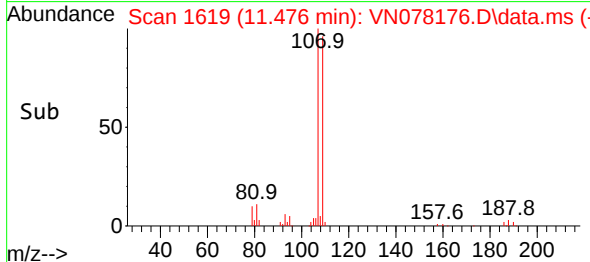
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



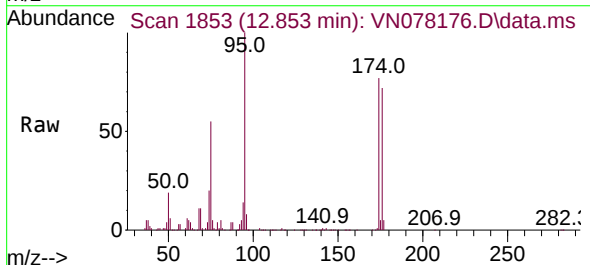
Tgt Ion:107 Resp: 248830
Ion Ratio Lower Upper
107 100
109 92.6 76.6 114.8

Manual Integrations
APPROVED

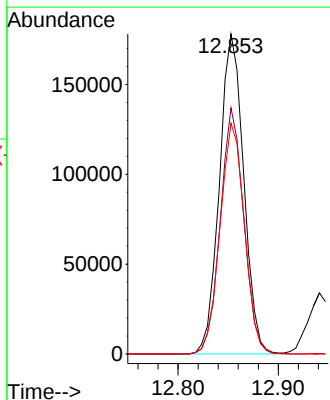
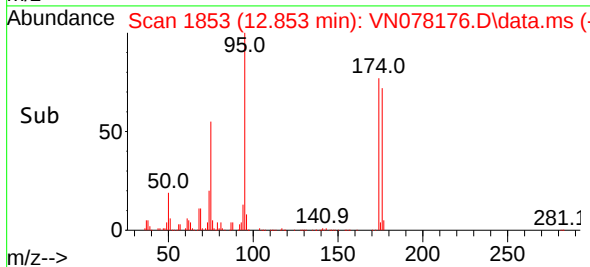
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

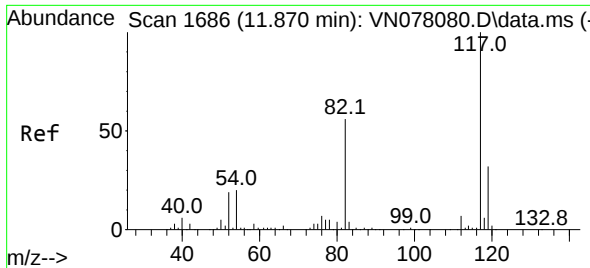


#62
4-Bromofluorobenzene
Concen: 53.691 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52



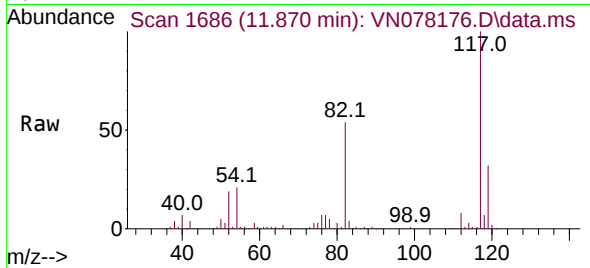
Tgt Ion: 95 Resp: 298981
Ion Ratio Lower Upper
95 100
174 74.4 0.0 143.8
176 72.5 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

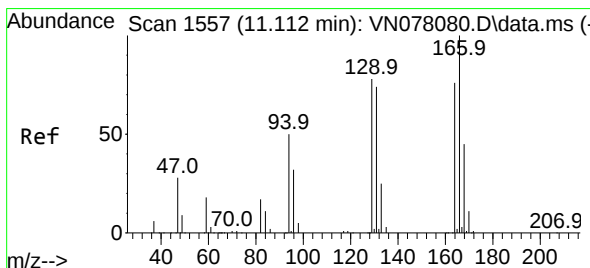
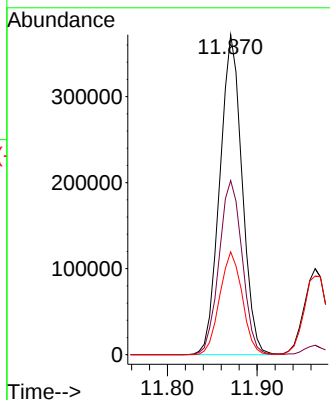
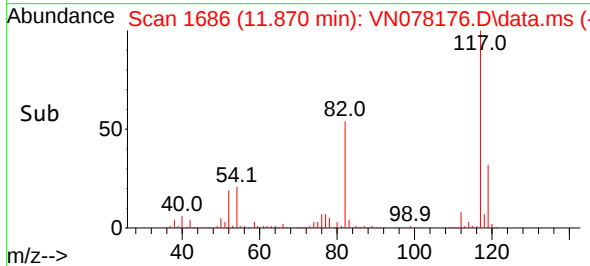
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 64263
Ion Ratio Lower Upper
117 100
82 54.4 44.0 66.0
119 32.1 25.6 38.4

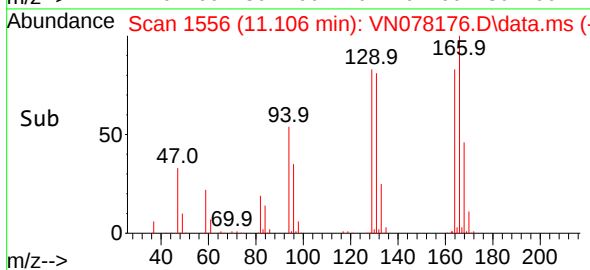
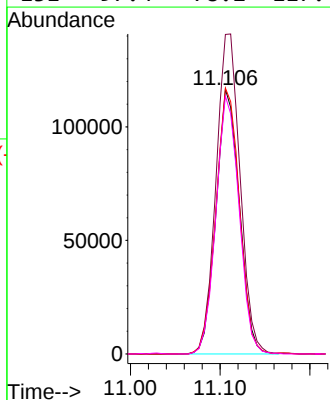
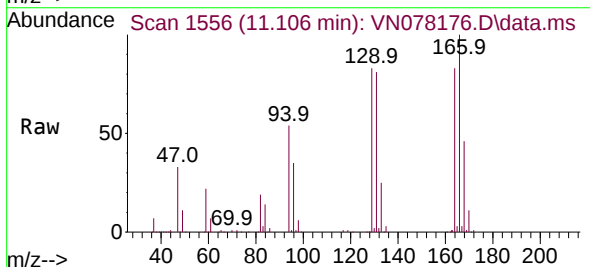
Manual Integrations
APPROVED

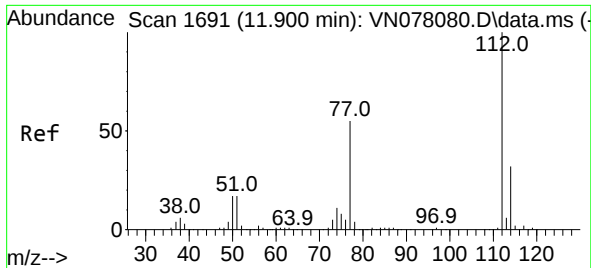
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#64
Tetrachloroethene
Concen: 49.089 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

Tgt Ion:164 Resp: 210455
Ion Ratio Lower Upper
164 100
166 120.8 101.4 152.0
129 100.5 82.4 123.6
131 97.4 78.2 117.4





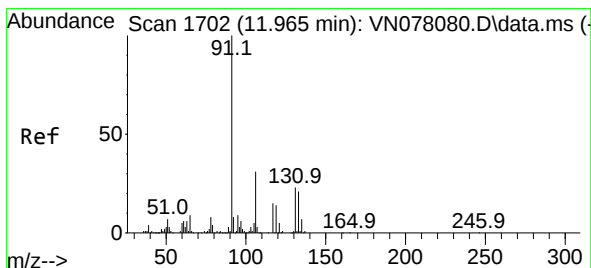
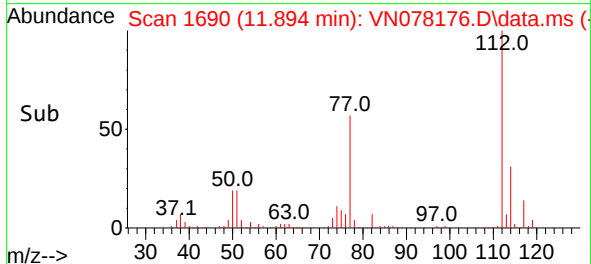
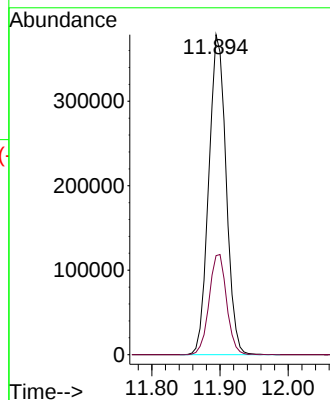
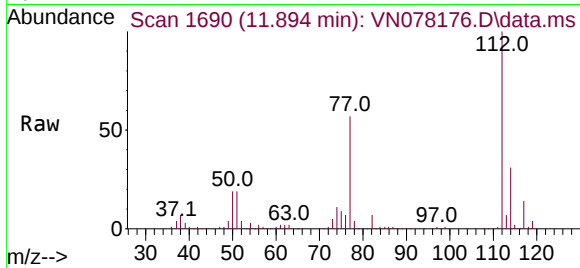
#65
Chlorobenzene
Concen: 48.704 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. -0.006 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 670284
Ion Ratio Lower Upper
112 100
114 31.0 25.0 37.4

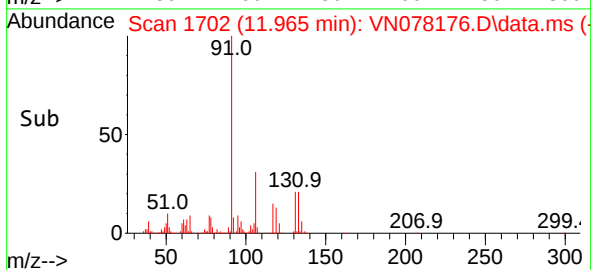
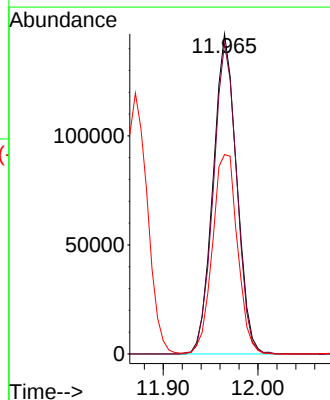
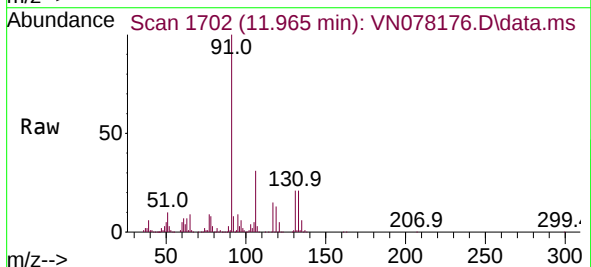
Manual Integrations
APPROVED

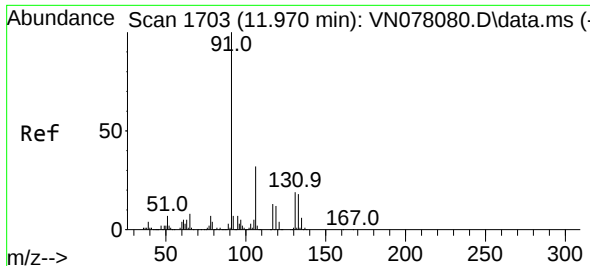
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 50.077 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

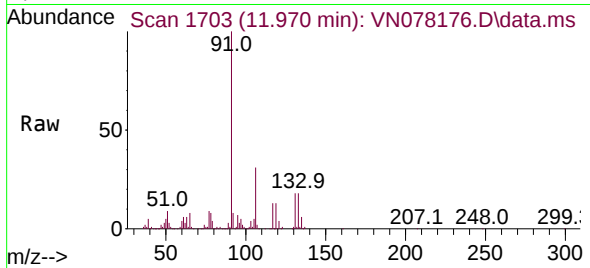
Tgt Ion:131 Resp: 253479
Ion Ratio Lower Upper
131 100
133 96.5 46.4 139.1
119 66.3 34.1 102.2





#67
Ethyl Benzene
Concen: 50.862 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

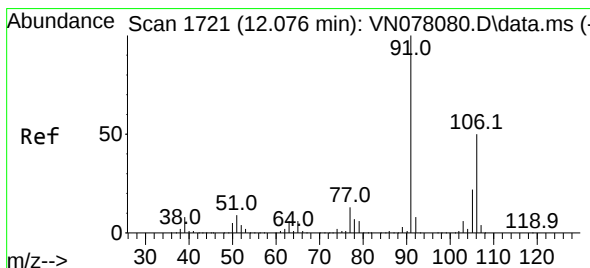
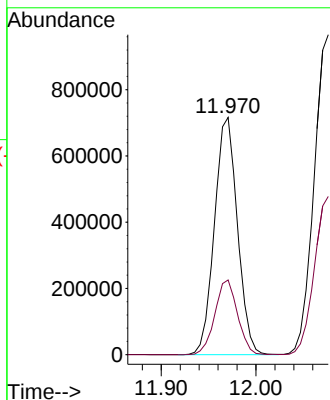
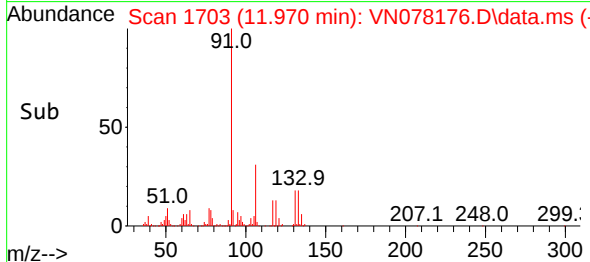
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



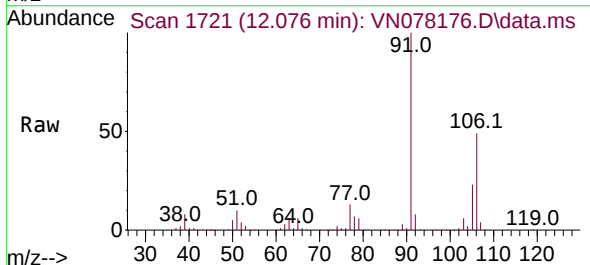
Tgt Ion: 91 Resp: 1207790
Ion Ratio Lower Upper
91 100
106 31.5 25.6 38.4

Manual Integrations
APPROVED

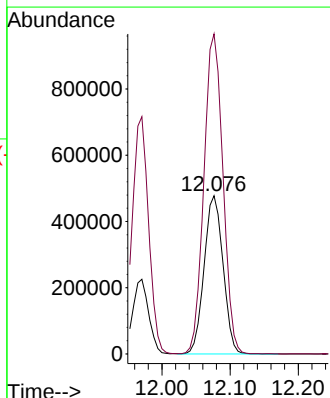
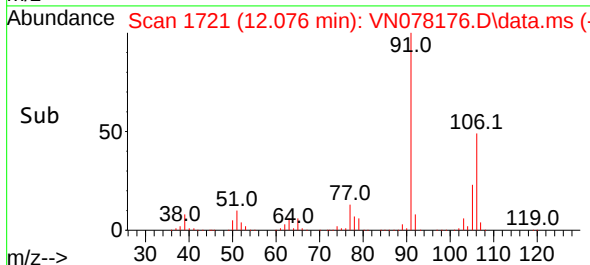
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

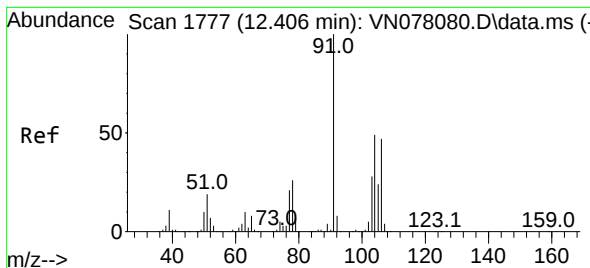


#68
m/p-Xylenes
Concen: 101.991 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52



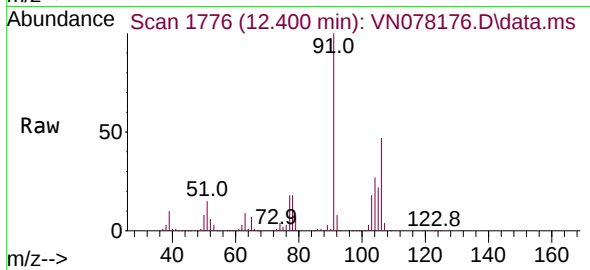
Tgt Ion:106 Resp: 923010
Ion Ratio Lower Upper
106 100
91 203.4 159.6 239.4





#69
o-Xylene
Concen: 50.548 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

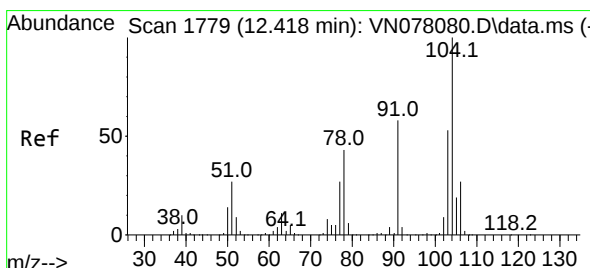
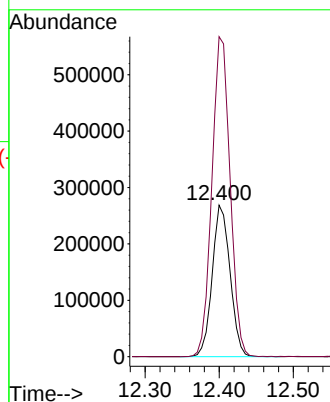
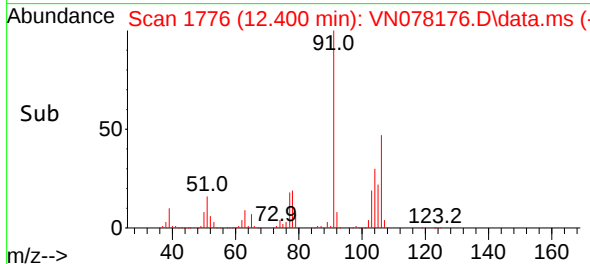
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 449220
Ion Ratio Lower Upper
106 100
91 215.5 105.2 315.5

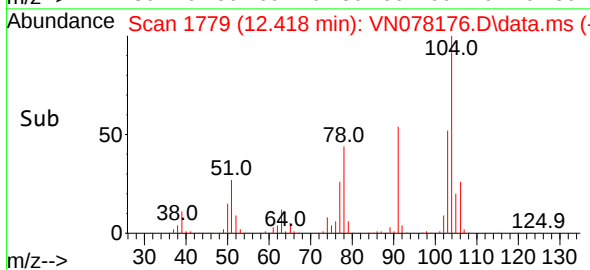
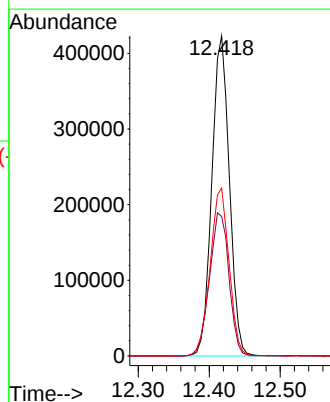
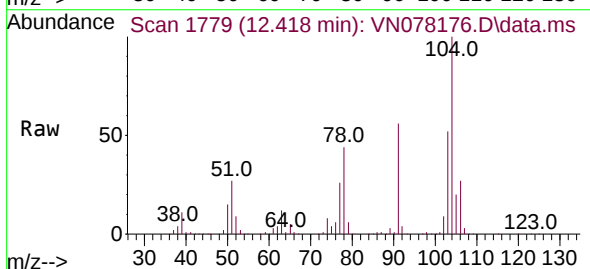
Manual Integrations
APPROVED

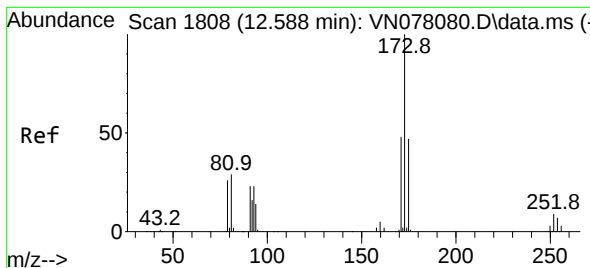
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#70
Styrene
Concen: 51.825 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

Tgt Ion:104 Resp: 725096
Ion Ratio Lower Upper
104 100
78 49.6 39.5 59.3
103 56.5 43.2 64.8





#71

Bromoform

Concen: 51.217 ug/l

RT: 12.582 min Scan# 1808

Delta R.T. -0.006 min

Lab File: VN078176.D

Acq: 13 Jun 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 16730

Ion Ratio Lower Upper

173 100

175 49.3 24.3 73.0

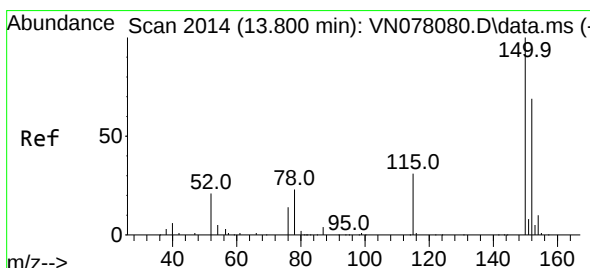
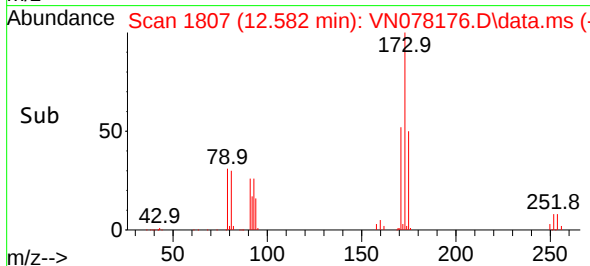
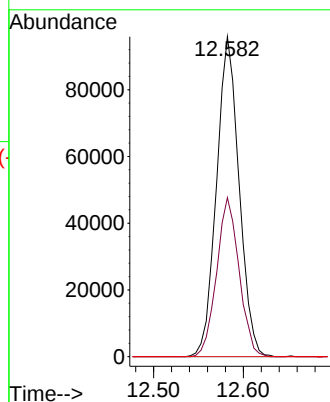
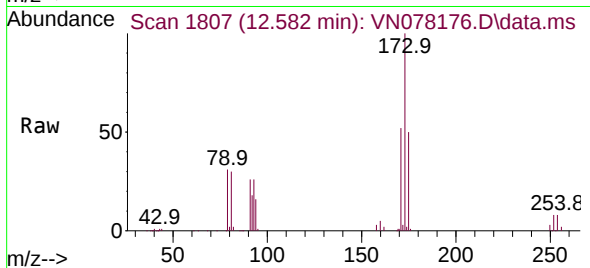
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. 0.000 min

Lab File: VN078176.D

Acq: 13 Jun 2023 09:52

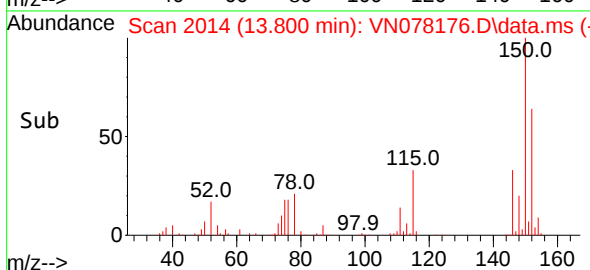
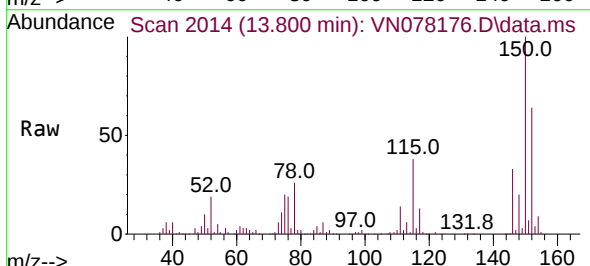
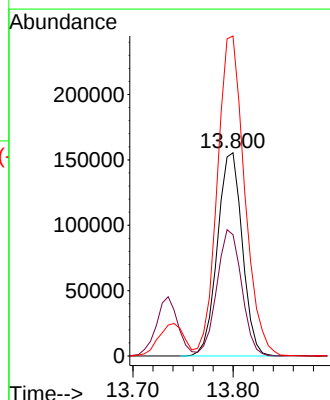
Tgt Ion:152 Resp: 267369

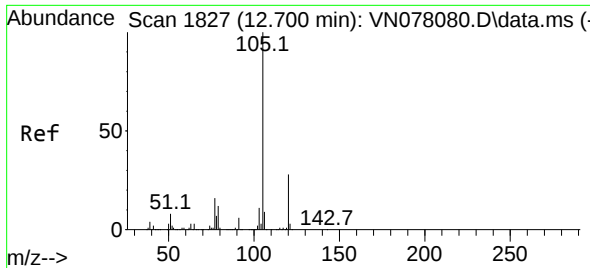
Ion Ratio Lower Upper

152 100

115 61.8 32.3 96.8

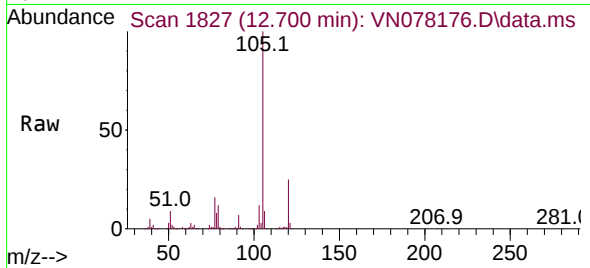
150 173.0 0.0 355.8





#73
Isopropylbenzene
Concen: 45.228 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

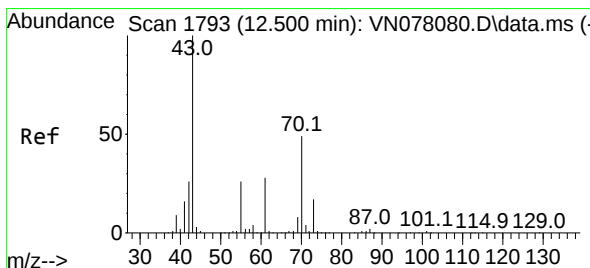
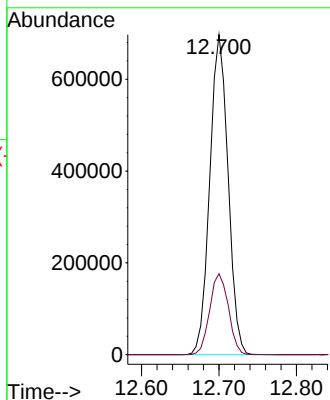
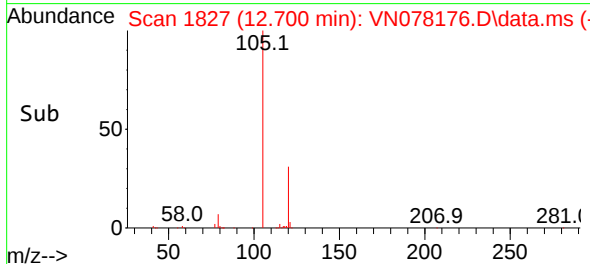
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



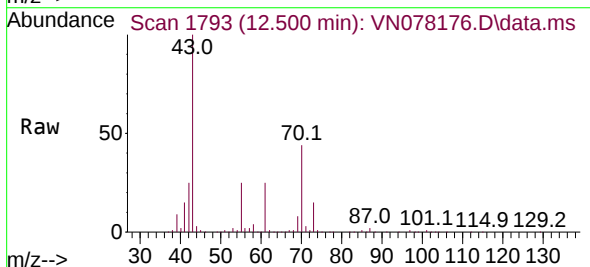
Tgt Ion:105 Resp: 114351
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.1

Manual Integrations
APPROVED

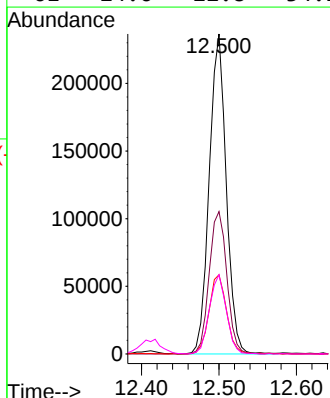
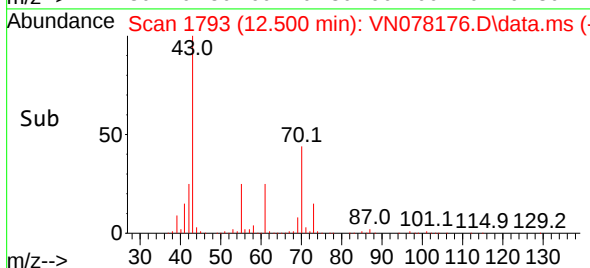
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

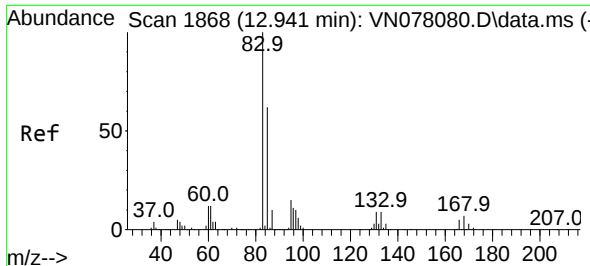


#74
N-ethyl acetate
Concen: 43.381 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52



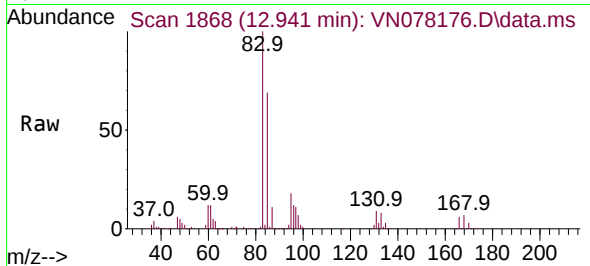
Tgt Ion: 43 Resp: 361183
Ion Ratio Lower Upper
43 100
70 46.3 43.4 65.2
55 25.4 21.4 32.0
61 24.6 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 48.939 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

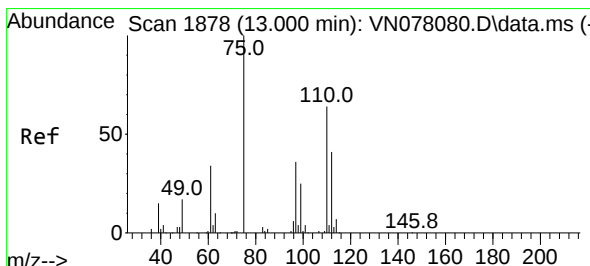
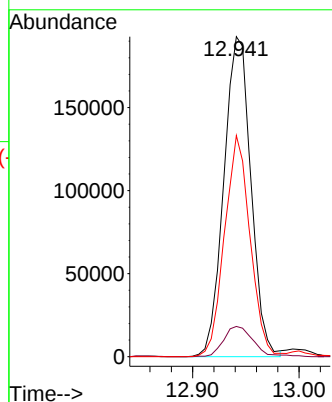
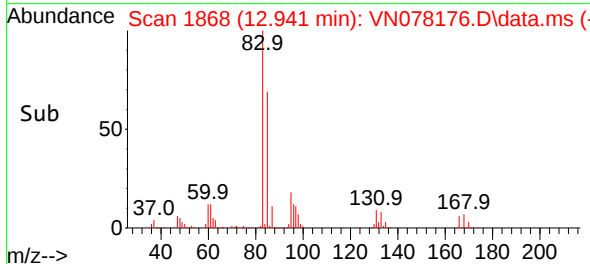
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



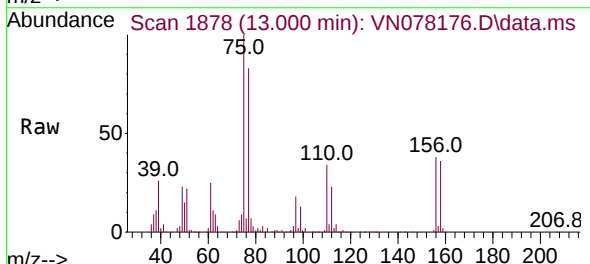
Tgt Ion: 83 Resp: 34068
Ion Ratio Lower Upper
83 100
131 10.4 5.0 15.0
85 65.3 31.9 95.7

Manual Integrations
APPROVED

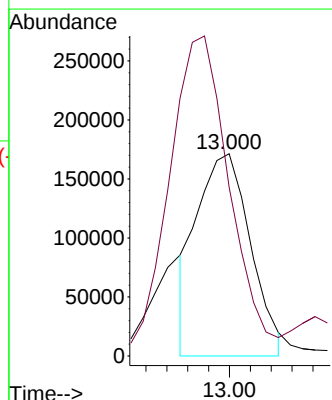
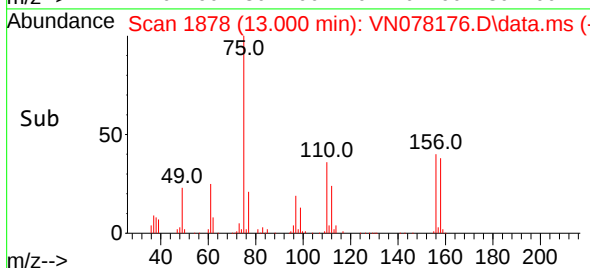
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

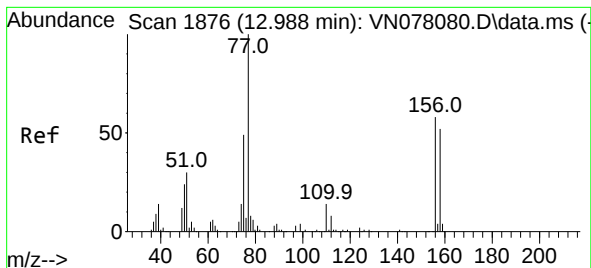


#76
1,2,3-Trichloropropane
Concen: 48.187 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52



Tgt Ion: 75 Resp: 304573
Ion Ratio Lower Upper
75 100
77 179.2 84.5 253.5





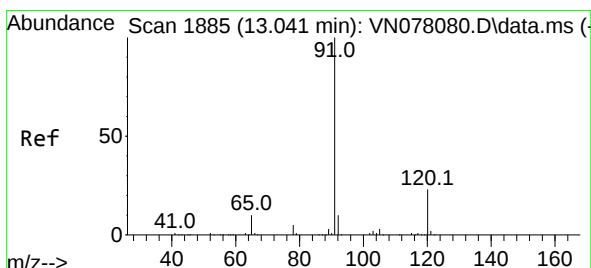
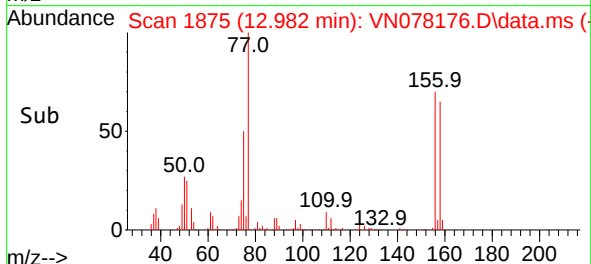
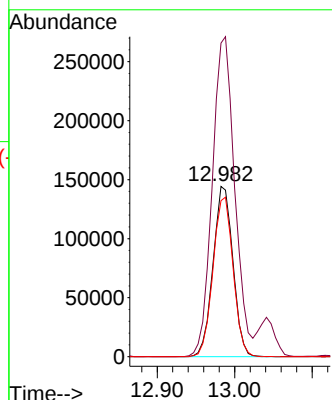
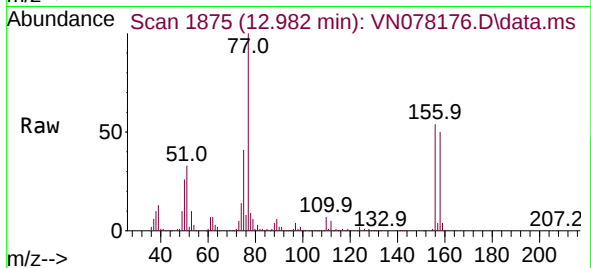
#77
Bromobenzene
Concen: 43.742 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 256730
Ion Ratio Lower Upper
156 100
77 212.6 107.7 323.3
158 94.6 48.4 145.3

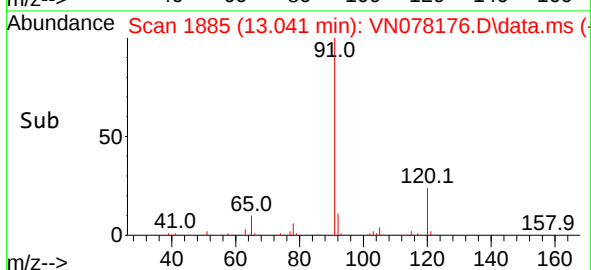
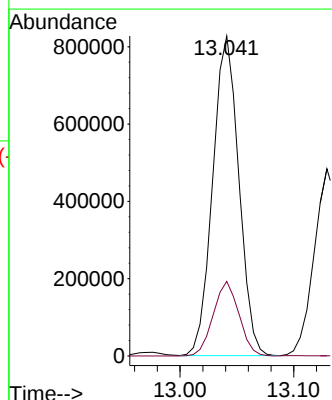
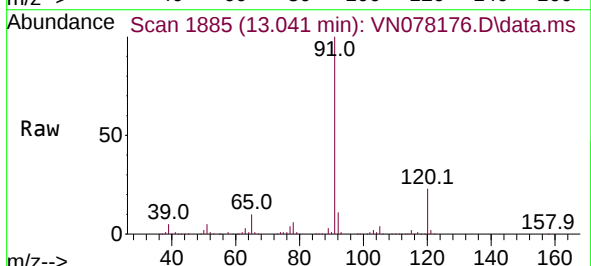
Manual Integrations
APPROVED

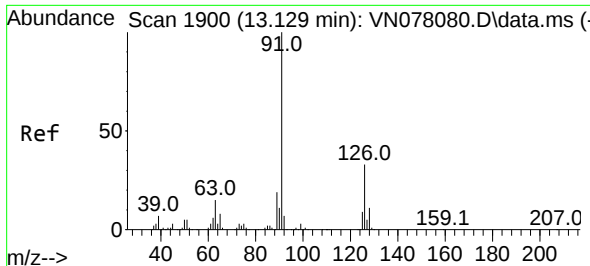
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#78
n-propylbenzene
Concen: 48.088 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

Tgt Ion: 91 Resp: 1320961
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4





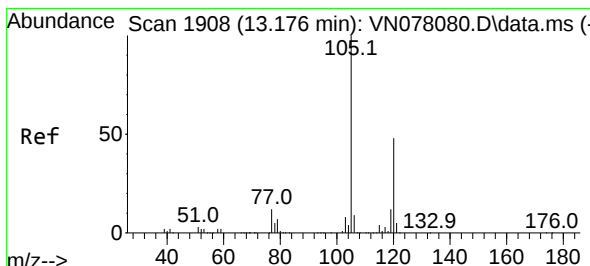
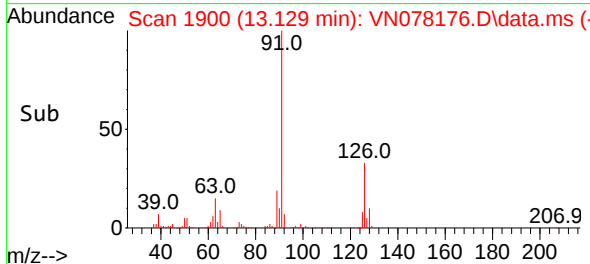
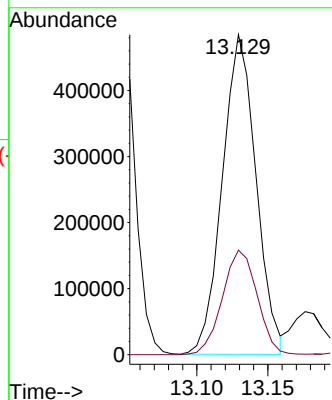
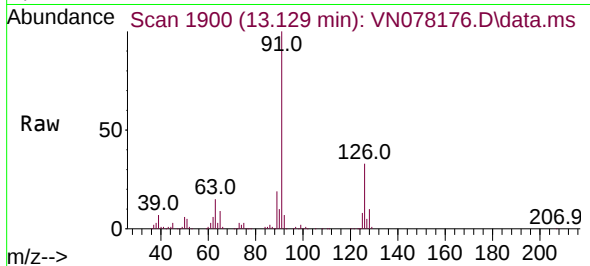
#79
2-Chlorotoluene
Concen: 45.002 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 79795
Ion Ratio Lower Upper
91 100
126 33.7 16.3 48.8

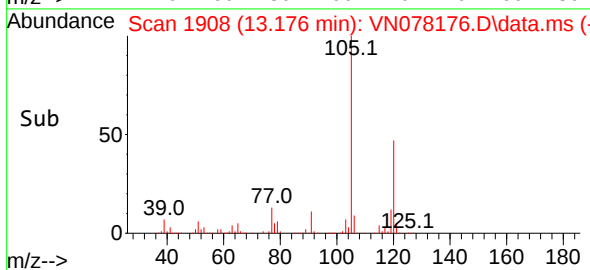
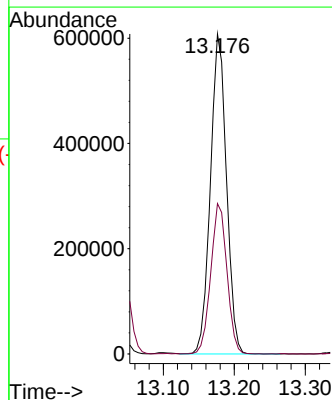
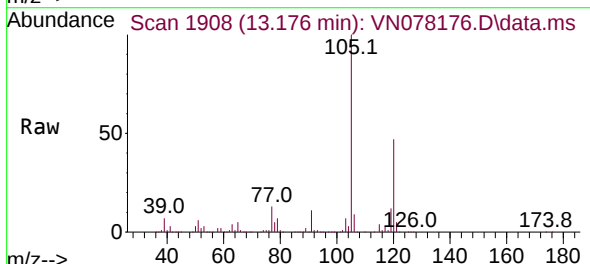
Manual Integrations
APPROVED

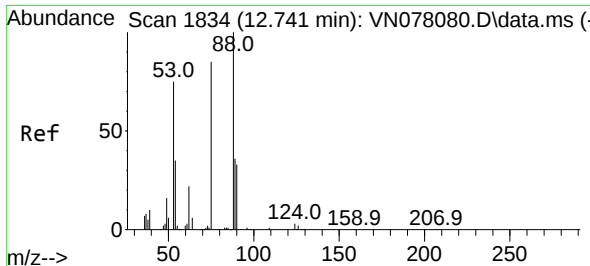
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#80
1,3,5-Trimethylbenzene
Concen: 46.611 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

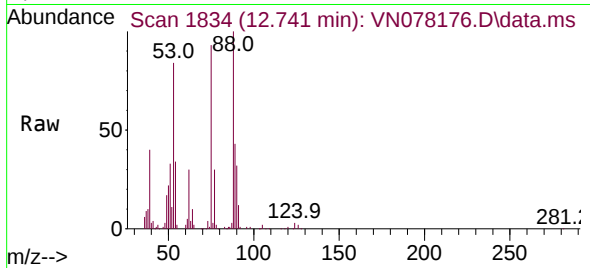
Tgt Ion:105 Resp: 954125
Ion Ratio Lower Upper
105 100
120 47.4 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 49.536 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

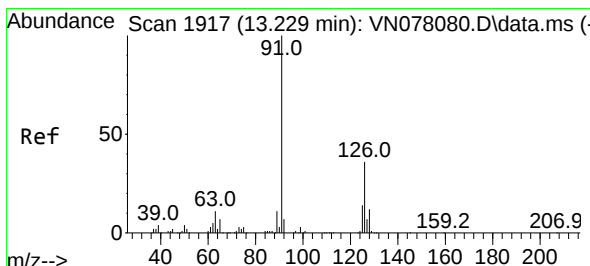
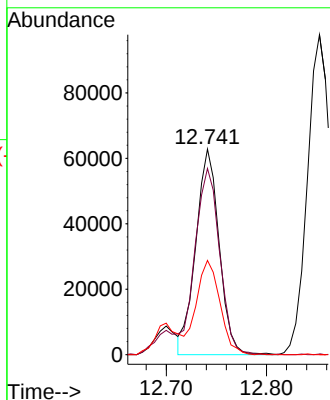
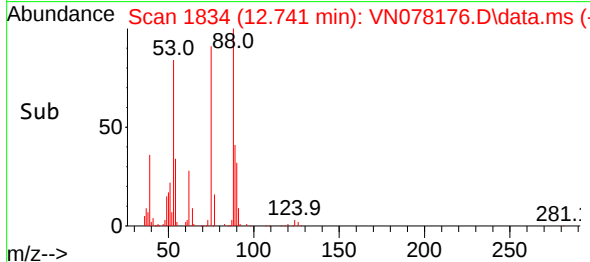
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



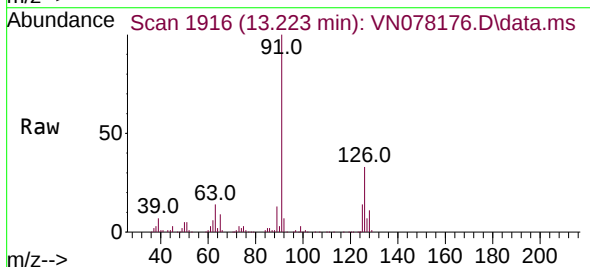
Tgt Ion: 75 Resp: 10191
Ion Ratio Lower Upper
75 100
53 97.5 67.4 101.2
89 46.0 38.8 58.2

Manual Integrations
APPROVED

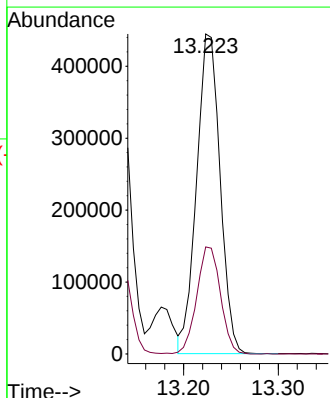
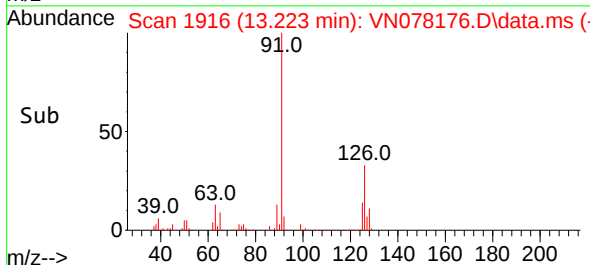
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

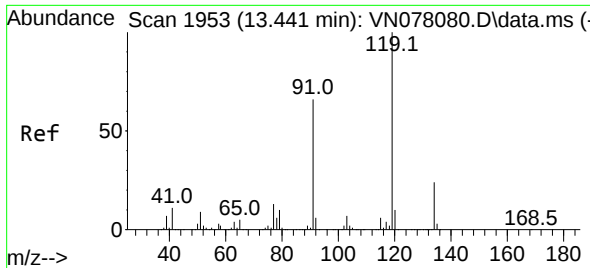


#82
4-Chlorotoluene
Concen: 46.218 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52



Tgt Ion: 91 Resp: 764850
Ion Ratio Lower Upper
91 100
126 33.9 16.7 50.0





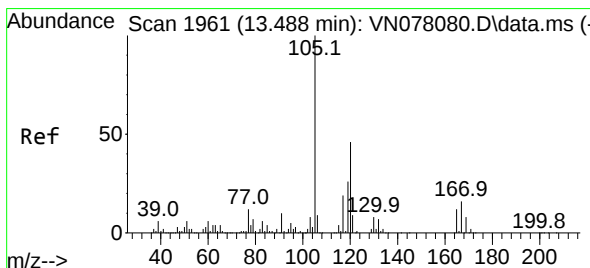
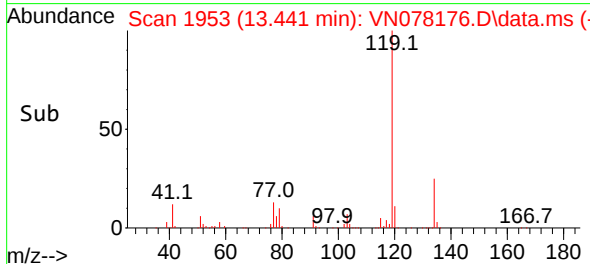
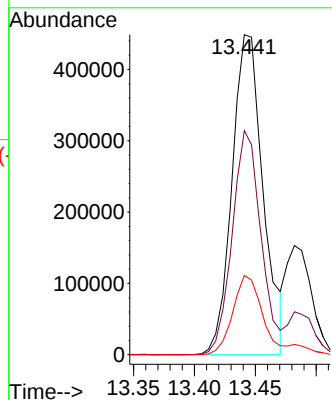
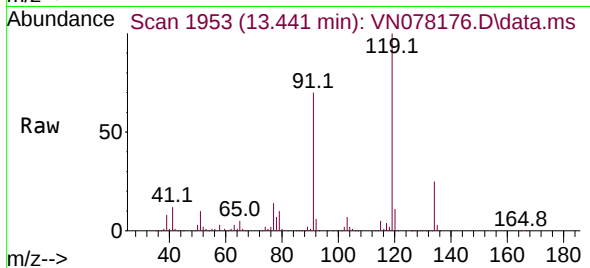
#83
tert-Butylbenzene
Concen: 44.793 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 79702
Ion Ratio Lower Upper
119 100
91 65.1 33.9 101.7
134 25.5 13.2 39.6

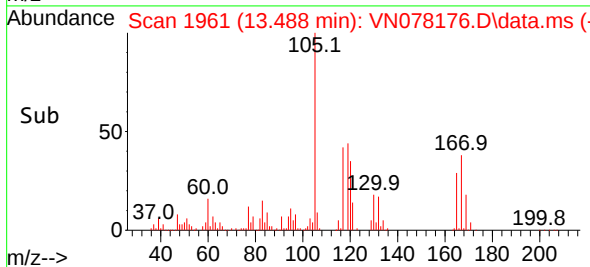
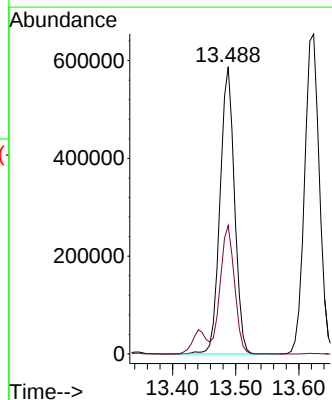
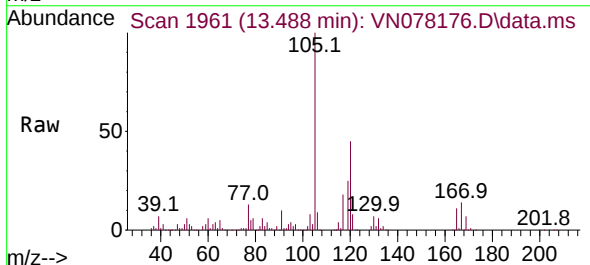
Manual Integrations
APPROVED

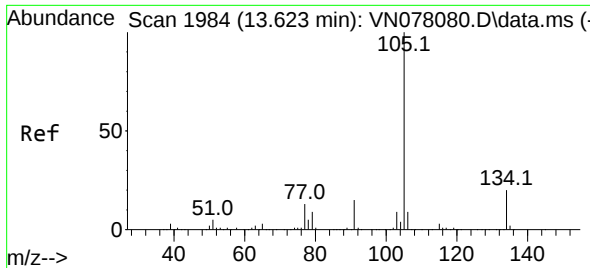
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#84
1,2,4-Trimethylbenzene
Concen: 46.948 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

Tgt Ion:105 Resp: 931723
Ion Ratio Lower Upper
105 100
120 44.1 22.0 66.0





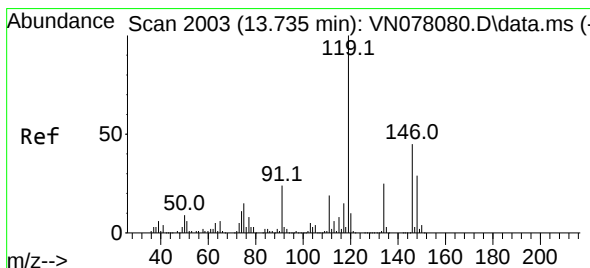
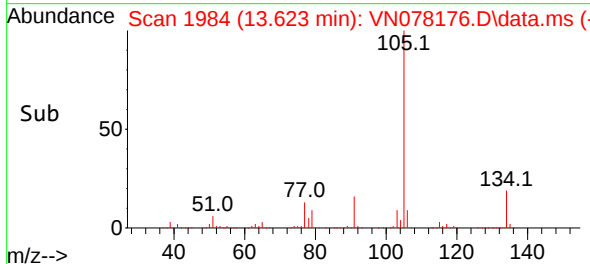
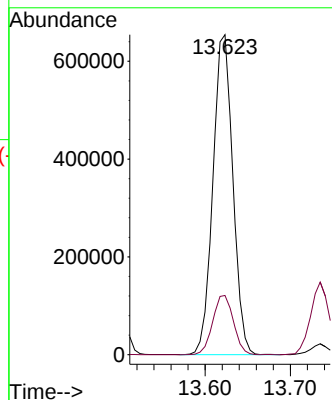
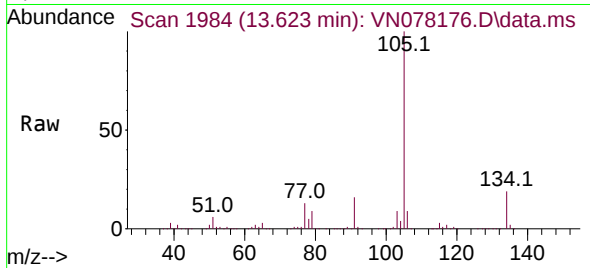
#85
 sec-Butylbenzene
 Concen: 45.599 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078176.D
 Acq: 13 Jun 2023 09:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 106196
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.3

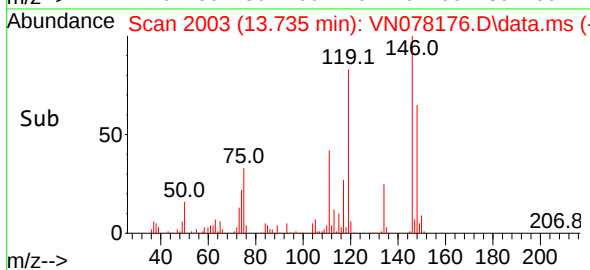
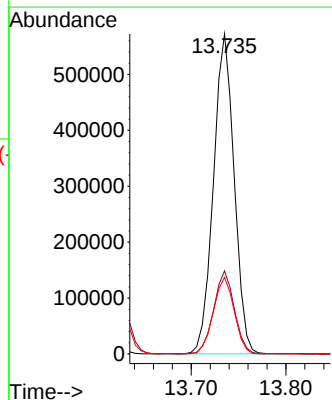
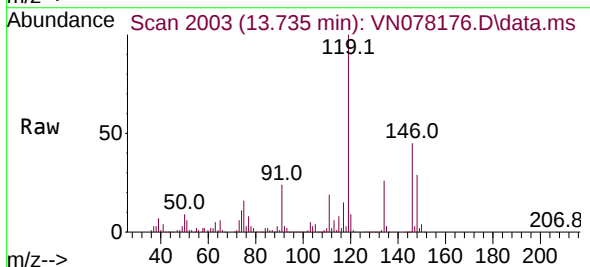
Manual Integrations
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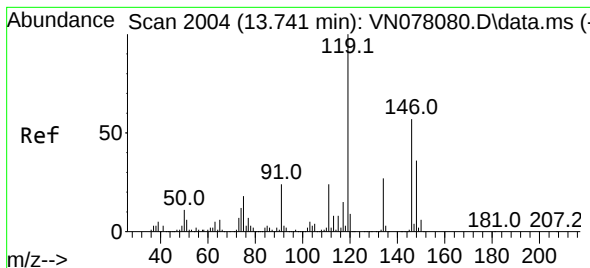
Reviewed By :John Carlone 06/14/2023
 Supervised By :Mahesh Dadoda 06/14/2023



#86
 p-Isopropyltoluene
 Concen: 46.067 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078176.D
 Acq: 13 Jun 2023 09:52

Tgt Ion:119 Resp: 870644
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 24.0 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 45.292 ug/l

RT: 13.735 min Scan# 2004

Delta R.T. -0.006 min

Lab File: VN078176.D

Acq: 13 Jun 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 449650

Ion Ratio Lower Upper

146 100

111 42.0 22.1 66.3

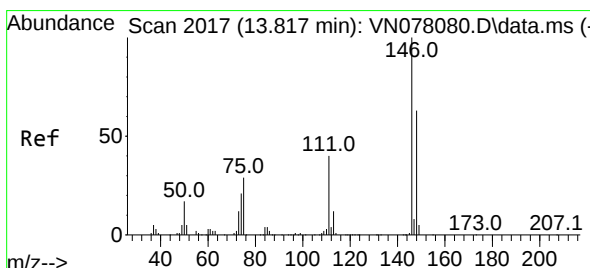
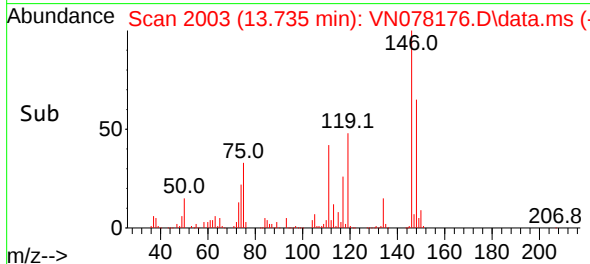
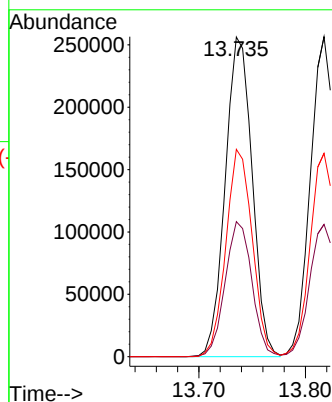
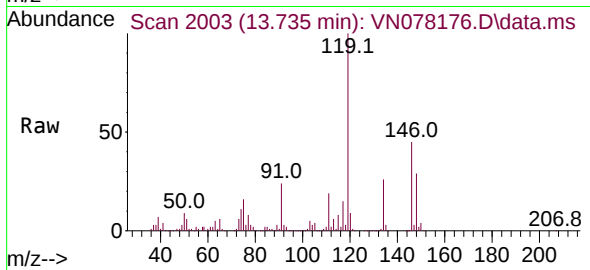
148 63.7 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#88

1,4-Dichlorobenzene

Concen: 45.092 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VN078176.D

Acq: 13 Jun 2023 09:52

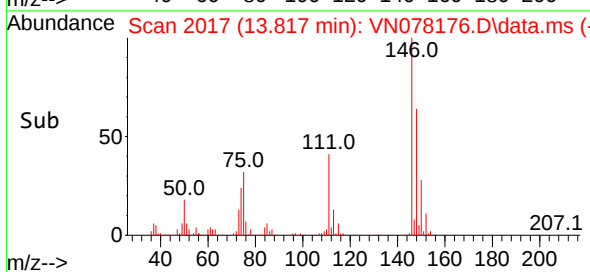
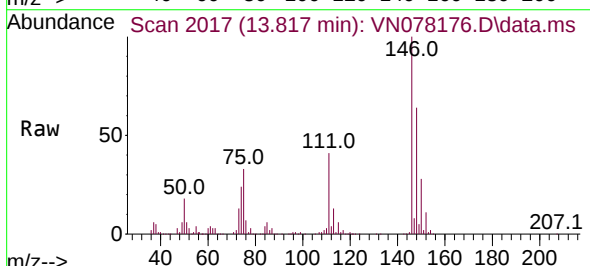
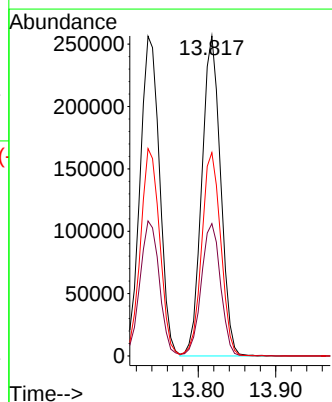
Tgt Ion:146 Resp: 431965

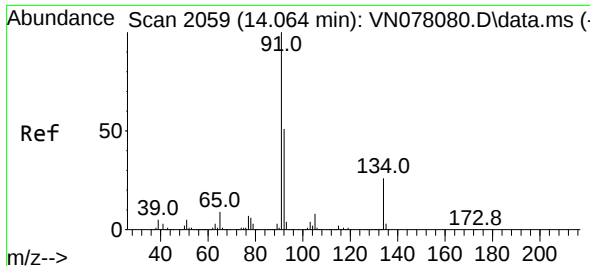
Ion Ratio Lower Upper

146 100

111 42.2 20.6 61.8

148 64.5 31.6 94.8





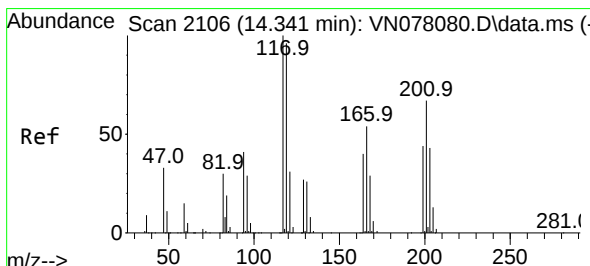
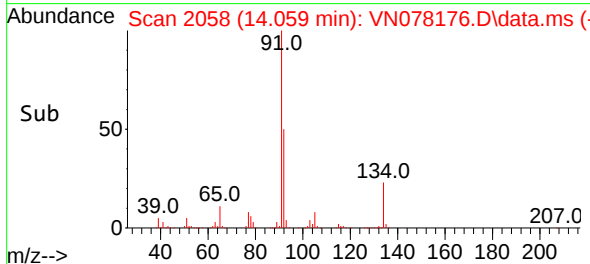
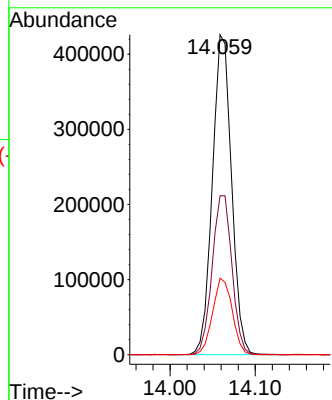
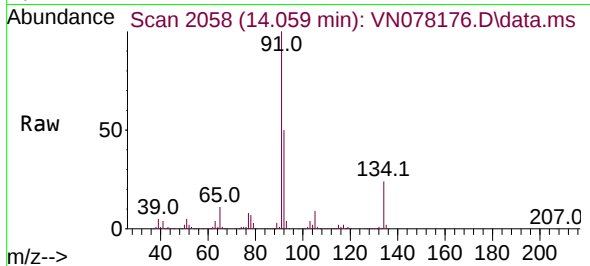
#89
n-Butylbenzene
Concen: 44.628 ug/l
RT: 14.059 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 665262
Ion Ratio Lower Upper
91 100
92 51.6 26.4 79.0
134 24.5 12.6 37.6

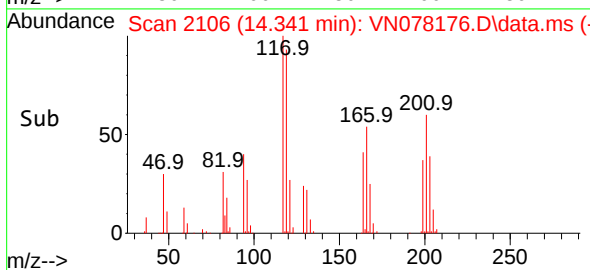
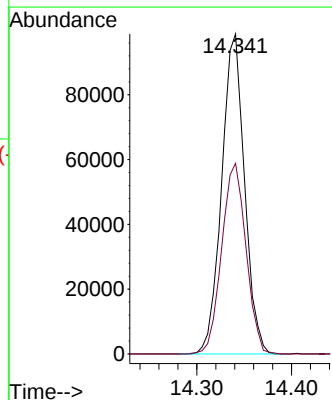
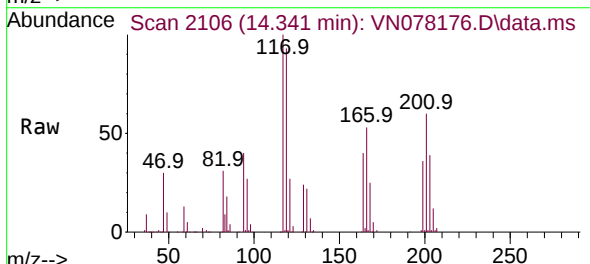
Manual Integrations
APPROVED

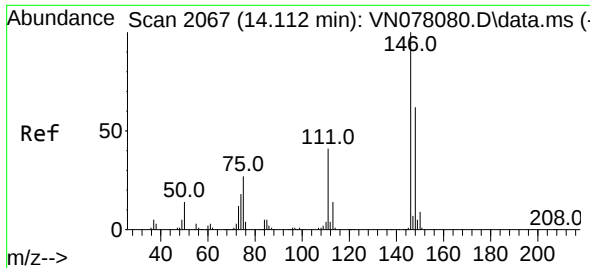
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#90
Hexachloroethane
Concen: 49.391 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

Tgt Ion:117 Resp: 165655
Ion Ratio Lower Upper
117 100
201 63.3 29.3 88.0





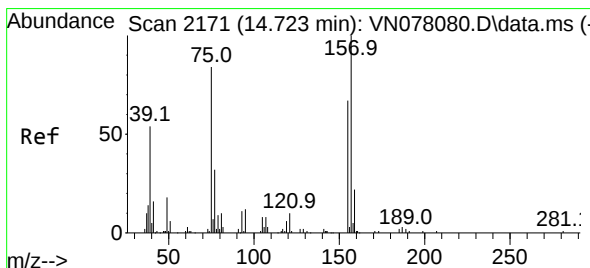
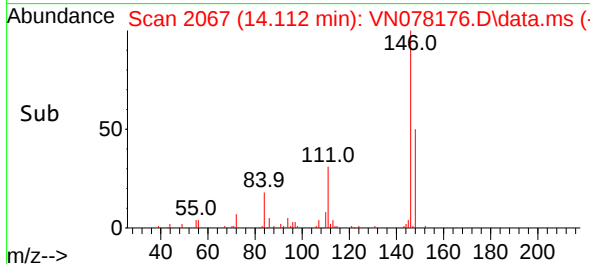
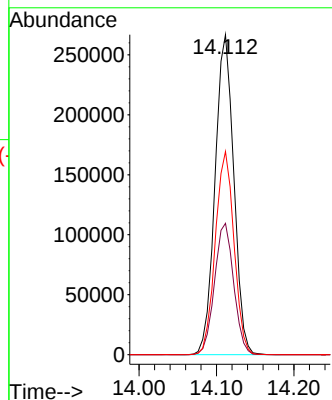
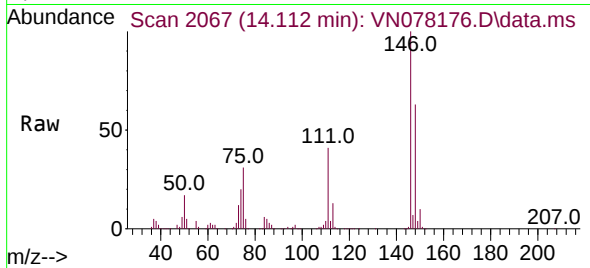
#91
1,2-Dichlorobenzene
Concen: 46.161 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 44788
Ion Ratio Lower Upper
146 100
111 42.0 22.0 66.0
148 63.3 31.8 95.3

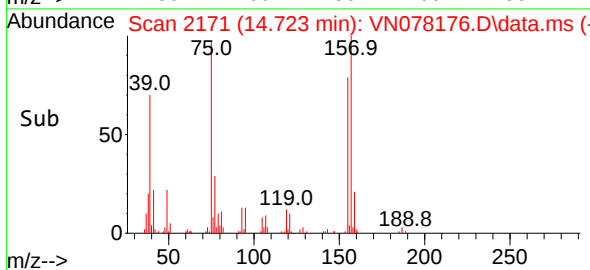
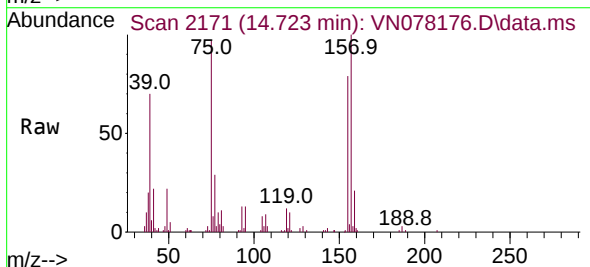
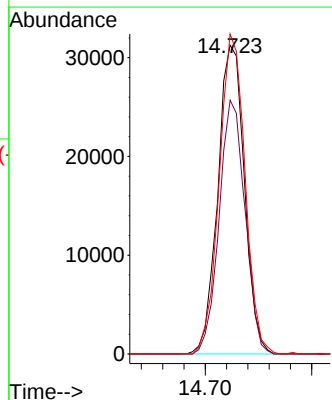
Manual Integrations
APPROVED

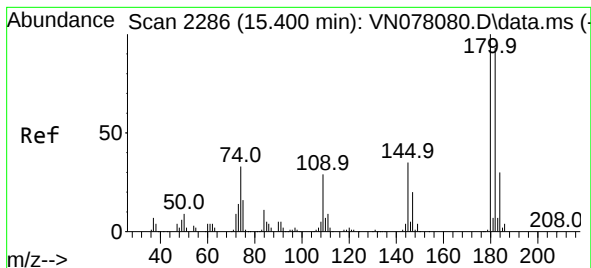
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.071 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

Tgt Ion: 75 Resp: 53939
Ion Ratio Lower Upper
75 100
155 80.4 39.1 117.2
157 101.1 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 45.784 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. -0.006 min

Lab File: VN078176.D

Acq: 13 Jun 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 158270

Ion Ratio Lower Upper

180 100

182 93.6 46.1 138.2

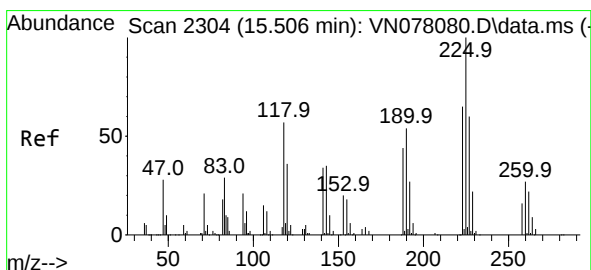
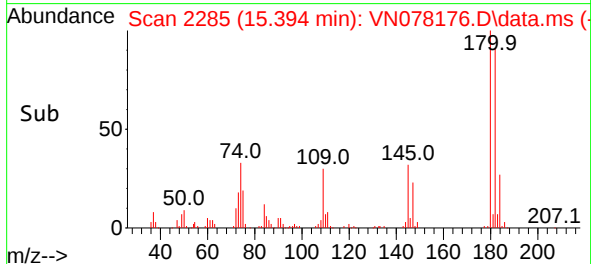
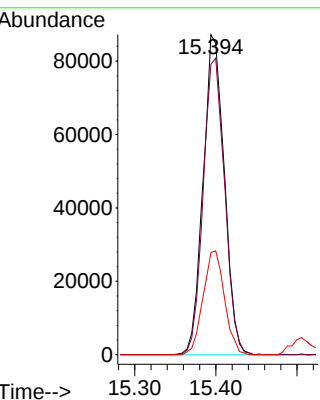
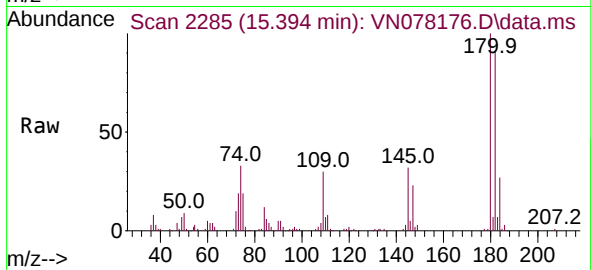
145 32.8 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#94

Hexachlorobutadiene

Concen: 44.112 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN078176.D

Acq: 13 Jun 2023 09:52

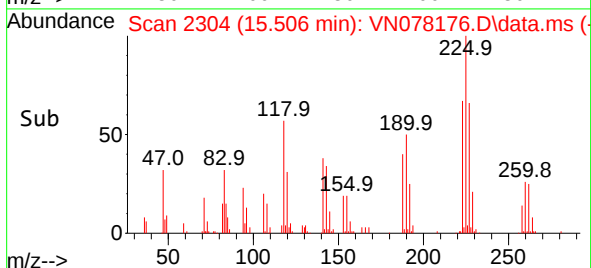
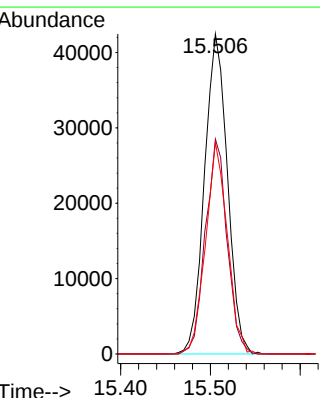
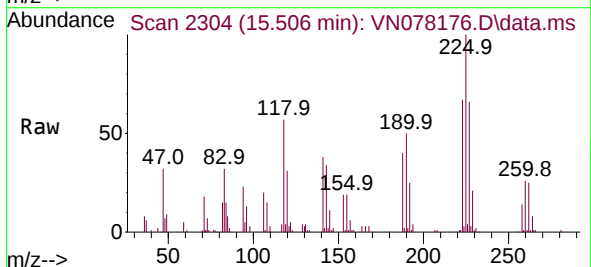
Tgt Ion:225 Resp: 75284

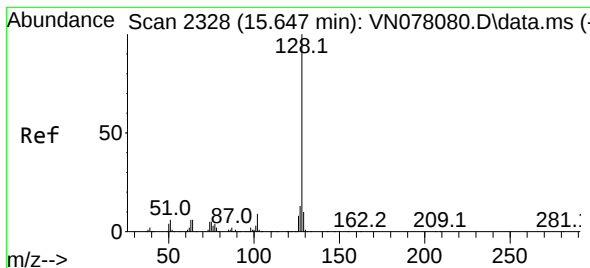
Ion Ratio Lower Upper

225 100

223 63.5 31.3 93.8

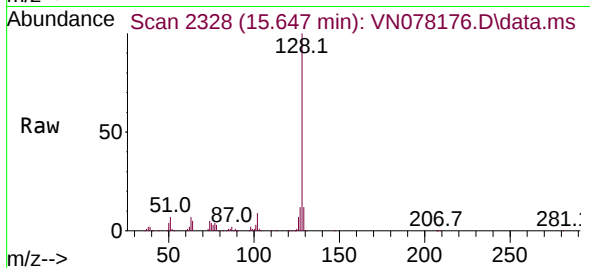
227 62.9 31.9 95.9





#95
Naphthalene
Concen: 40.489 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

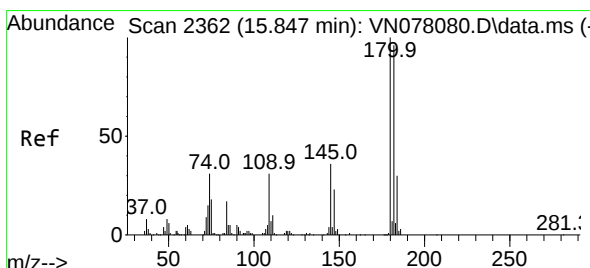
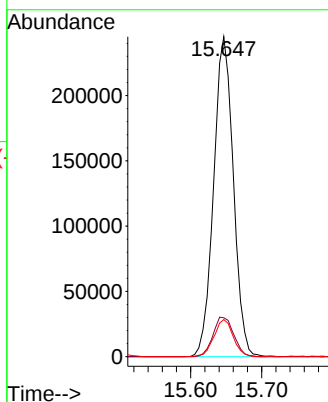
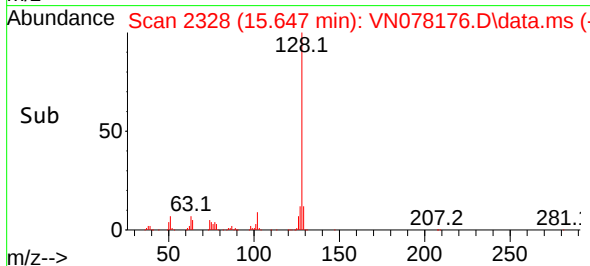
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



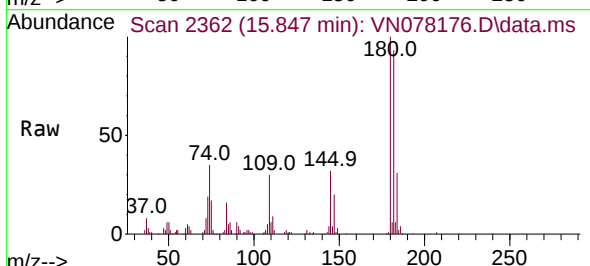
Tgt Ion:128 Resp: 470834
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 11.4 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#96
1,2,3-Trichlorobenzene
Concen: 42.633 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52



Tgt Ion:180 Resp: 164836
Ion Ratio Lower Upper
180 100
182 96.5 46.2 138.6
145 33.9 17.5 52.6

