

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 :

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	410075	64.878	ug/l	74
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

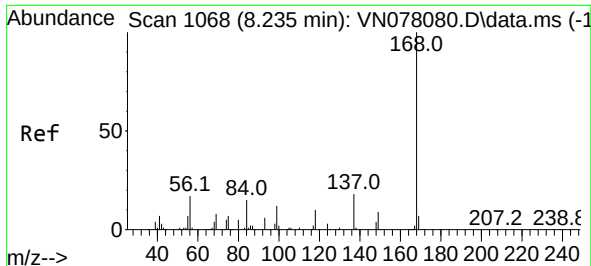
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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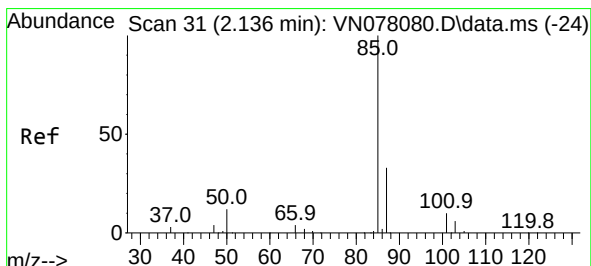
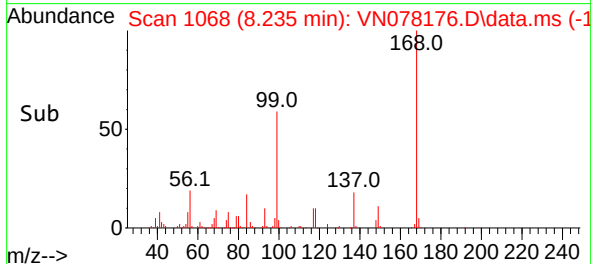
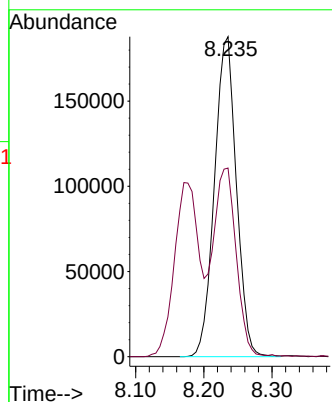
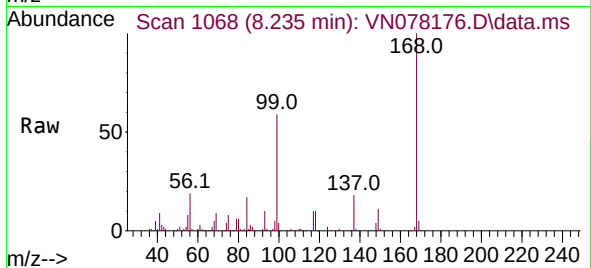
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN078176.D
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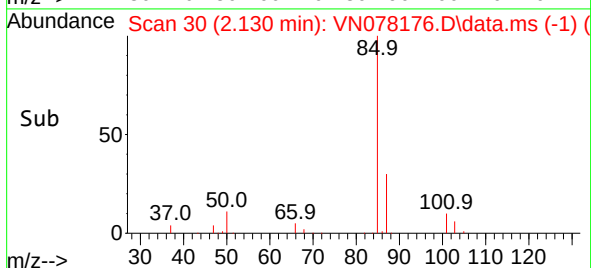
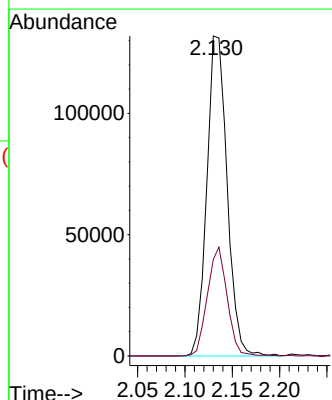
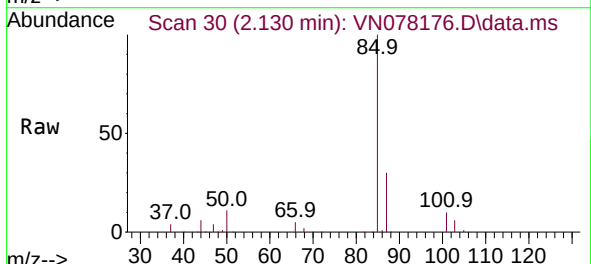
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MSVOA_N
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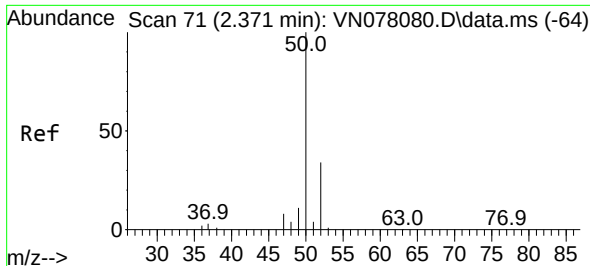
Tgt Ion:168 Resp: 419591
Ion Ratio Lower Upper
168 100
99 58.7 53.0 79.6



#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



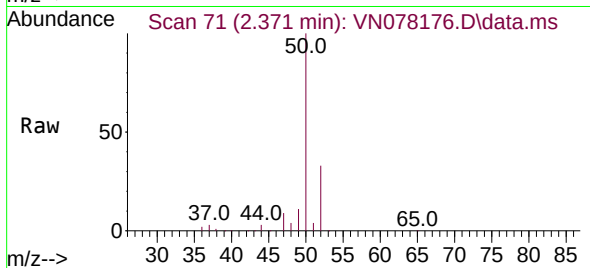


#3
 Chloromethane
 Concen: 49.100 ug/l
 RT: 2.371 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN078176.D
 Acq: 13 Jun 2023 09:52

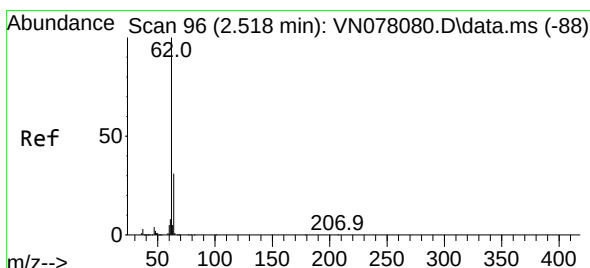
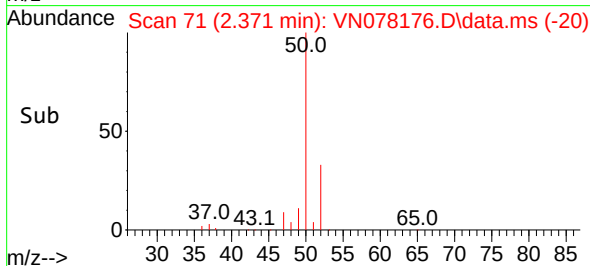
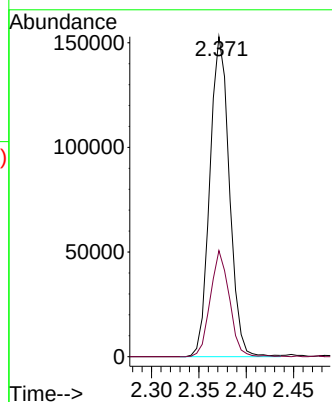
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MSVOA_N

ClientSampleId :

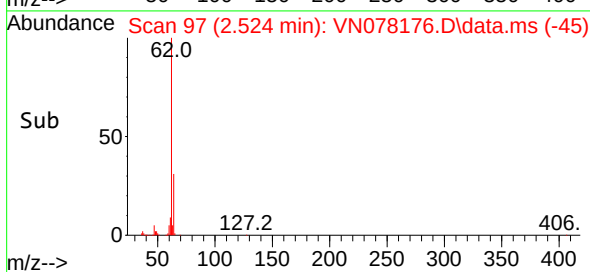
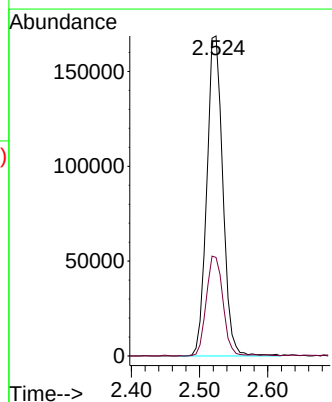
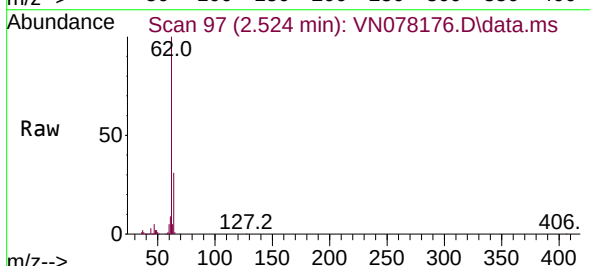


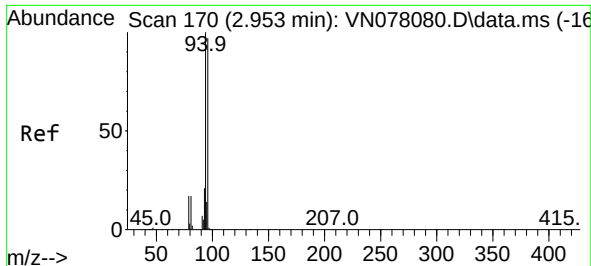
Tgt Ion: 50 Resp: 219237
 Ion Ratio Lower Upper
 50 100
 52 33.1 26.5 39.7



#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

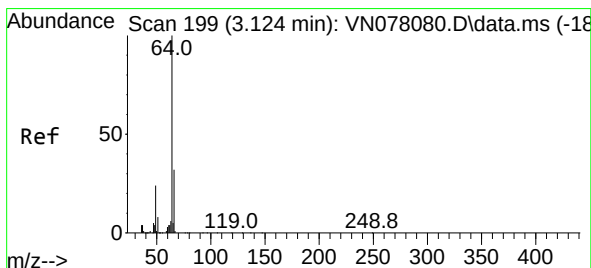
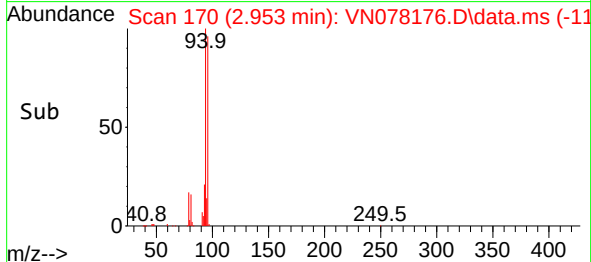
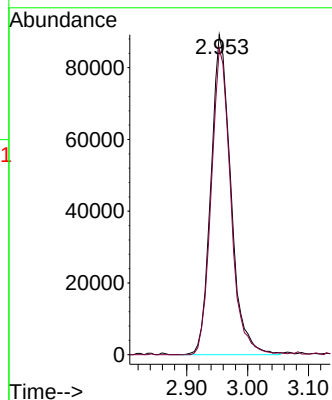
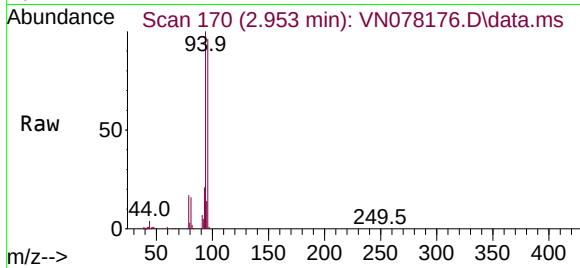




#5
Bromomethane
Concen: 43.230 ug/l
RT: 2.953 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

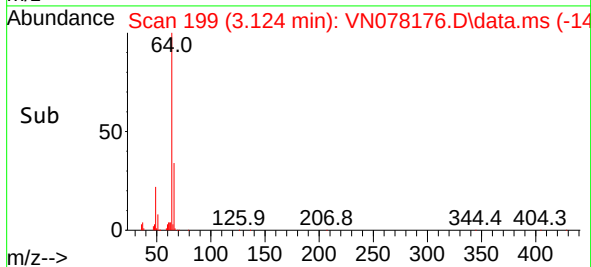
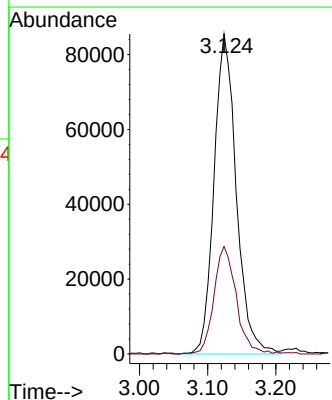
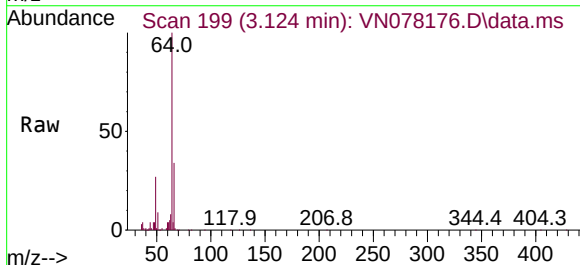
Instrument :
MSVOA_N
ClientSampleId :

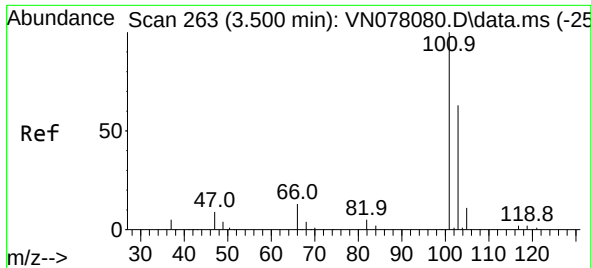
Tgt Ion: 94 Resp: 202910
Ion Ratio Lower Upper
94 100
96 95.7 73.1 109.7



#6
Chloroethane
Concen: 45.881 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

Tgt Ion: 64 Resp: 194252
Ion Ratio Lower Upper
64 100
66 33.6 25.4 38.2

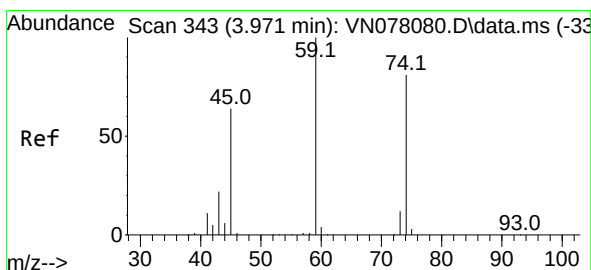
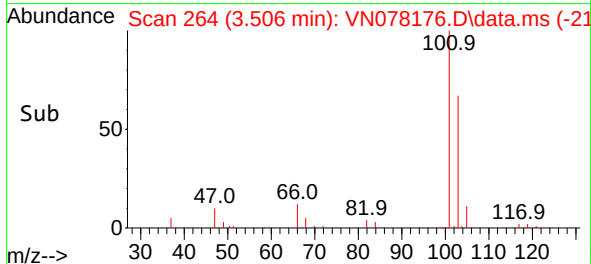
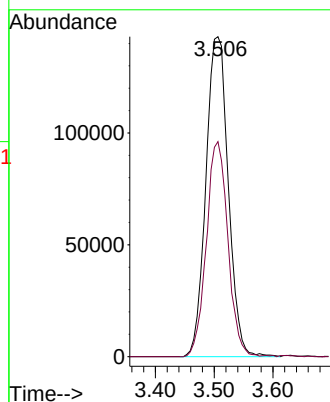
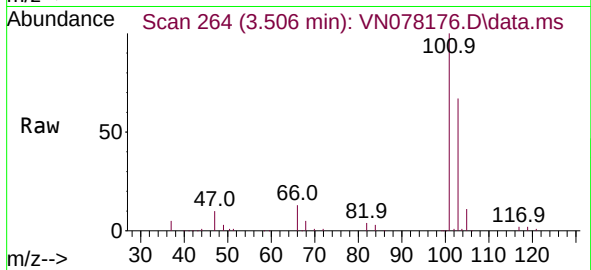




#7
 Trichlorofluoromethane
 Concen: 44.956 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN078176.D
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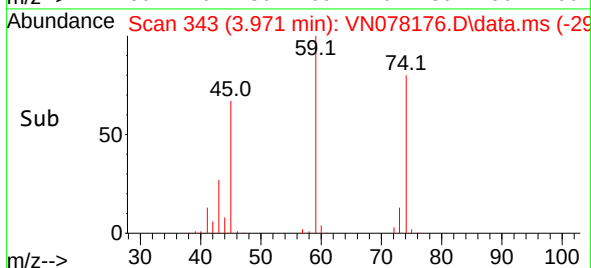
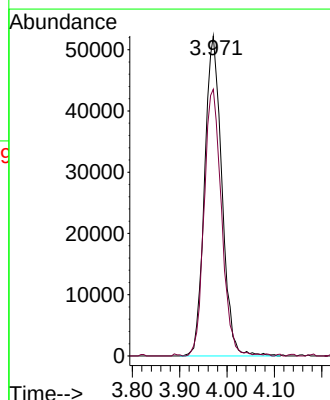
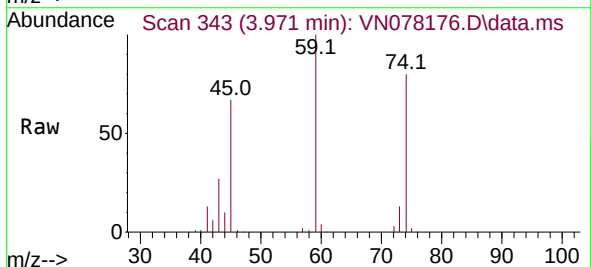
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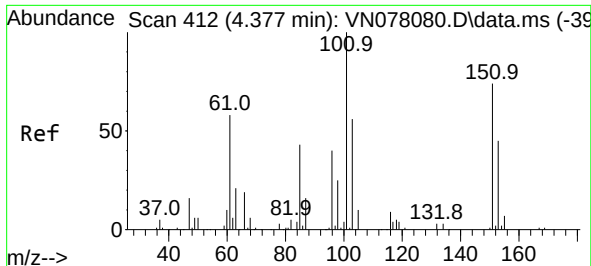
Tgt Ion:101 Resp: 378636
 Ion Ratio Lower Upper
 101 100
 103 67.2 50.7 76.1



#8
 Diethyl Ether
 Concen: 44.638 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.000 min
 Lab File: VN078176.D
 Acq: 13 Jun 2023 09:52

Tgt Ion: 74 Resp: 132097
 Ion Ratio Lower Upper
 74 100
 45 84.2 34.4 103.3

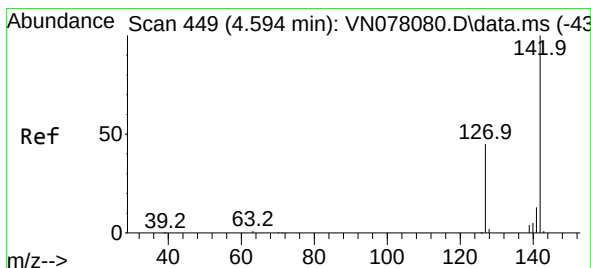
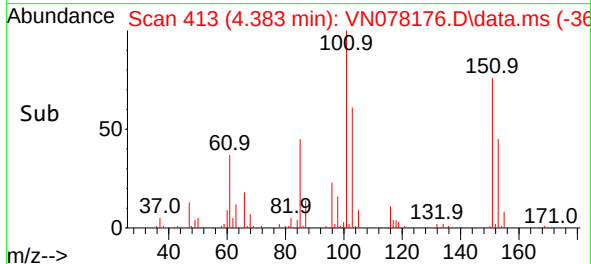
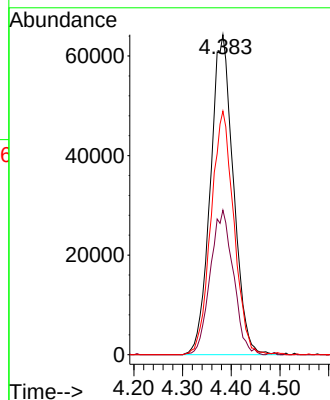
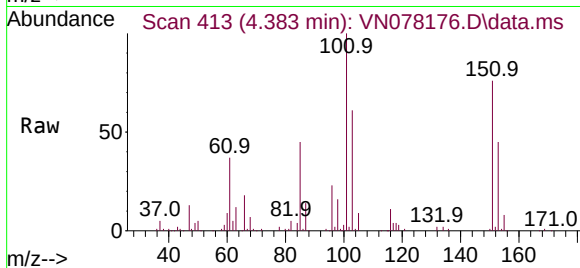




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.349 ug/l
RT: 4.383 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078176.D
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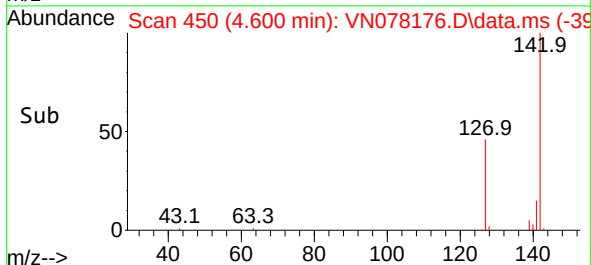
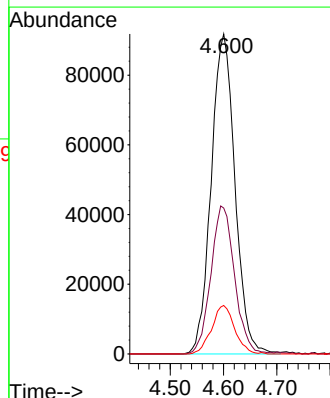
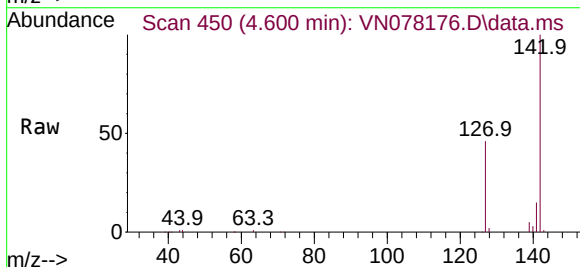
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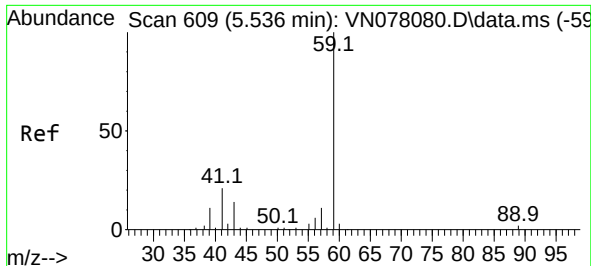
Tgt Ion:101 Resp: 210462
Ion Ratio Lower Upper
101 100
85 45.3 36.6 55.0
151 75.8 57.6 86.4



#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

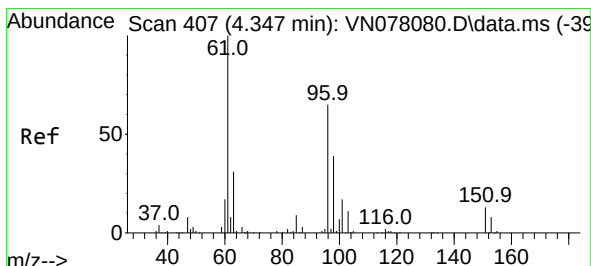
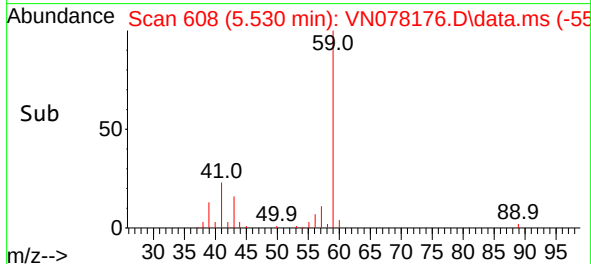
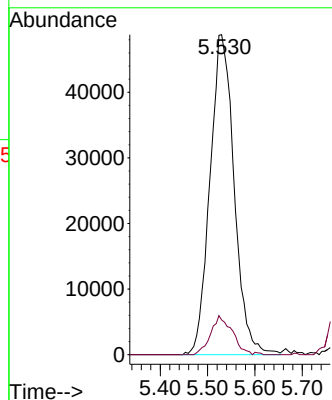
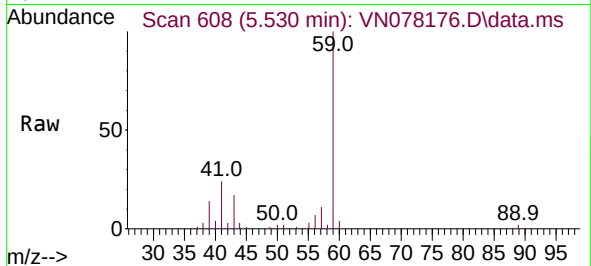




#11
Tert butyl alcohol
Concen: 224.001 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

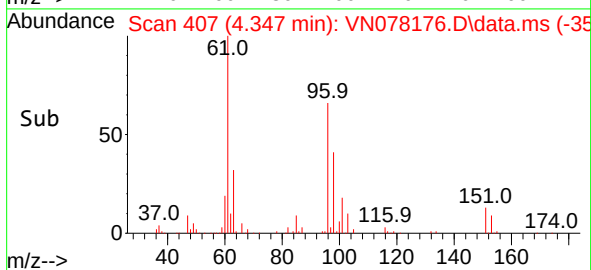
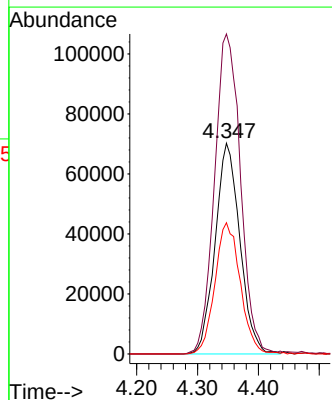
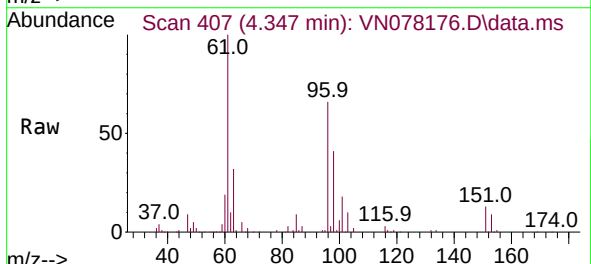
Instrument :
MSVOA_N
ClientSampleId :

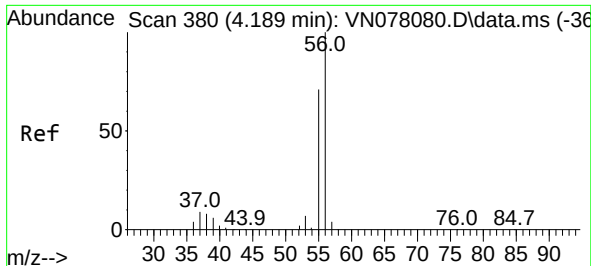
Tgt Ion: 59 Resp: 173035
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4



#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

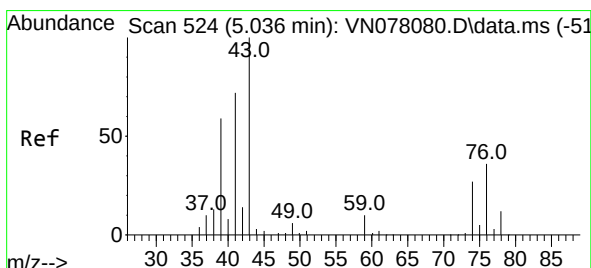
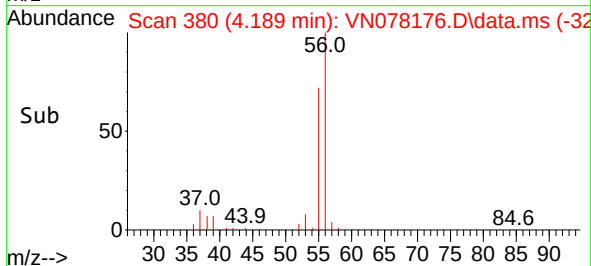
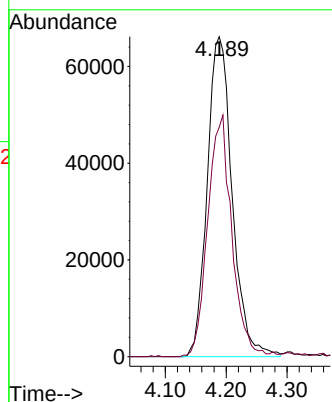
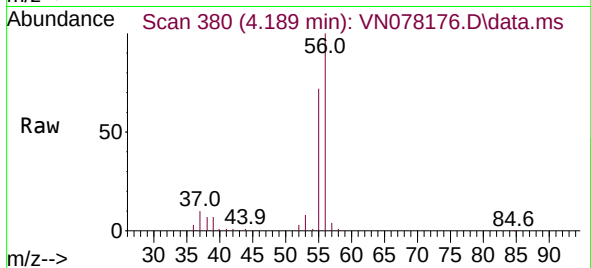




#13
Acrolein
Concen: 221.445 ug/l
RT: 4.189 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

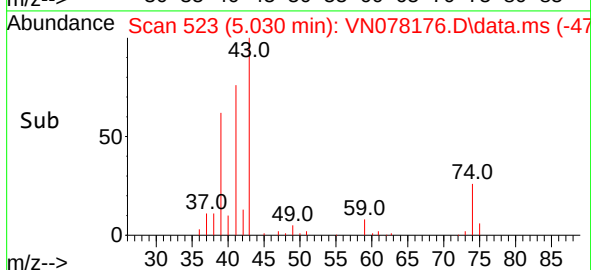
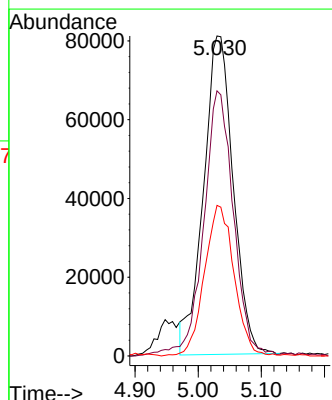
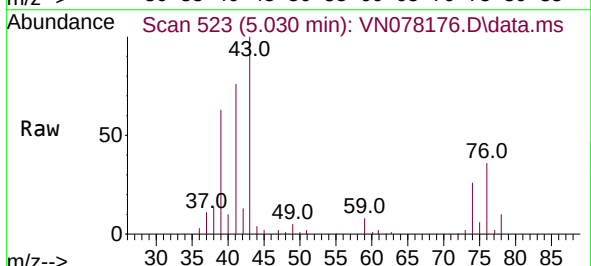
Instrument :
MSVOA_N
ClientSampleId :

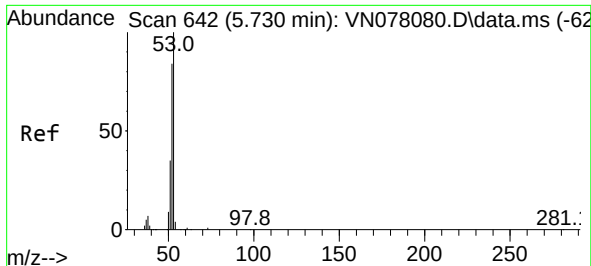
Tgt Ion: 56 Resp: 188531
Ion Ratio Lower Upper
56 100
55 72.4 54.5 81.7



#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

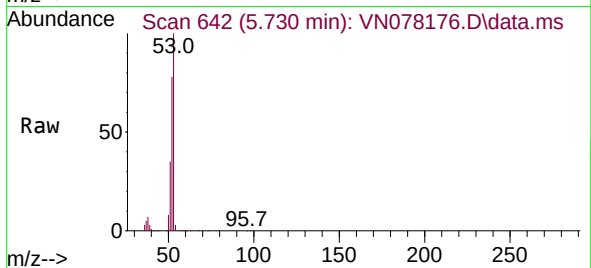
Tgt Ion: 41 Resp: 264471
Ion Ratio Lower Upper
41 100
39 83.5 58.8 88.2
76 47.1 39.1 58.7



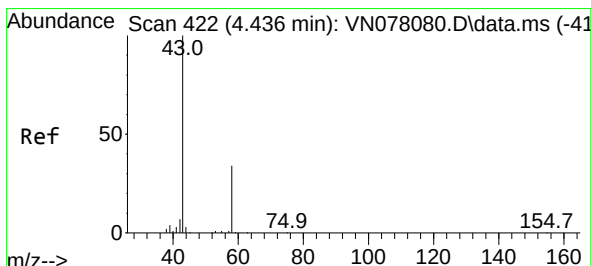
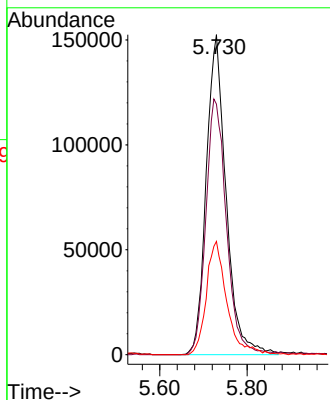
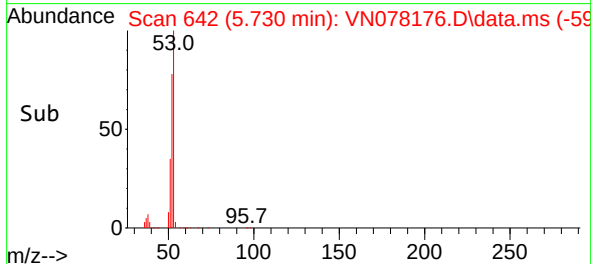


#15
Acrylonitrile
Concen: 241.785 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

Instrument :
MSVOA_N
ClientSampleId :

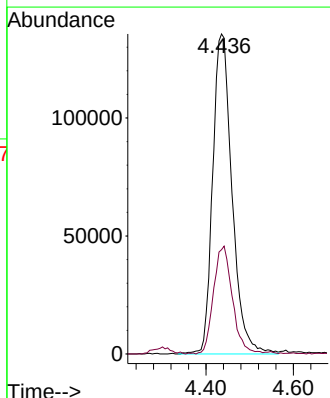
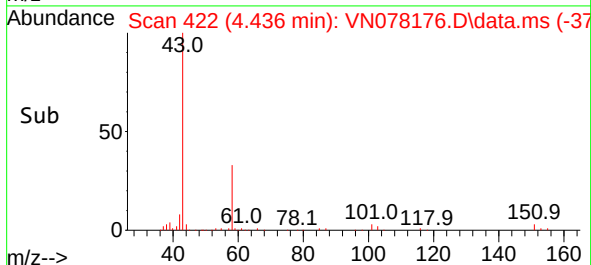
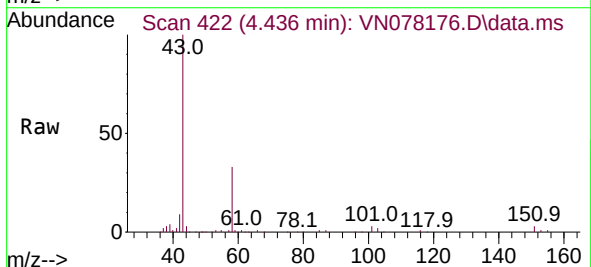


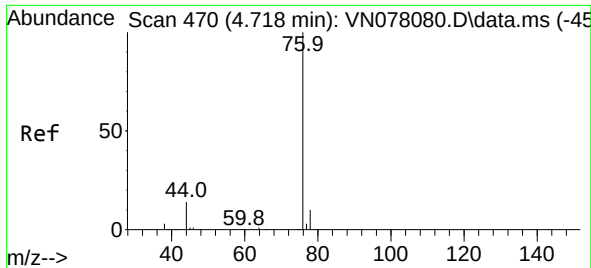
Tgt Ion: 53 Resp: 481530
Ion Ratio Lower Upper
53 100
52 82.7 65.3 97.9
51 36.8 28.9 43.3



#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

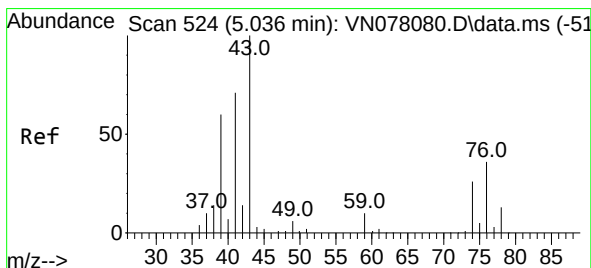
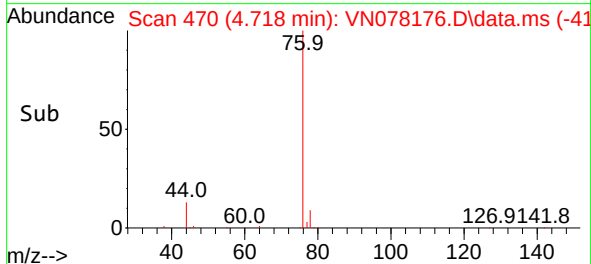
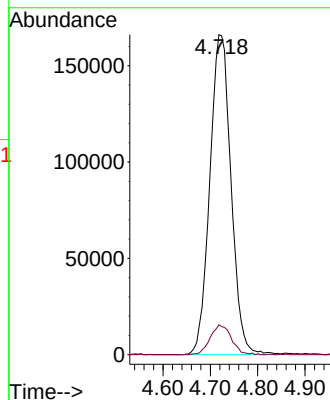
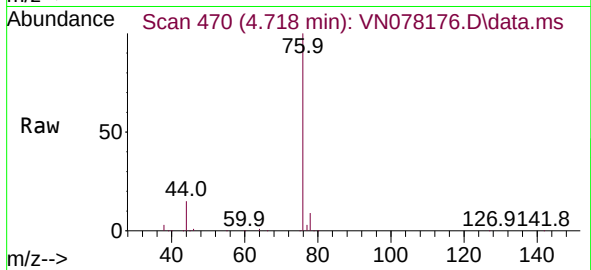




#17
Carbon Disulfide
Concen: 43.845 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

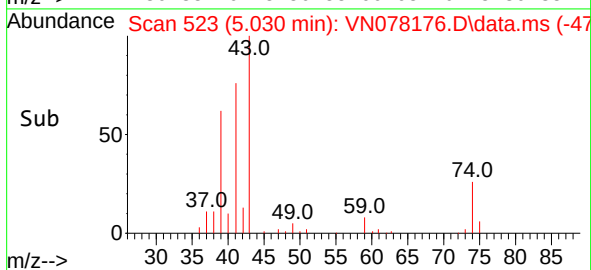
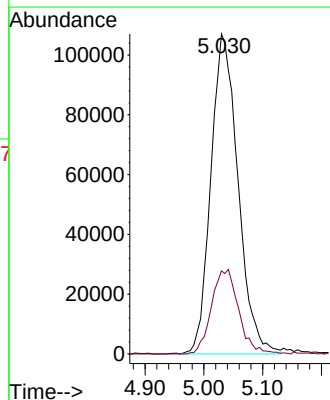
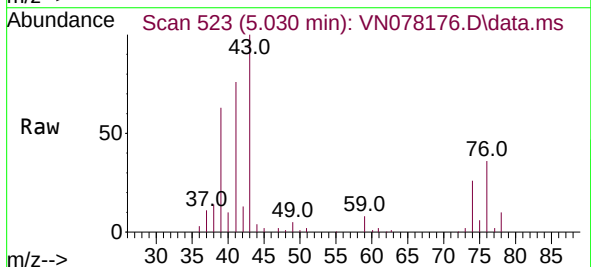
Instrument :
MSVOA_N
ClientSampleId :

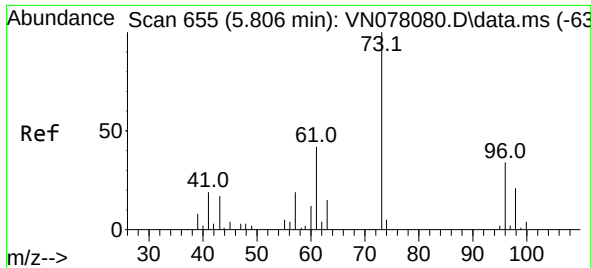
Tgt Ion: 76 Resp: 517088
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#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

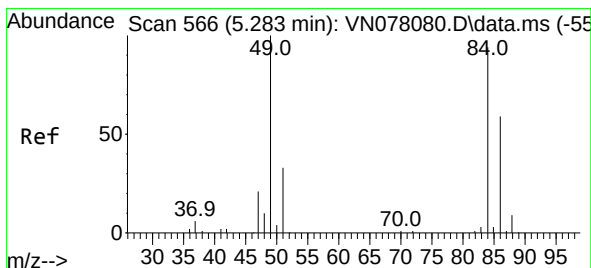
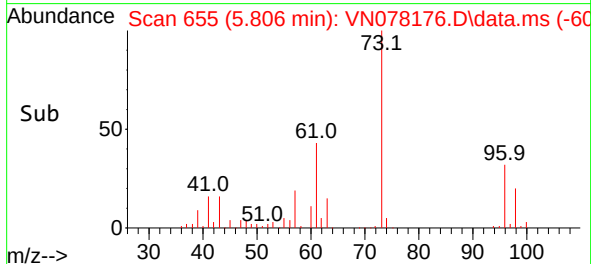
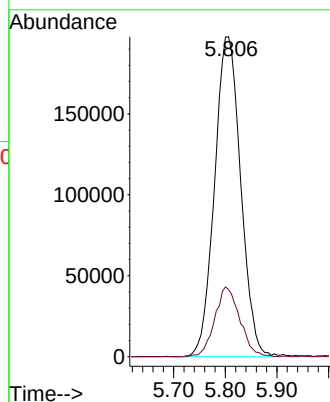
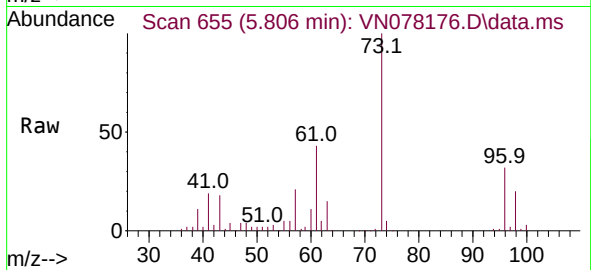




#19
Methyl tert-butyl Ether
Concen: 47.494 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

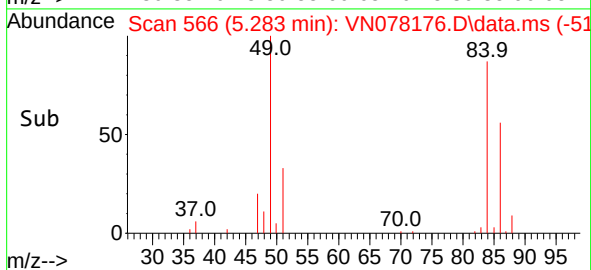
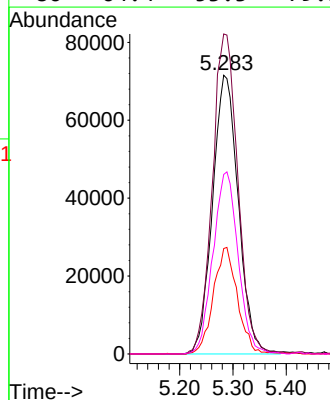
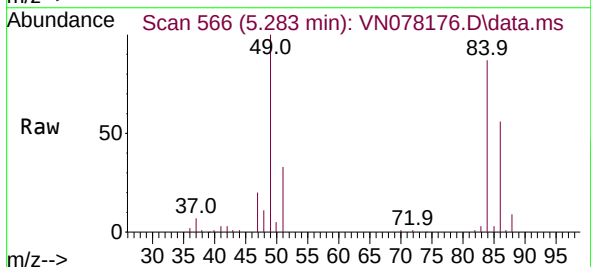
Instrument :
MSVOA_N
ClientSampleId :

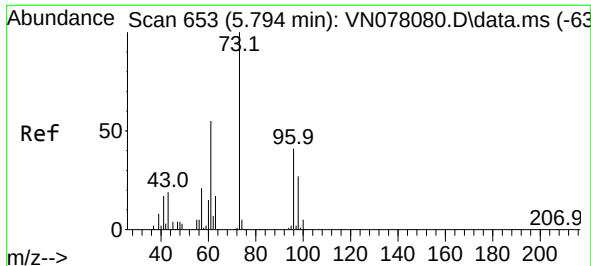
Tgt Ion: 73 Resp: 694318
Ion Ratio Lower Upper
73 100
57 21.0 15.6 23.4



#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

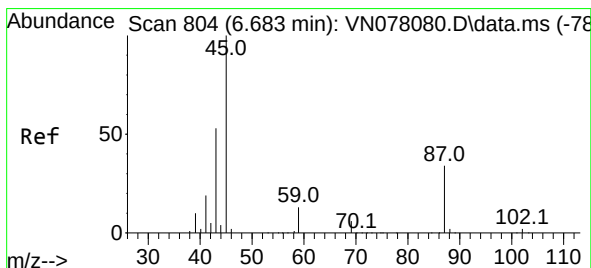
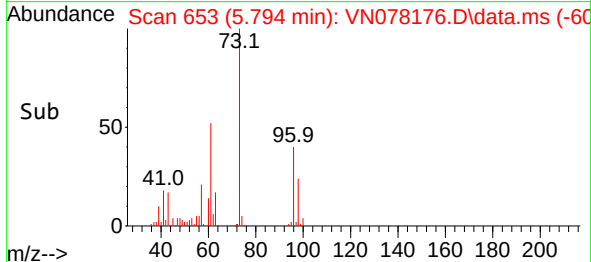
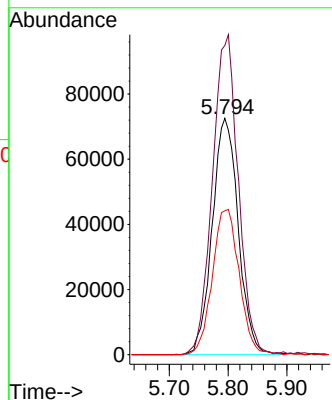
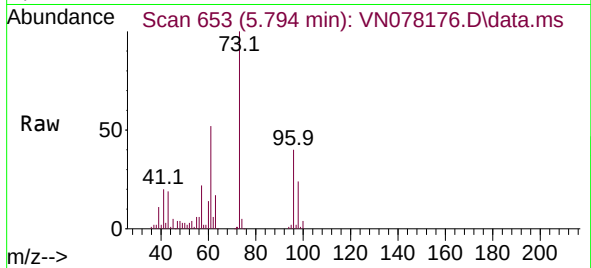




#21
trans-1,2-Dichloroethene
Concen: 45.061 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

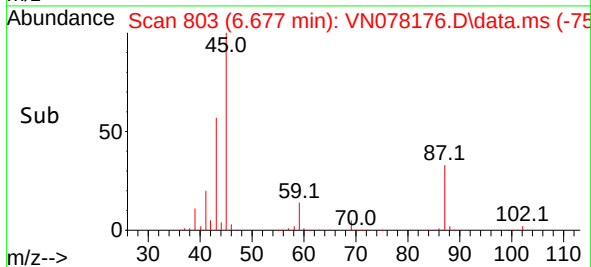
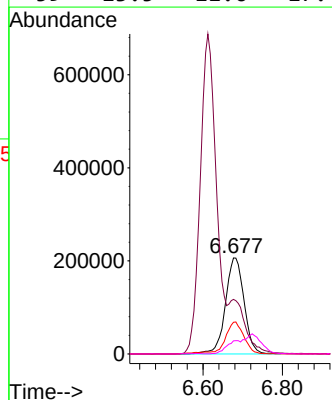
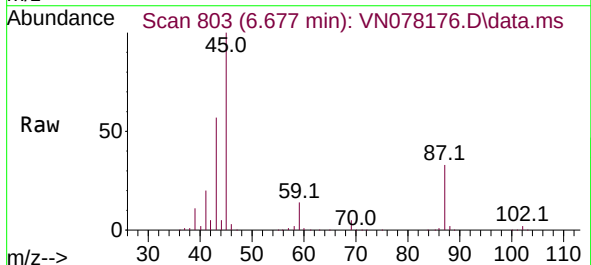
Instrument :
MSVOA_N
ClientSampleId :

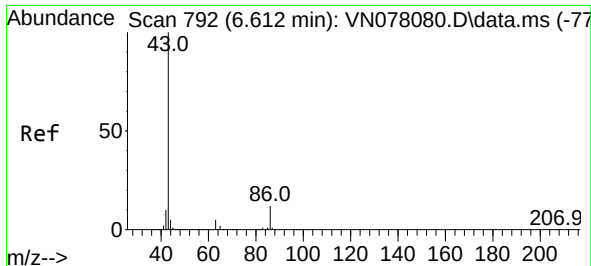
Tgt Ion: 96 Resp: 222686
Ion Ratio Lower Upper
96 100
61 130.9 90.1 135.1
98 60.9 46.4 69.6



#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

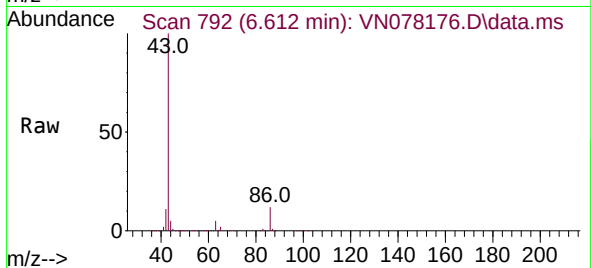
Tgt Ion: 45 Resp: 672577
Ion Ratio Lower Upper
45 100
43 56.7 45.5 68.3
87 32.9 31.8 47.8
59 13.5 11.6 17.4



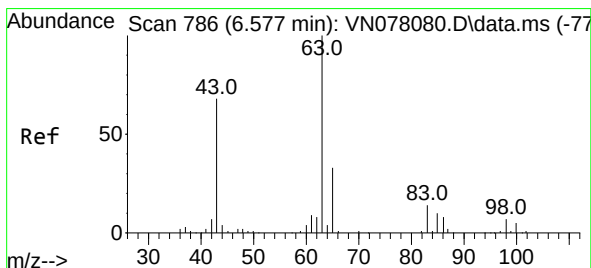
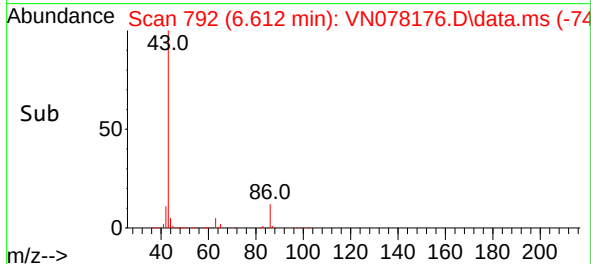
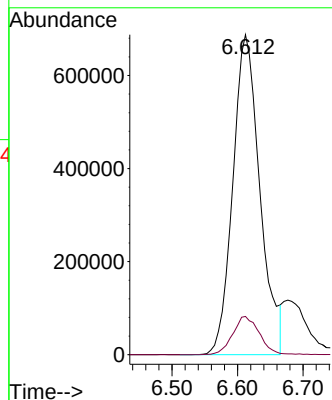


#23
 Vinyl Acetate
 Concen: 252.740 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078176.D
 Acq: 13 Jun 2023 09:52

Instrument :
 MSVOA_N
 ClientSampleId :

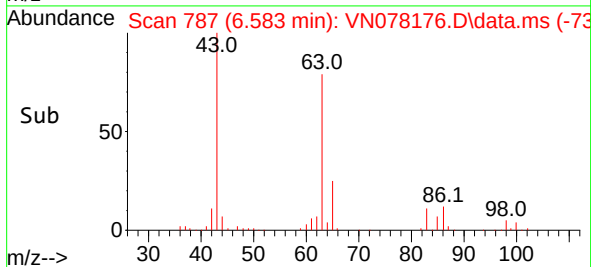
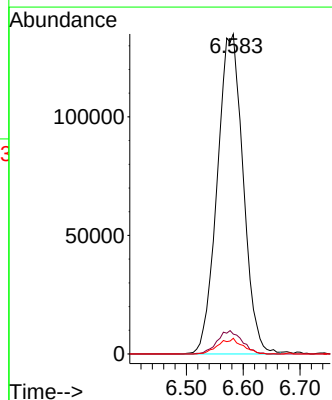
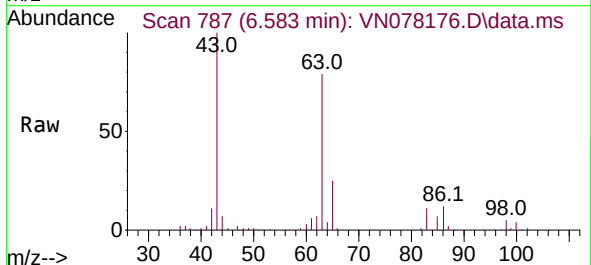


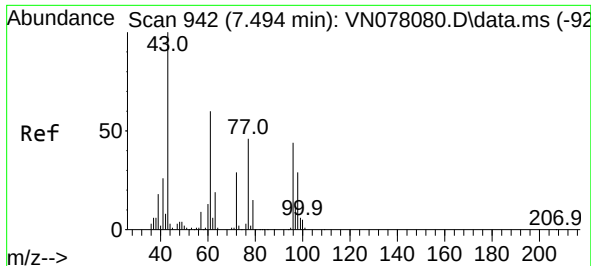
Tgt Ion: 43 Resp: 1976618
 Ion Ratio Lower Upper
 43 100
 86 11.9 13.0 19.6#



#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

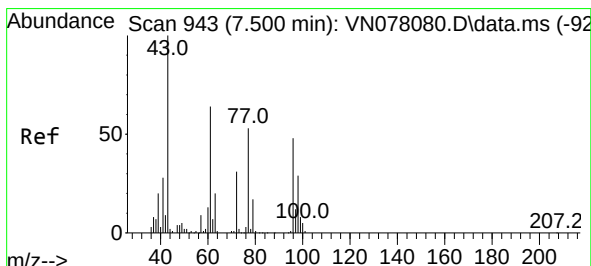
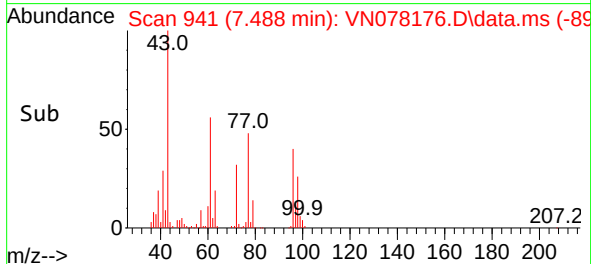
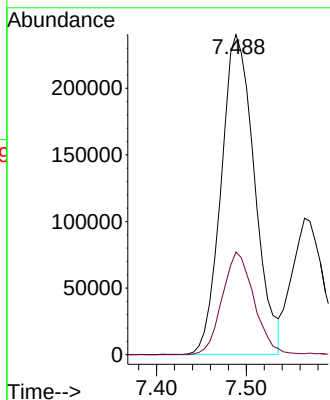
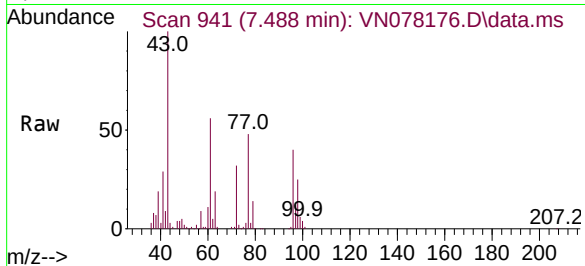




#25
2-Butanone
Concen: 250.172 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

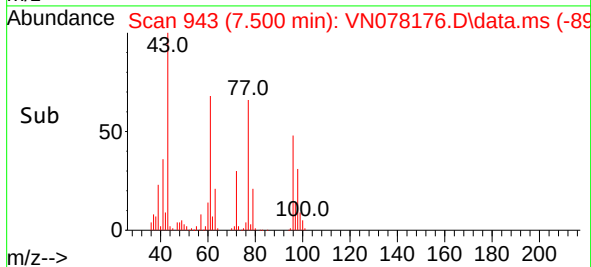
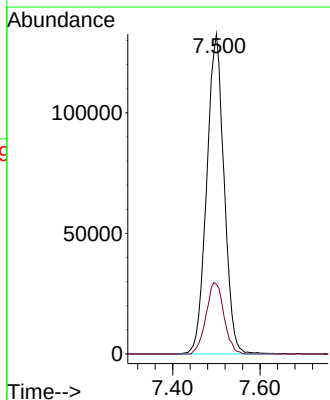
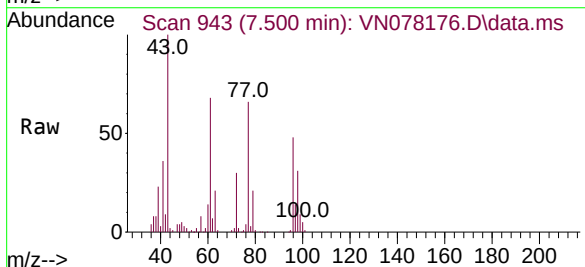
Instrument :
MSVOA_N
ClientSampleId :

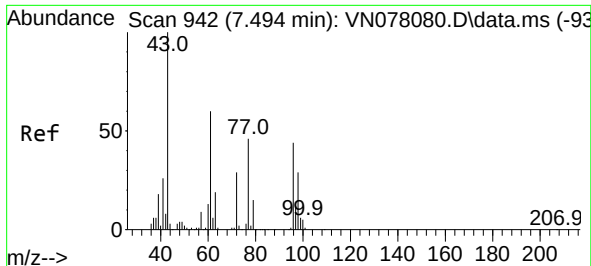
Tgt Ion: 43 Resp: 619492
Ion Ratio Lower Upper
43 100
72 32.2 30.2 45.2



#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

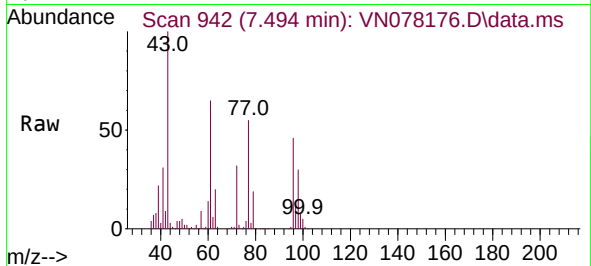
Tgt Ion: 77 Resp: 365677
Ion Ratio Lower Upper
77 100
97 23.1 11.2 33.6



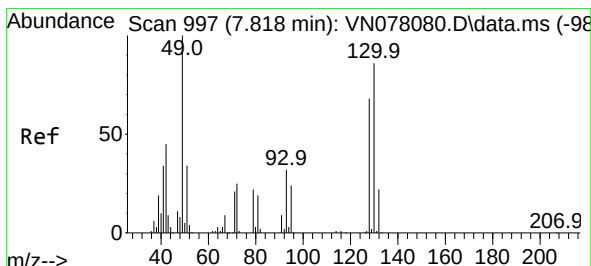
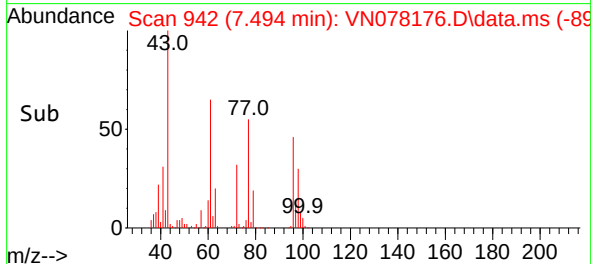
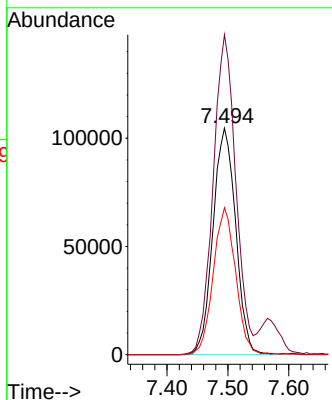


#27
 cis-1,2-Dichloroethene
 Concen: 46.130 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078176.D
 Acq: 13 Jun 2023 09:52

Instrument :
 MSVOA_N
 ClientSampleId :

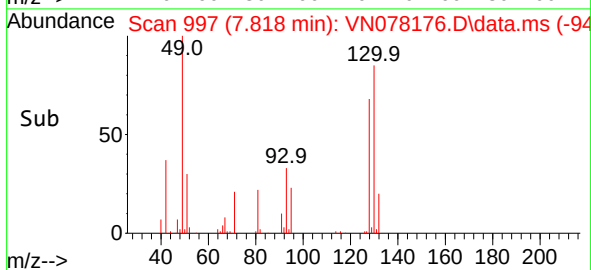
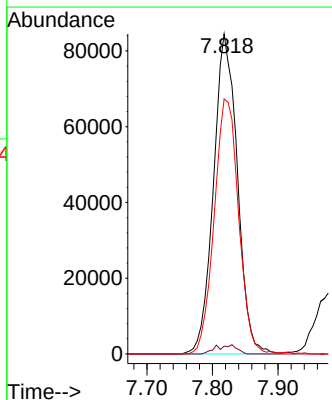
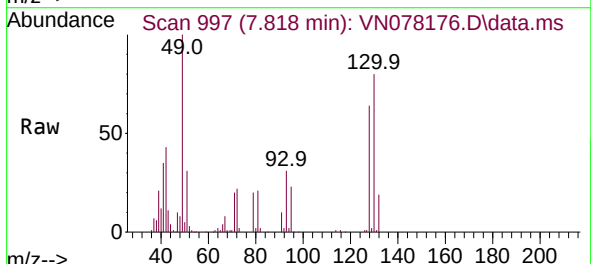


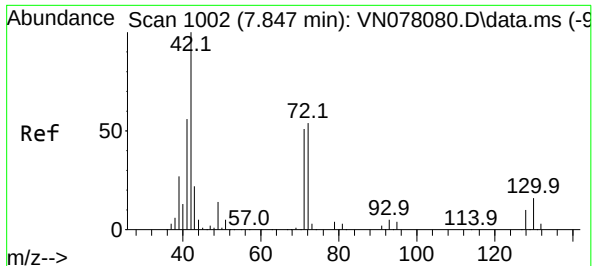
Tgt Ion: 96 Resp: 271924
 Ion Ratio Lower Upper
 96 100
 61 140.7 0.0 255.2
 98 63.9 0.0 128.8



#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 :

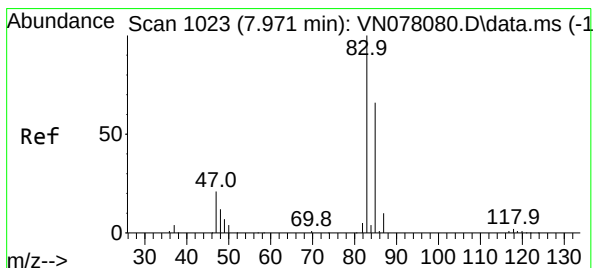
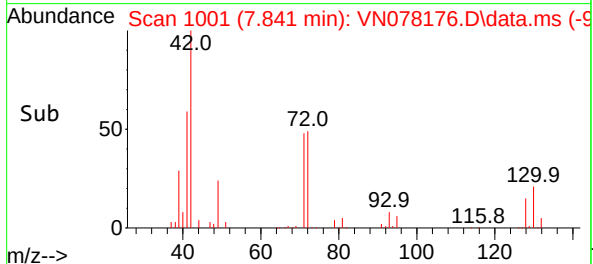
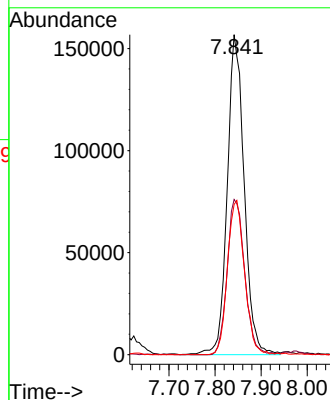
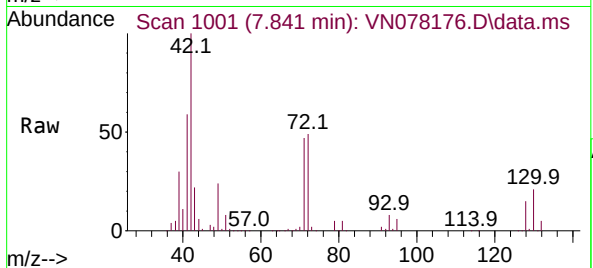
Tgt Ion: 42 Resp: 399291

Ion Ratio Lower Upper

42 100

72 50.1 49.8 74.6

71 48.8 47.4 71.2



#30

Chloroform

Concen: 49.774 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN078176.D

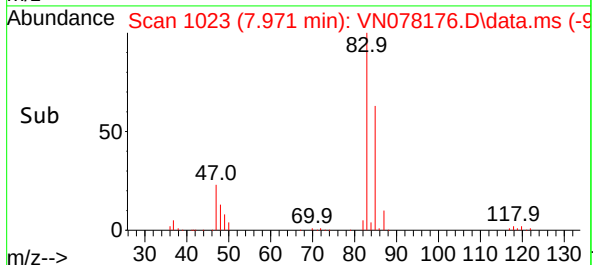
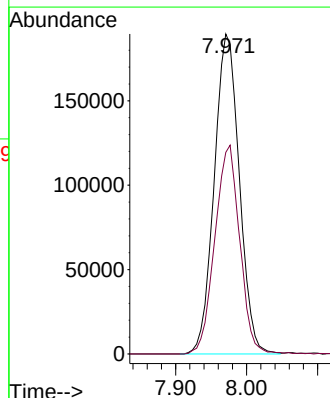
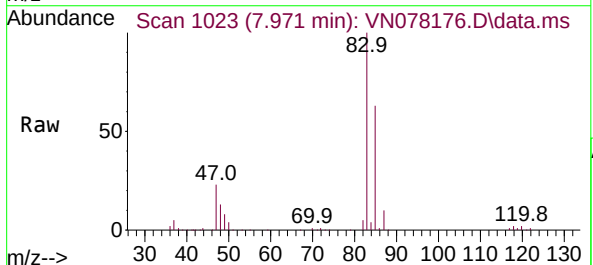
Acq: 13 Jun 2023 09:52

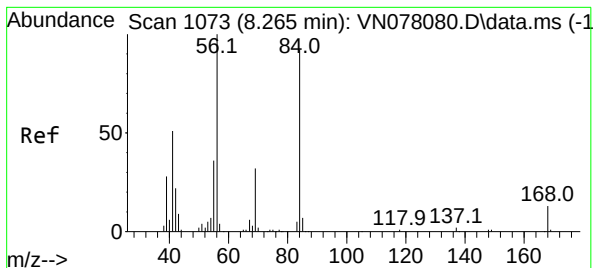
Tgt Ion: 83 Resp: 465173

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

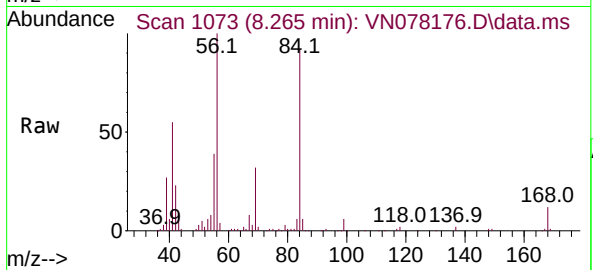
Lab File: VN078176.D

Acq: 13 Jun 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :



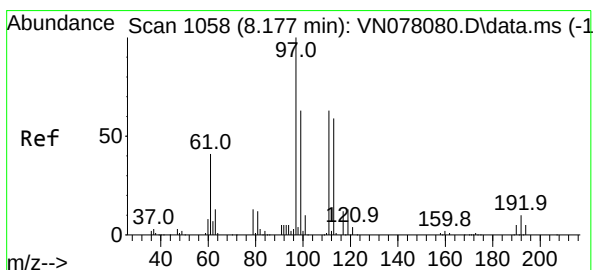
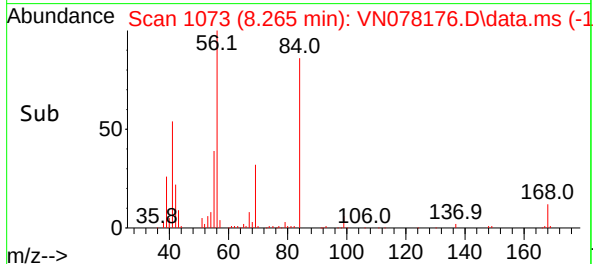
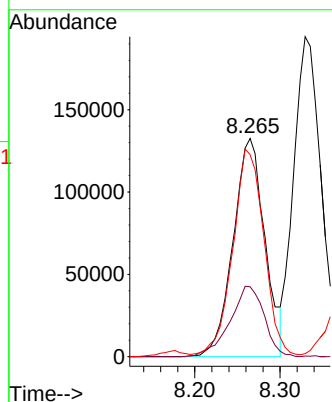
Tgt Ion: 56 Resp: 343239

Ion Ratio Lower Upper

56 100

69 32.0 26.8 40.2

84 90.7 81.8 122.6



#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

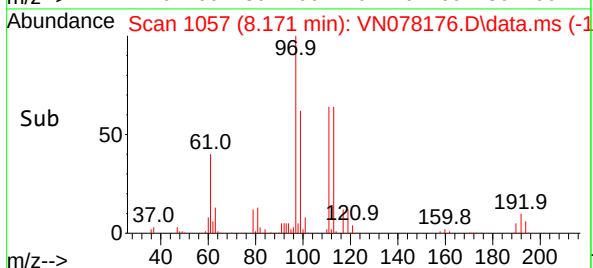
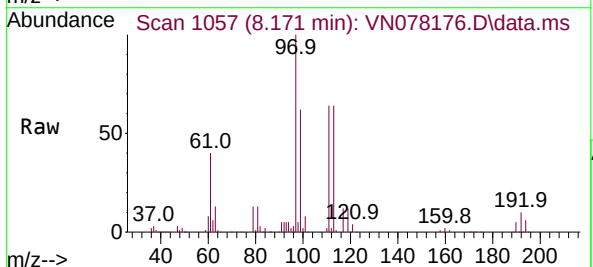
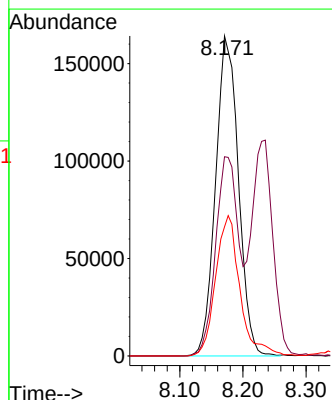
Tgt Ion: 97 Resp: 413021

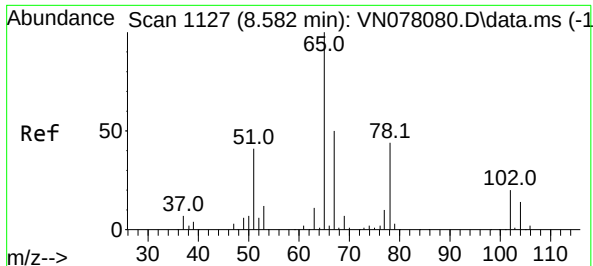
Ion Ratio Lower Upper

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

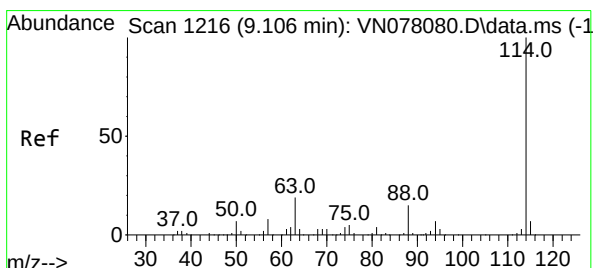
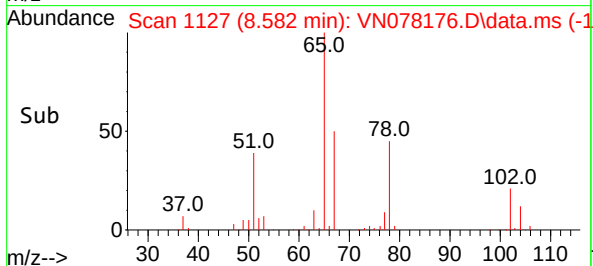
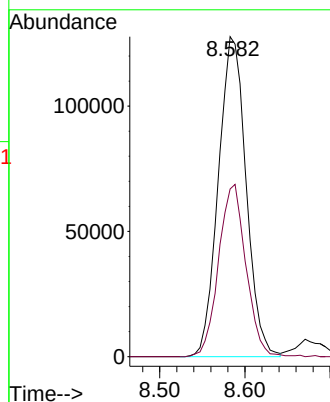
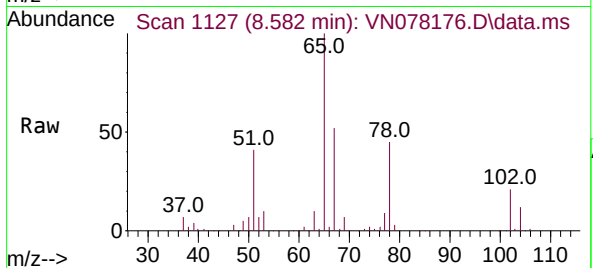
ClientSampleId :

Tgt Ion: 65 Resp: 288866

Ion Ratio Lower Upper

65 100

67 53.1 0.0 106.6



#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

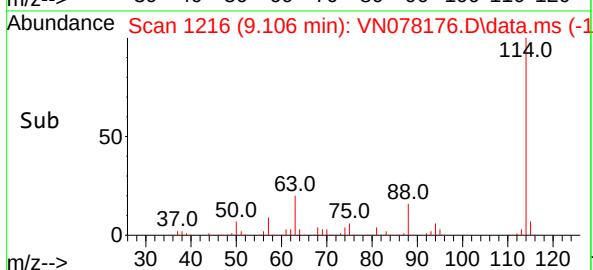
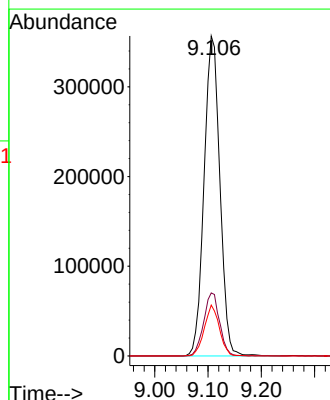
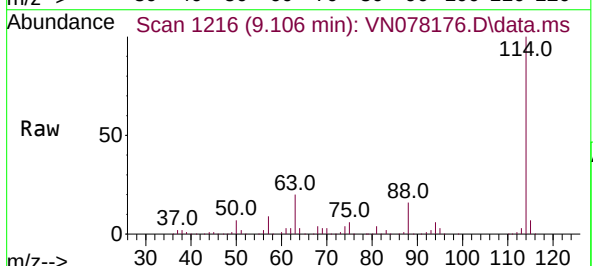
Tgt Ion: 114 Resp: 734858

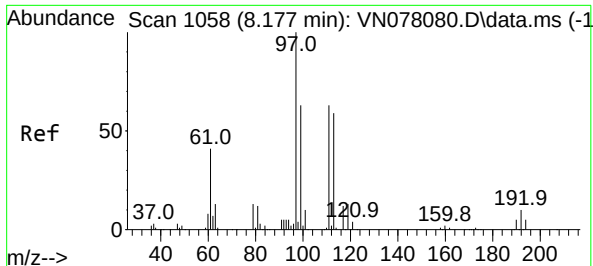
Ion Ratio Lower Upper

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 :

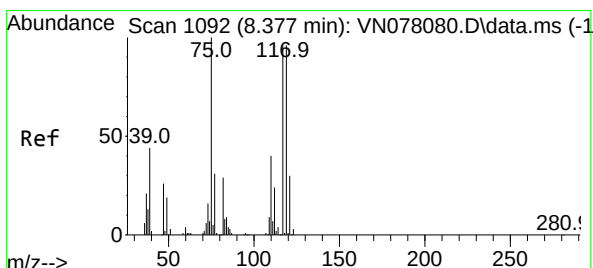
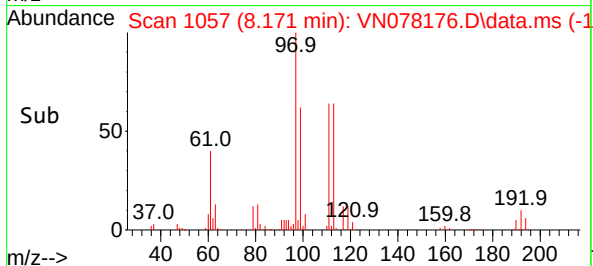
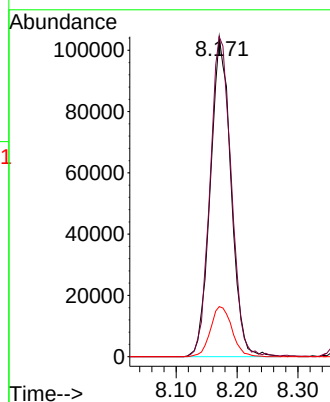
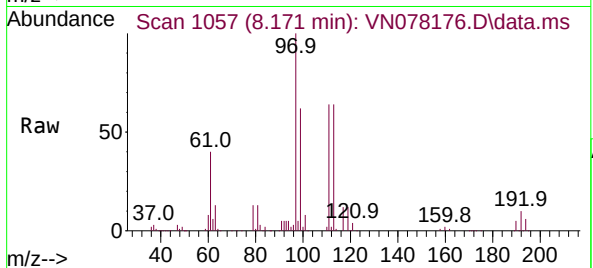
Tgt Ion:113 Resp: 245151

Ion Ratio Lower Upper

113 100

111 103.4 82.6 123.8

192 16.3 12.7 19.1



#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

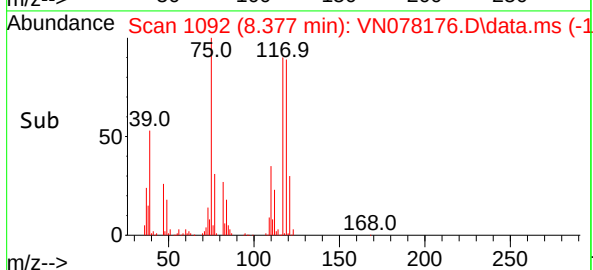
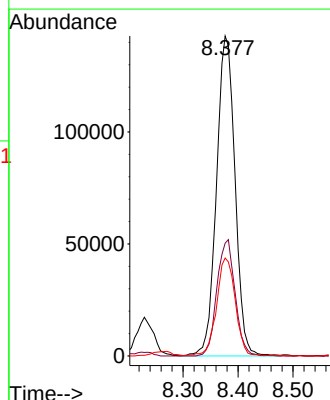
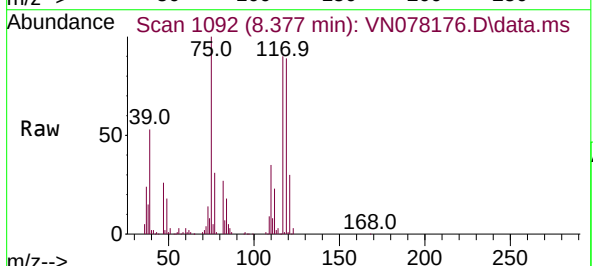
Tgt Ion: 75 Resp: 334692

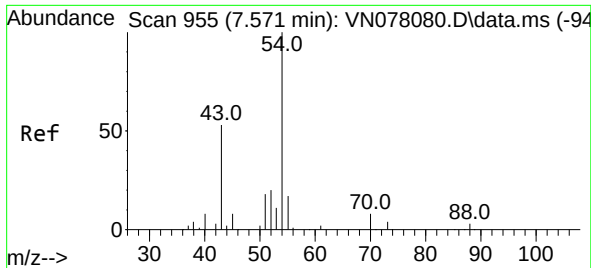
Ion Ratio Lower Upper

75 100

110 35.7 19.1 57.3

77 30.8 25.0 37.4

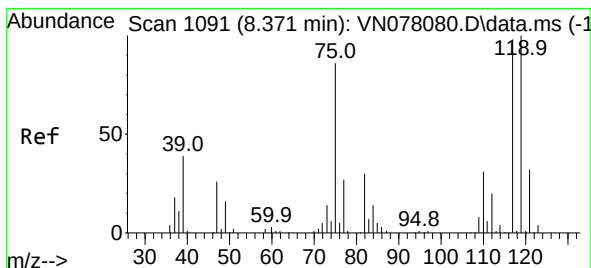
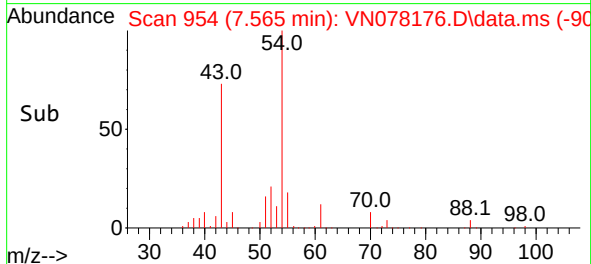
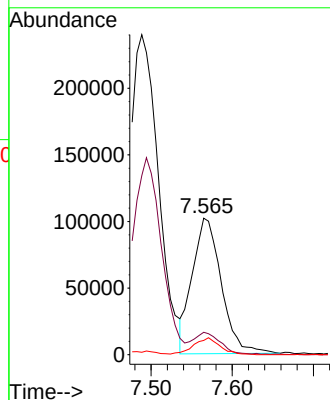
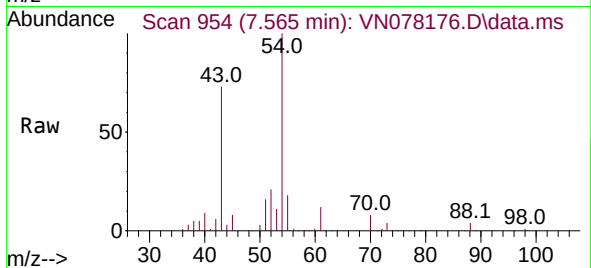




#37
Ethyl Acetate
Concen: 48.735 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

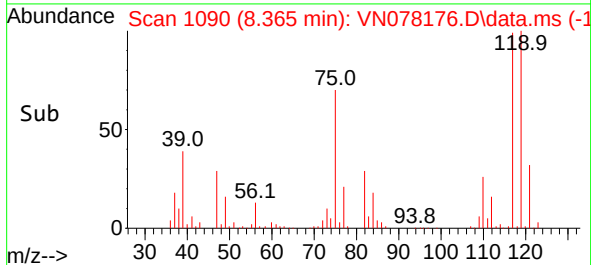
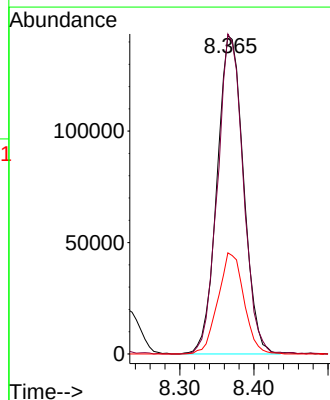
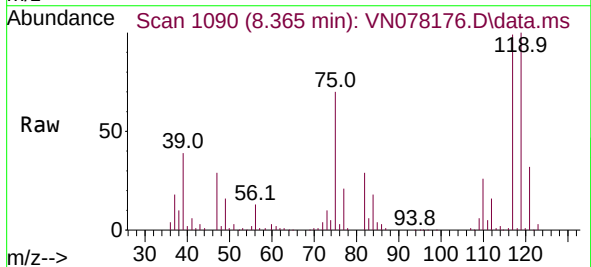
Instrument :
MSVOA_N
ClientSampleId :

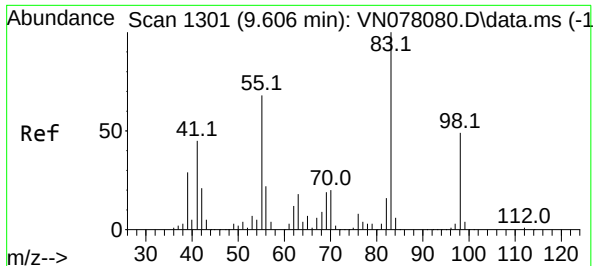
Tgt Ion: 43 Resp: 253739
Ion Ratio Lower Upper
43 100
61 14.7 13.2 19.8
70 11.3 11.3 16.9



#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 :

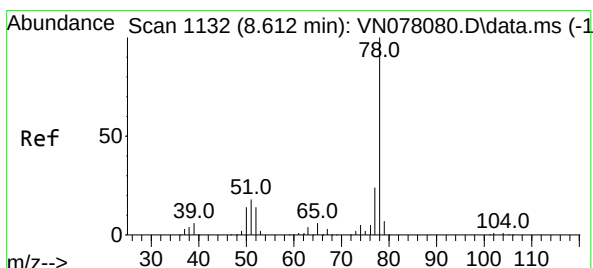
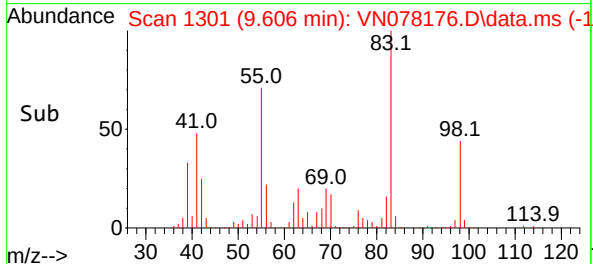
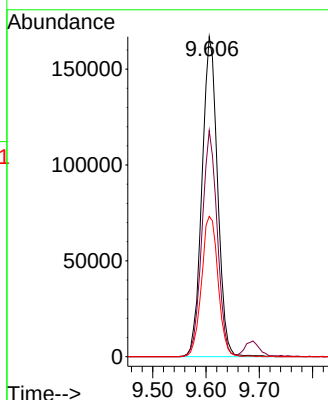
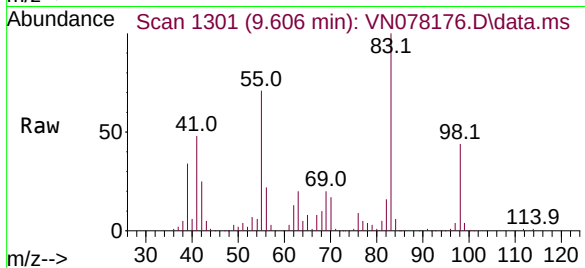
Tgt Ion: 83 Resp: 338801

Ion Ratio Lower Upper

83 100

55 70.6 49.1 73.7

98 43.9 40.6 61.0



#40

Benzene

Concen: 50.136 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN078176.D

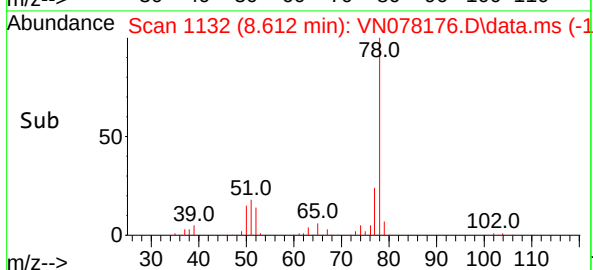
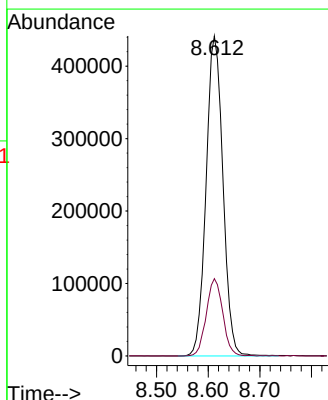
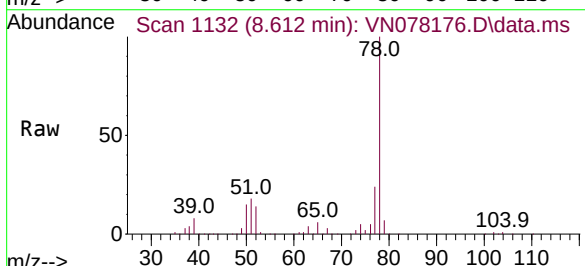
Acq: 13 Jun 2023 09:52

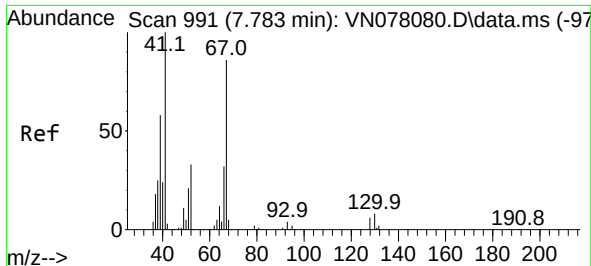
Tgt Ion: 78 Resp: 997551

Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.6

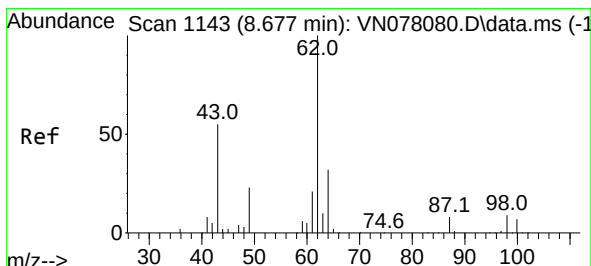
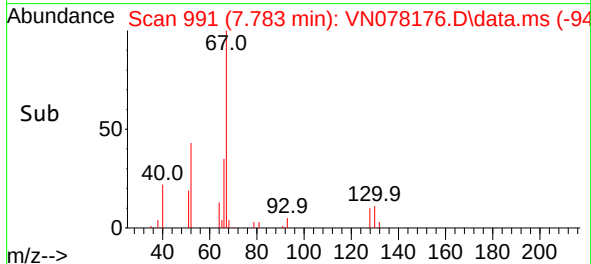
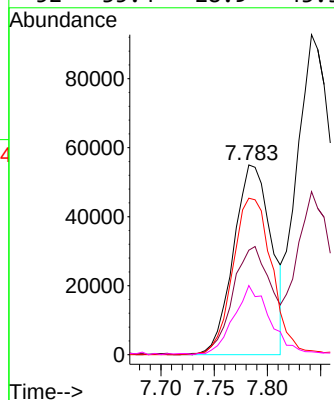
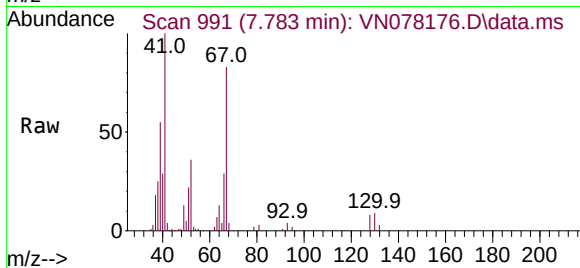




#41
Methacrylonitrile
Concen: 48.102 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

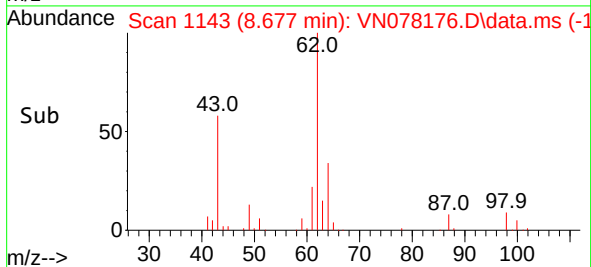
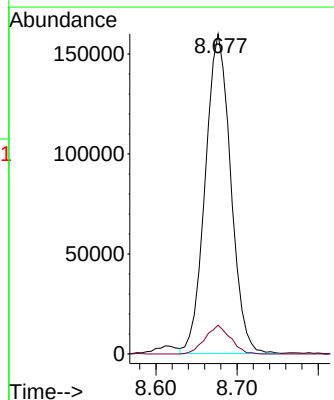
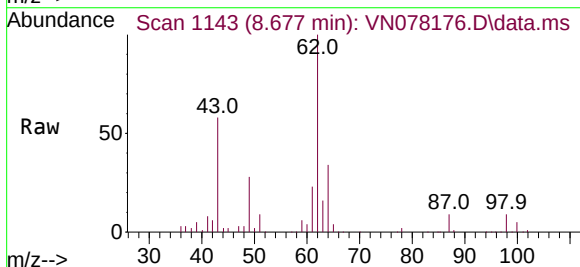
Instrument :
MSVOA_N
ClientSampleId :

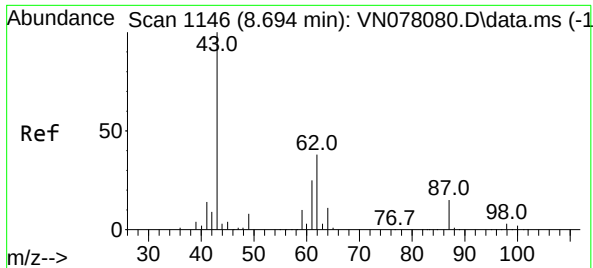
Tgt Ion:	41	Resp:	135747
Ion	Ratio	Lower	Upper
41	100		
39	58.2	42.6	64.0
67	85.8	77.5	116.3
52	35.4	28.9	43.3



#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	Lower	Upper
62	100		
98	8.9	0.0	19.8

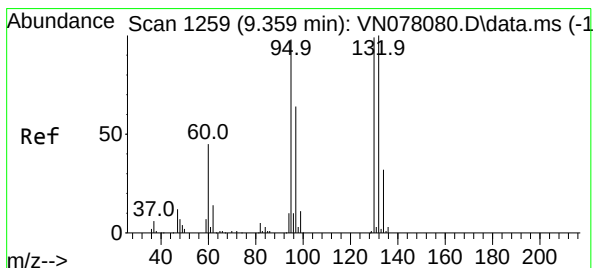
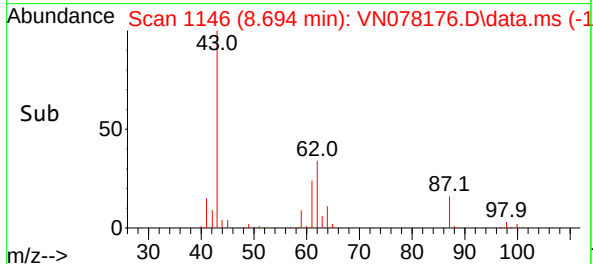
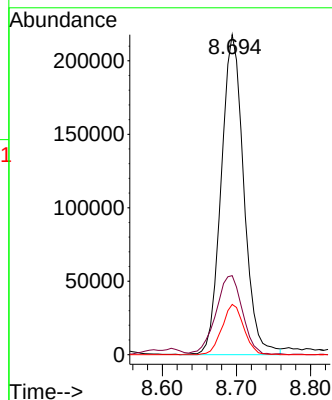
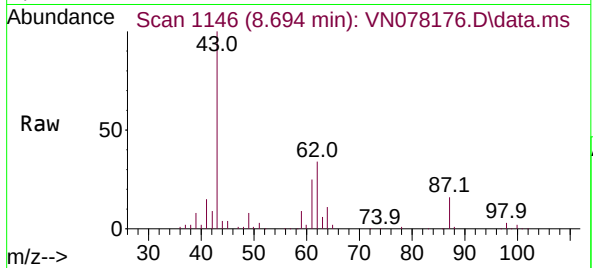




#43
Isopropyl Acetate
Concen: 46.314 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

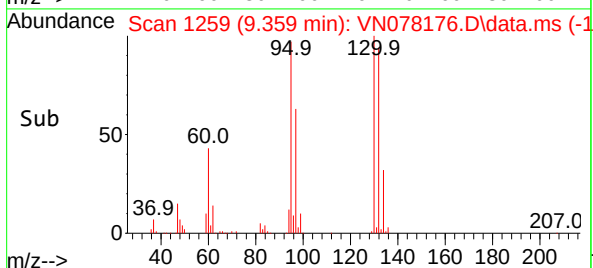
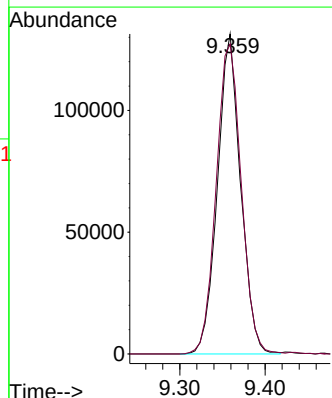
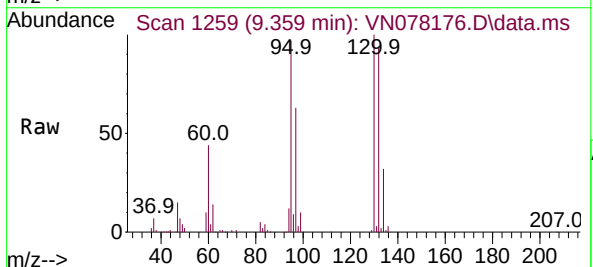
Instrument :
MSVOA_N
ClientSampleId :

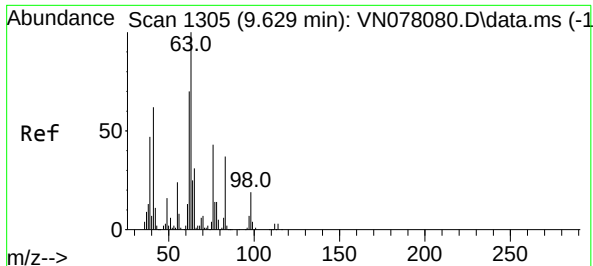
Tgt Ion: 43 Resp: 461153
Ion Ratio Lower Upper
43 100
61 29.1 24.7 37.1
87 15.1 14.6 21.8



#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# 11

Delta R.T. 0.000 min

Lab File: VN078176.D

Acq: 13 Jun 2023 09:52

Instrument :

MSVOA_N

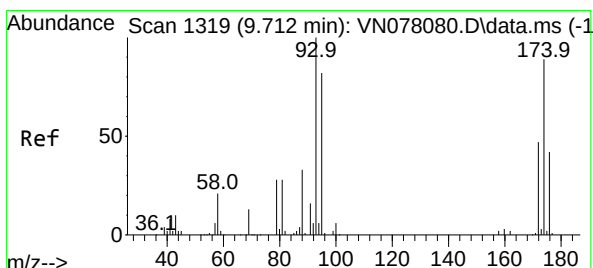
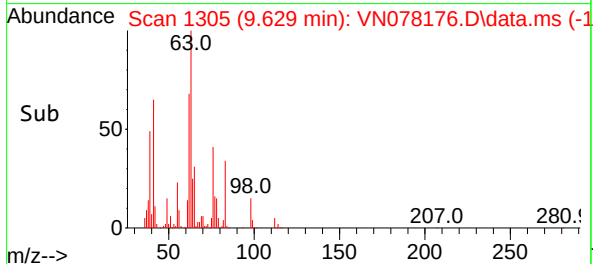
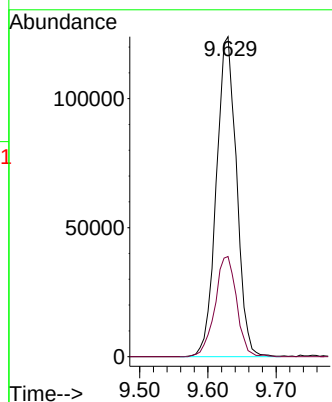
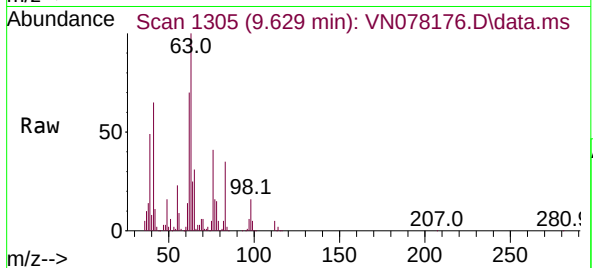
ClientSampleId :

Tgt Ion: 63 Resp: 256190

Ion Ratio Lower Upper

63 100

65 31.3 23.9 35.9



#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

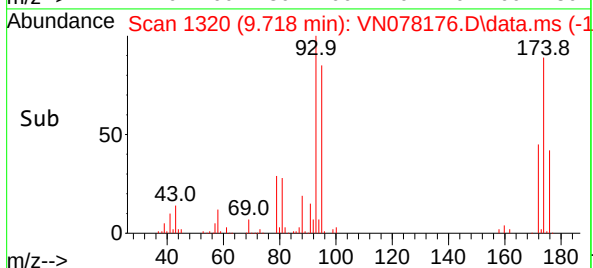
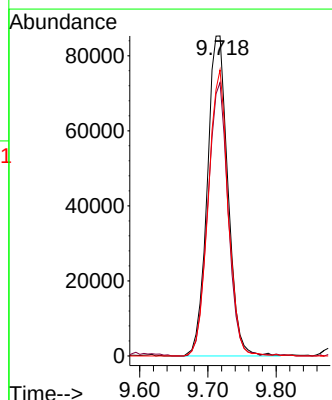
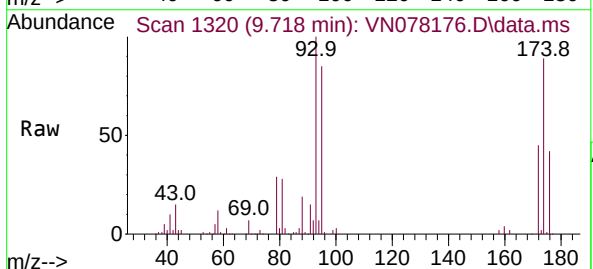
Tgt Ion: 93 Resp: 179831

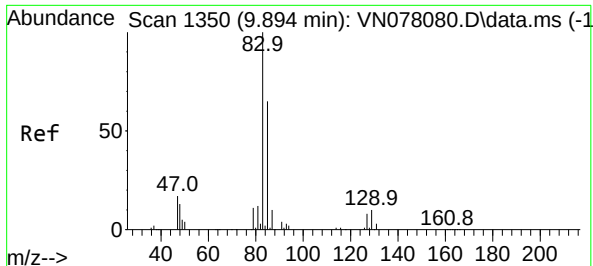
Ion Ratio Lower Upper

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 :

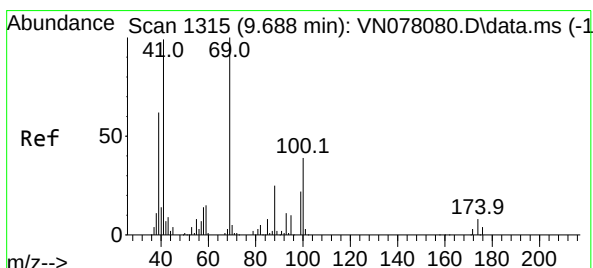
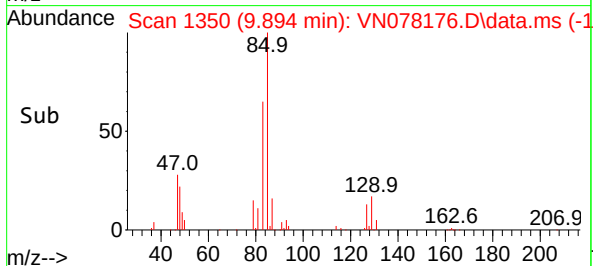
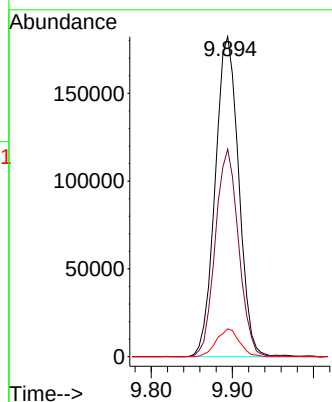
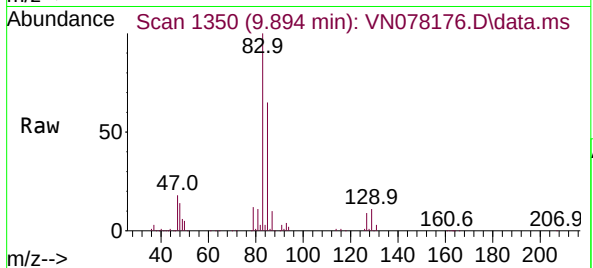
Tgt Ion: 83 Resp: 366647

Ion Ratio Lower Upper

83 100

85 64.9 49.6 74.4

127 8.7 7.0 10.6



#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

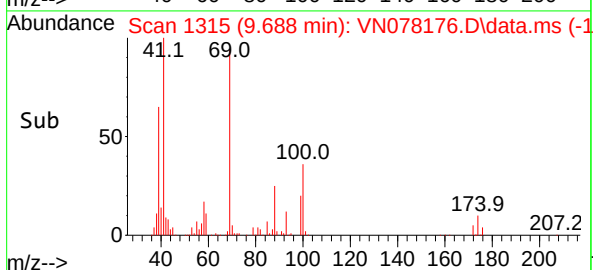
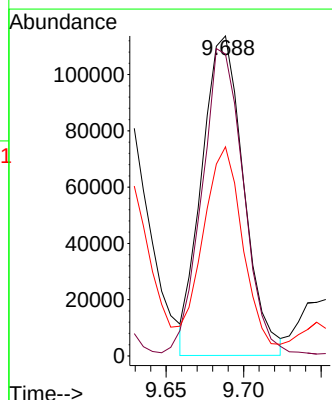
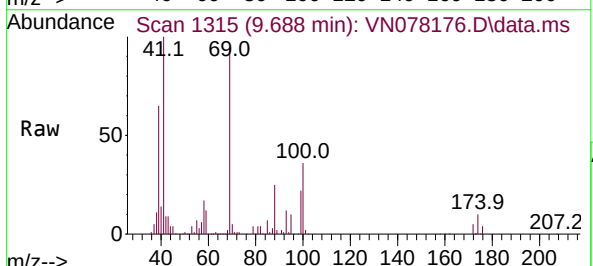
Tgt Ion: 41 Resp: 213584

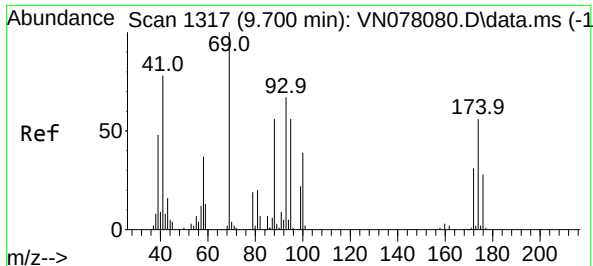
Ion Ratio Lower Upper

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# 1

Delta R.T. 0.000 min

Lab File: VN078176.D

Acq: 13 Jun 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

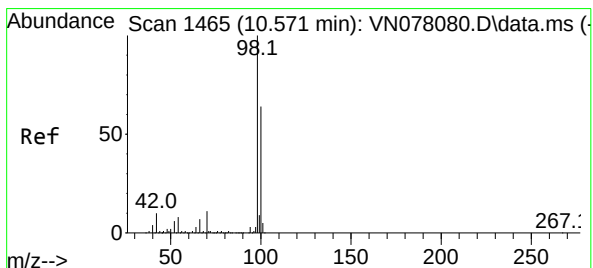
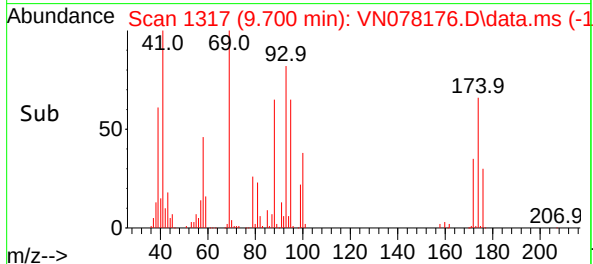
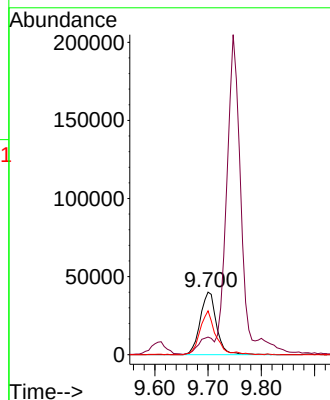
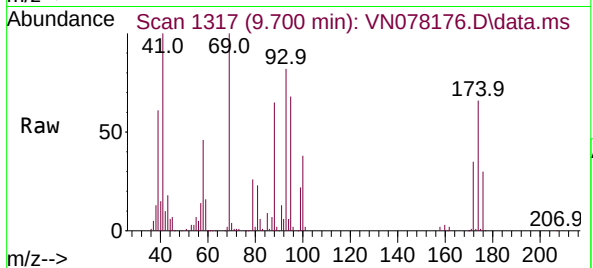
Tgt Ion: 88 Resp: 84624

Ion Ratio Lower Upper

88 100

43 26.1 17.0 25.6#

58 67.8 47.0 70.4



#50

Toluene-d8

Concen: 52.484 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN078176.D

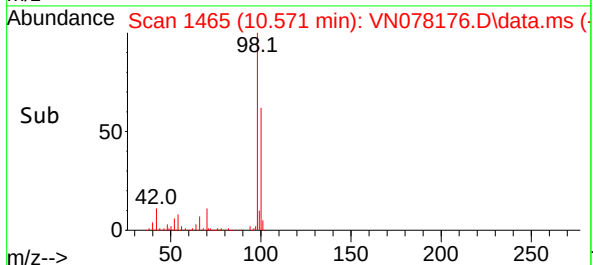
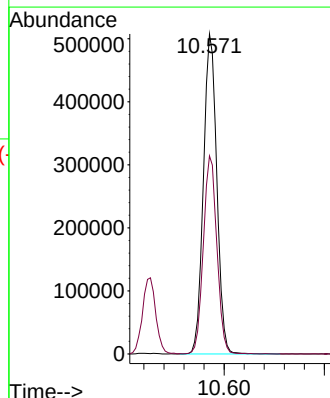
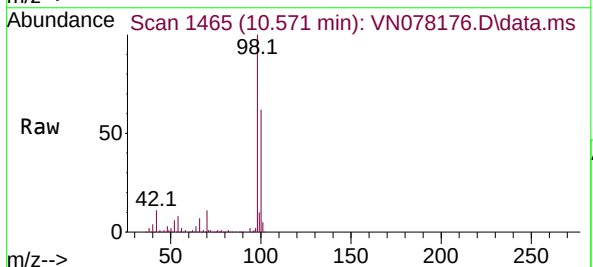
Acq: 13 Jun 2023 09:52

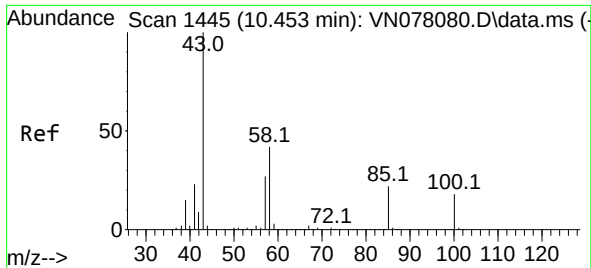
Tgt Ion: 98 Resp: 940106

Ion Ratio Lower Upper

98 100

100 62.7 52.0 78.0

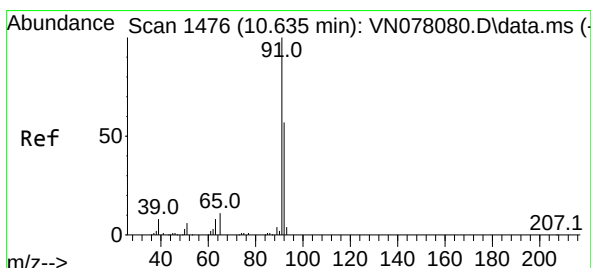
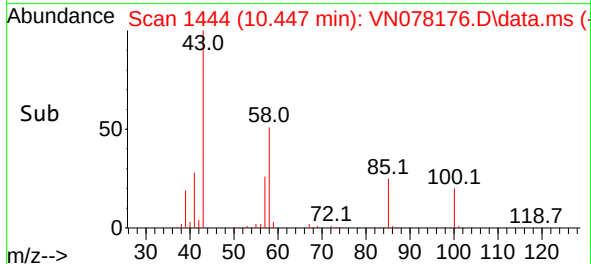
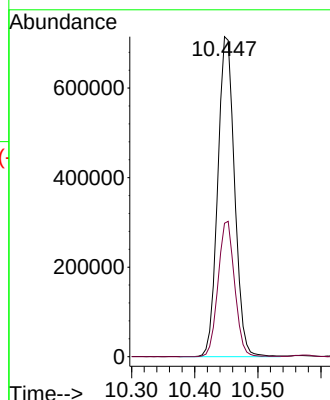
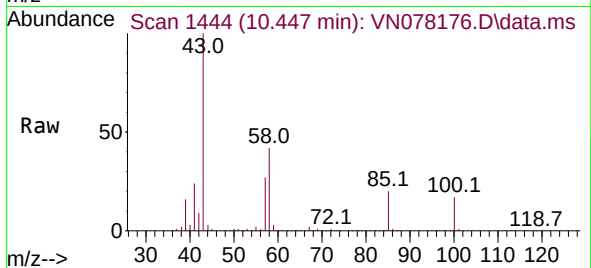




#51
4-Methyl-2-Pentanone
Concen: 252.085 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

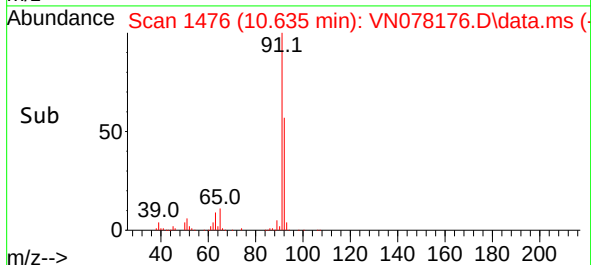
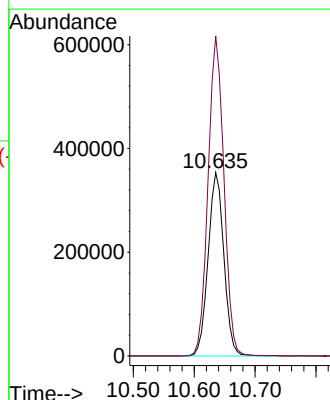
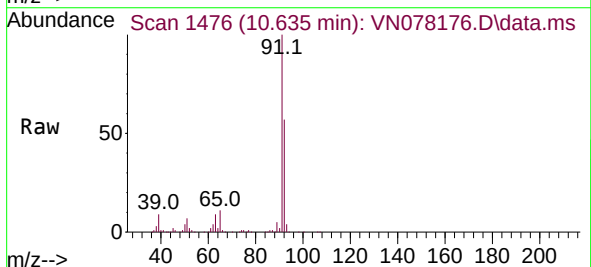
Instrument :
MSVOA_N
ClientSampleId :

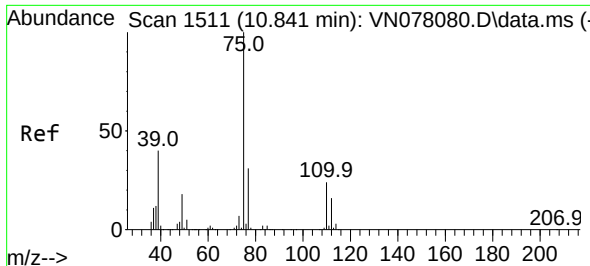
Tgt Ion: 43 Resp: 1321765
Ion Ratio Lower Upper
43 100
58 41.7 36.6 54.8



#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

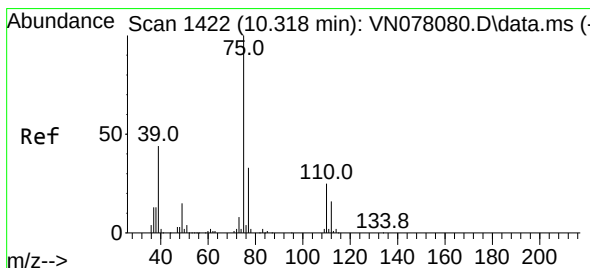
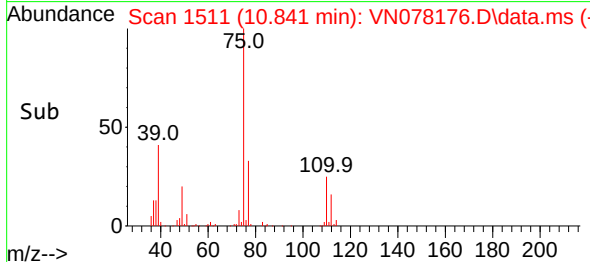
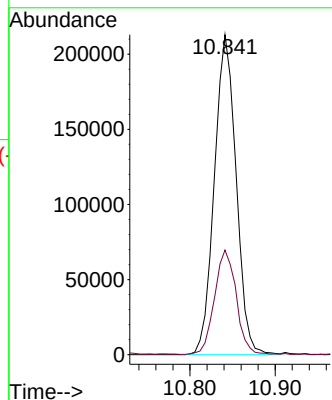
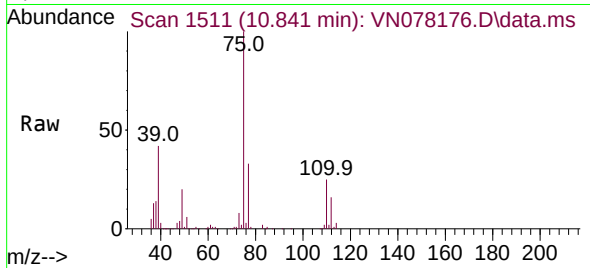




#53
t-1,3-Dichloropropene
Concen: 53.596 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

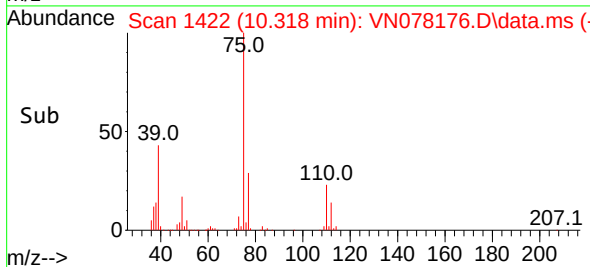
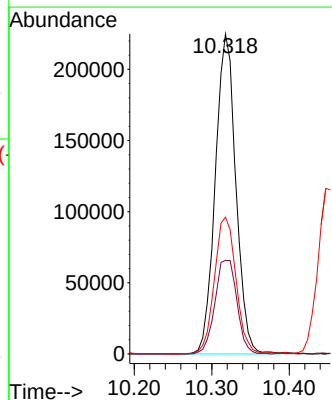
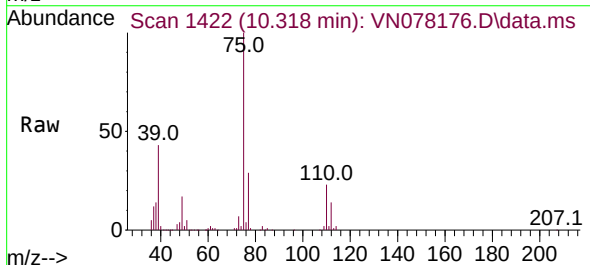
Instrument :
MSVOA_N
ClientSampleId :

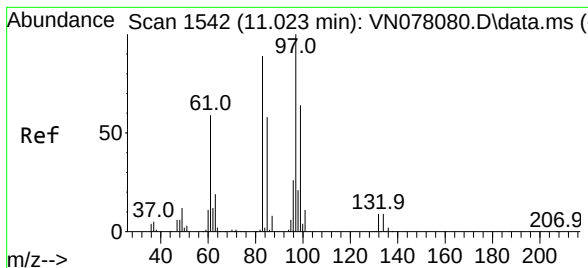
Tgt Ion: 75 Resp: 378056
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.0



#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

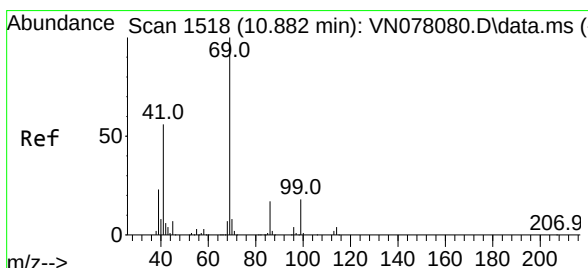
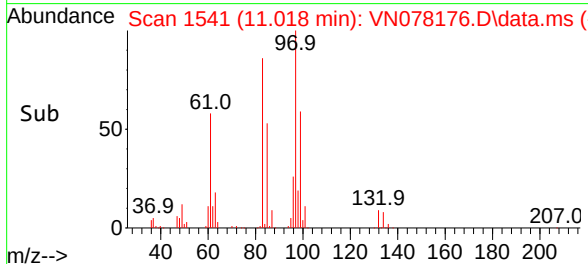
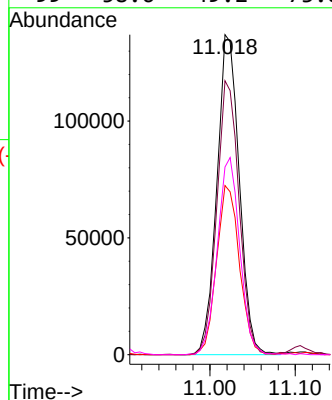
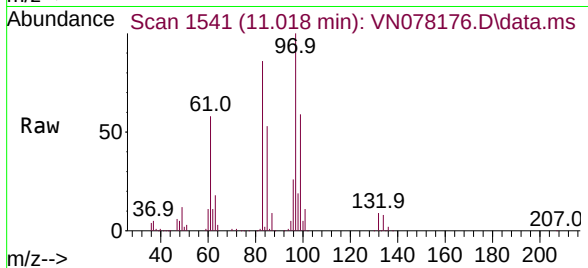




#55
1,1,2-Trichloroethane
Concen: 52.663 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

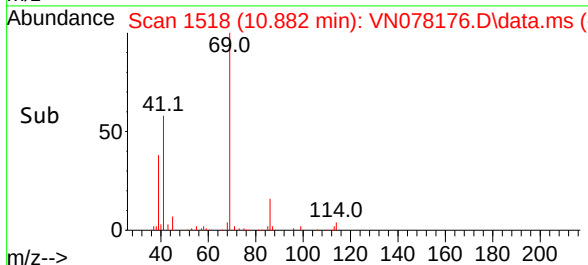
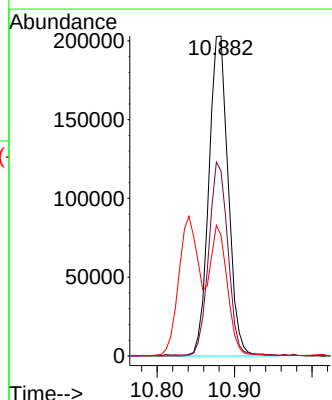
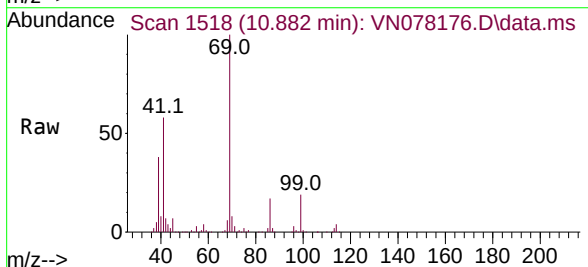
Instrument :
MSVOA_N
ClientSampleId :

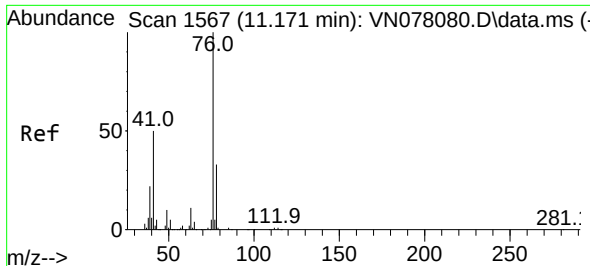
Tgt Ion: 97 Resp: 250265
Ion Ratio Lower Upper
97 100
83 85.6 65.1 97.7
85 52.8 43.4 65.2
99 58.6 49.2 73.8



#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

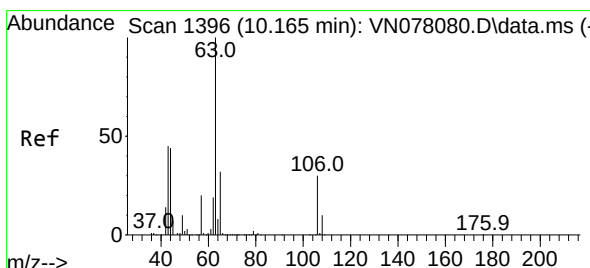
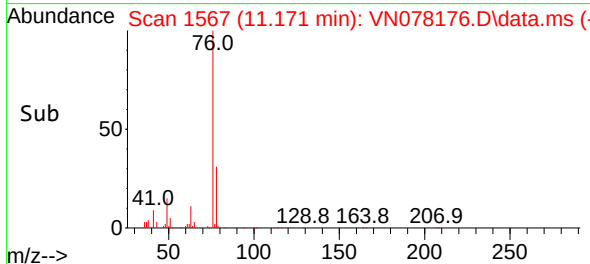
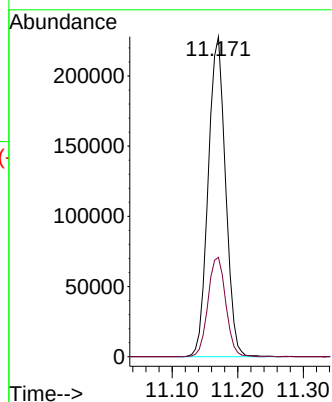
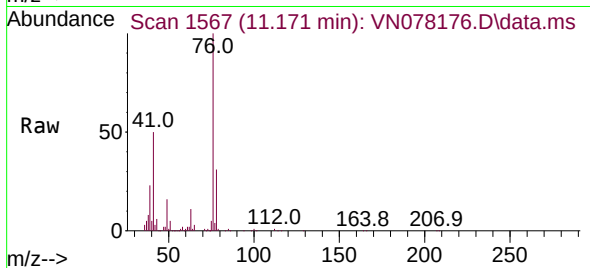
ClientSampleId :

Tgt Ion: 76 Resp: 418494

Ion Ratio Lower Upper

76 100

78 31.9 26.1 39.1



#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

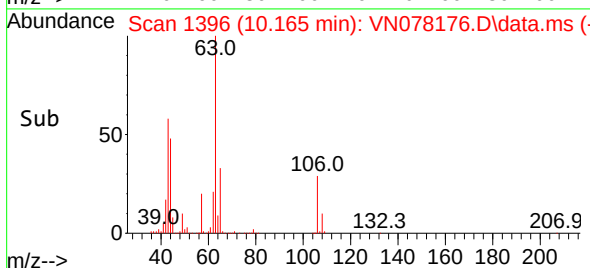
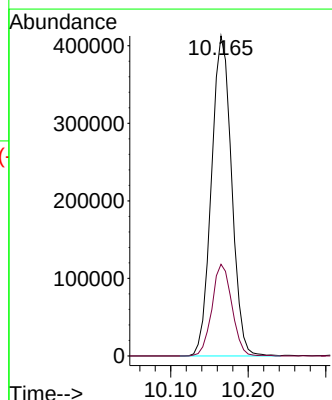
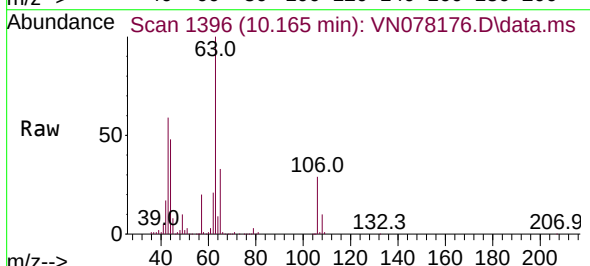
Acq: 13 Jun 2023 09:52

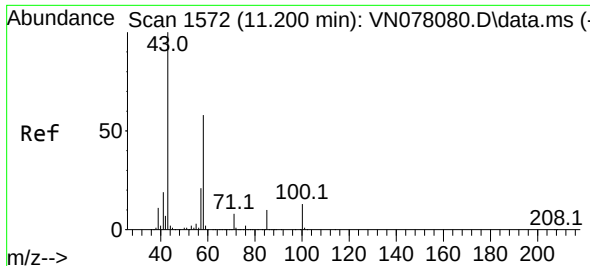
Tgt Ion: 63 Resp: 746165

Ion Ratio Lower Upper

63 100

106 28.3 26.2 39.4

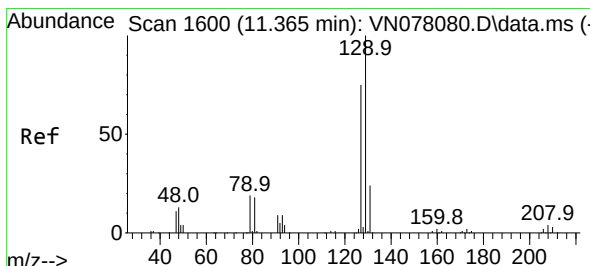
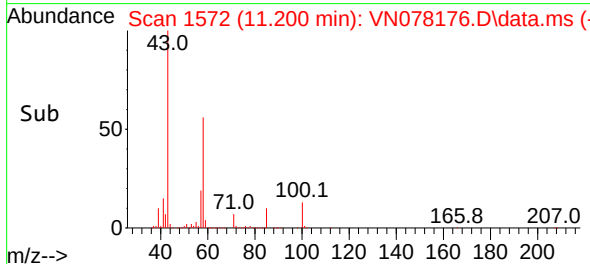
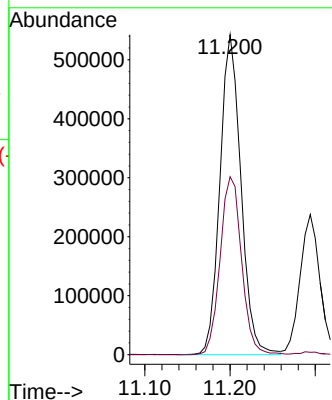
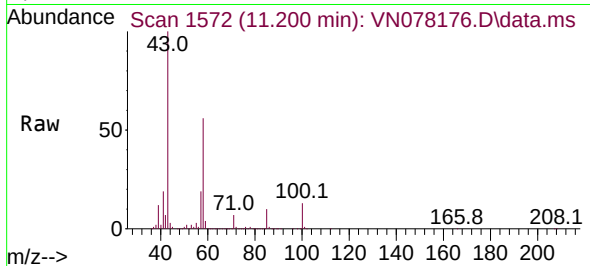




#59
2-Hexanone
Concen: 255.071 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

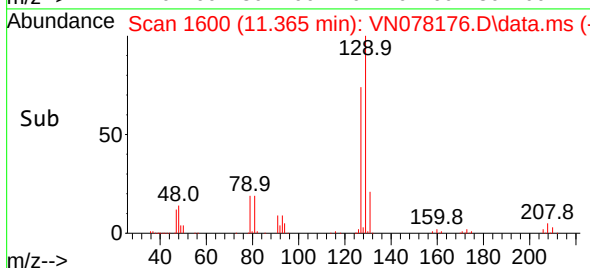
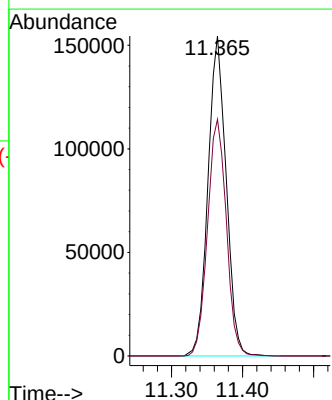
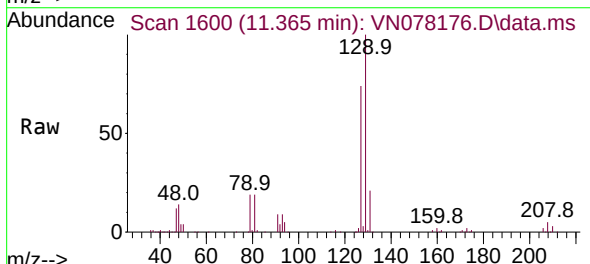
Instrument :
MSVOA_N
ClientSampleId :

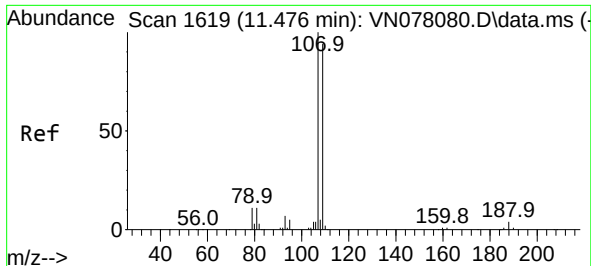
Tgt Ion: 43 Resp: 931236
Ion Ratio Lower Upper
43 100
58 56.7 31.7 95.1



#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

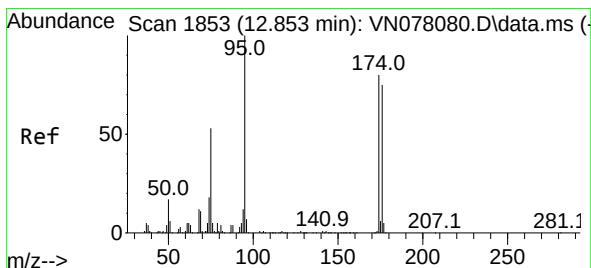
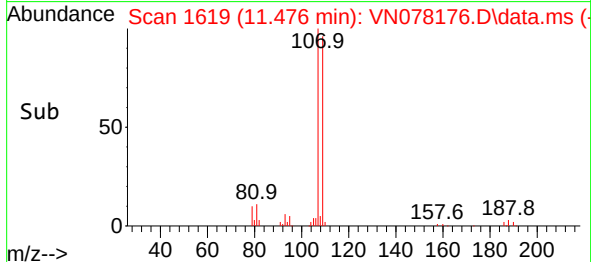
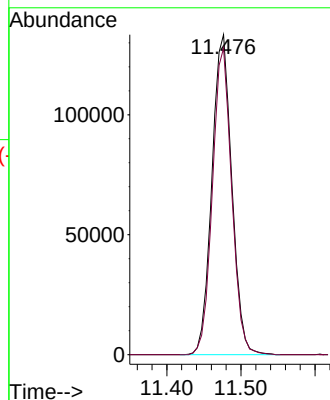
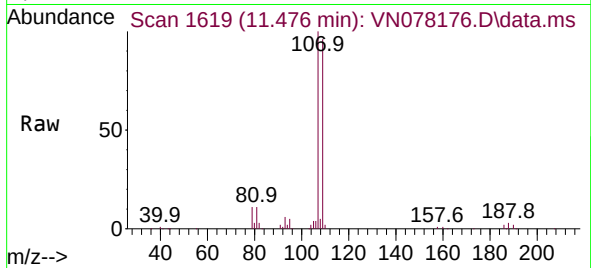




#61
1,2-Dibromoethane
Concen: 49.894 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

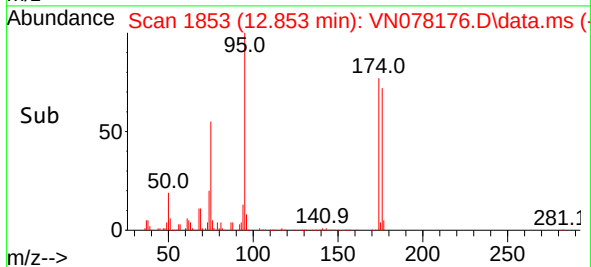
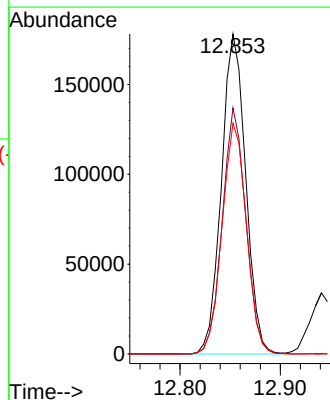
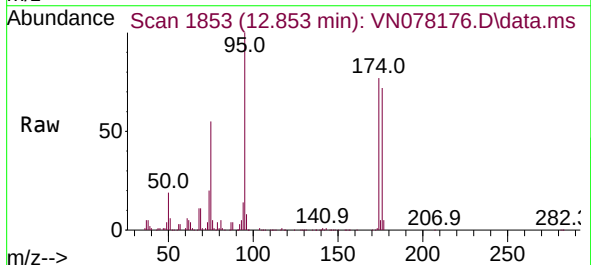
Instrument :
MSVOA_N
ClientSampleId :

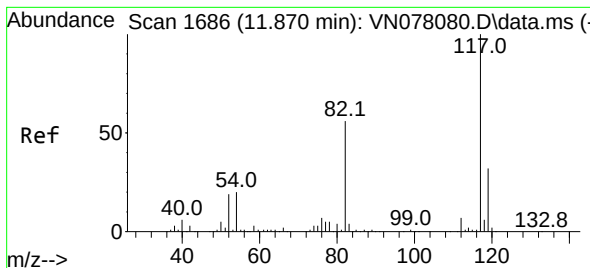
Tgt Ion:107 Resp: 248830
Ion Ratio Lower Upper
107 100
109 92.6 76.6 114.8



#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

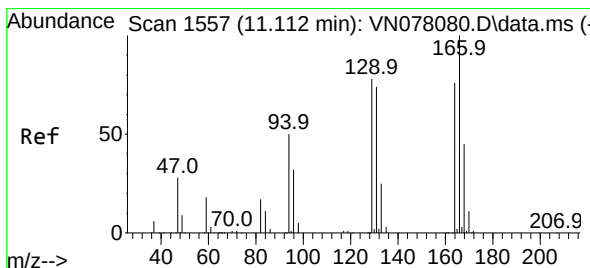
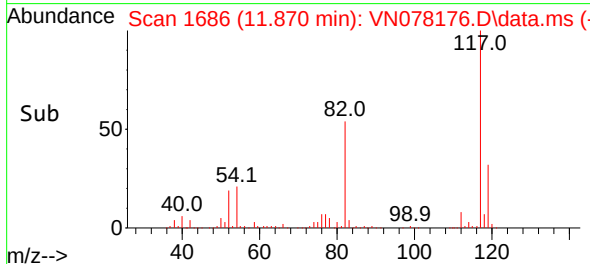
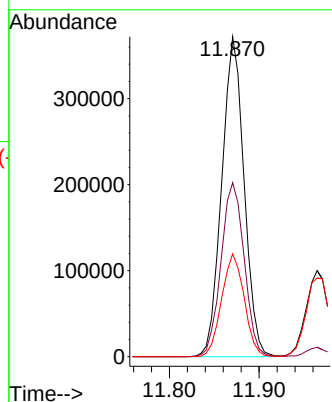
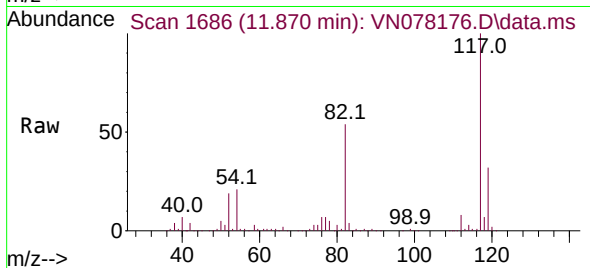




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

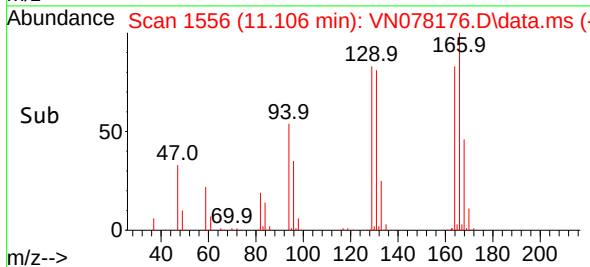
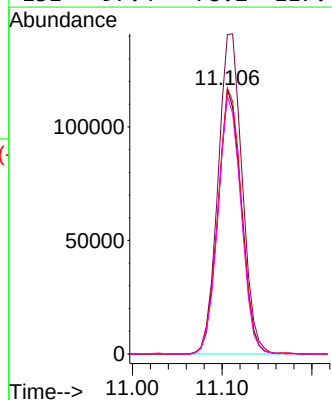
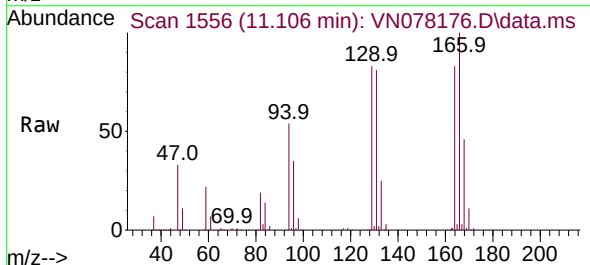
Instrument :
MSVOA_N
ClientSampleId :

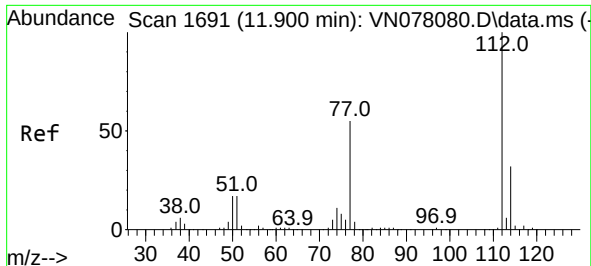
Tgt Ion:117 Resp: 642631
Ion Ratio Lower Upper
117 100
82 54.4 44.0 66.0
119 32.1 25.6 38.4



#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

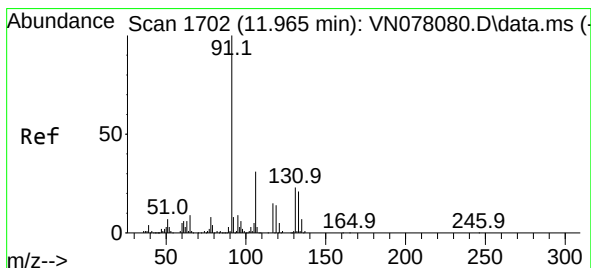
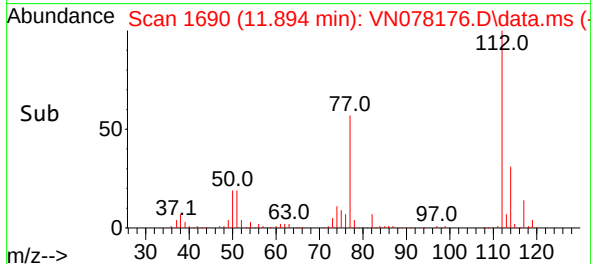
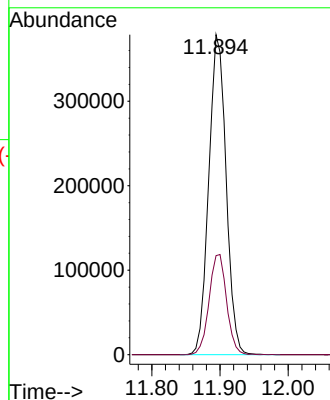
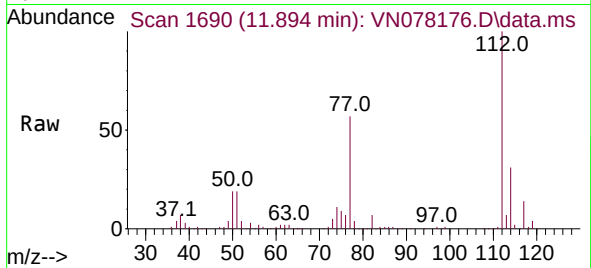




#65
Chlorobenzene
Concen: 48.704 ug/l
RT: 11.894 min Scan# 111
Delta R.T. -0.006 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

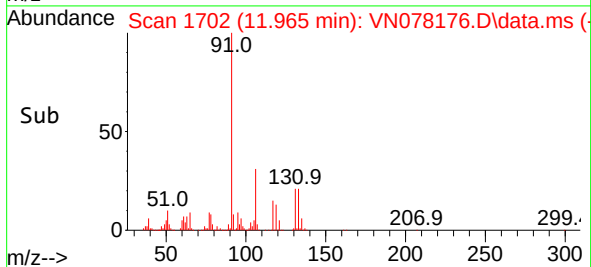
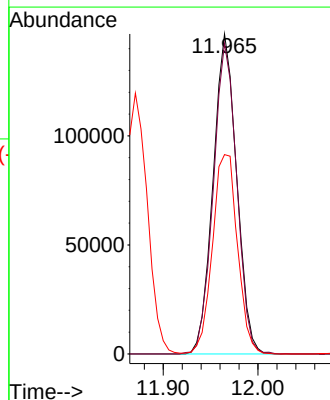
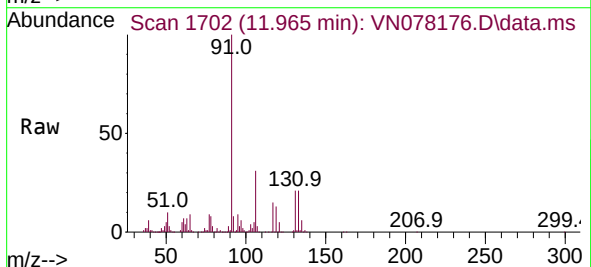
Instrument :
MSVOA_N
ClientSampleId :

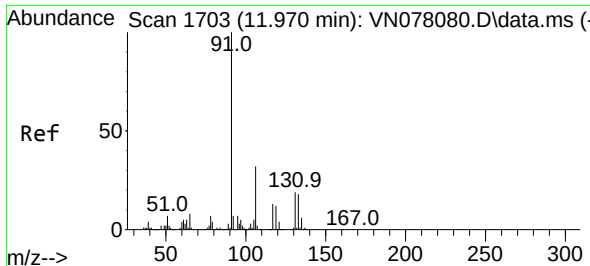
Tgt Ion:112 Resp: 670284
Ion Ratio Lower Upper
112 100
114 31.0 25.0 37.4



#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

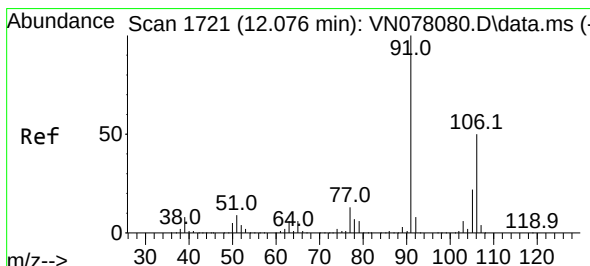
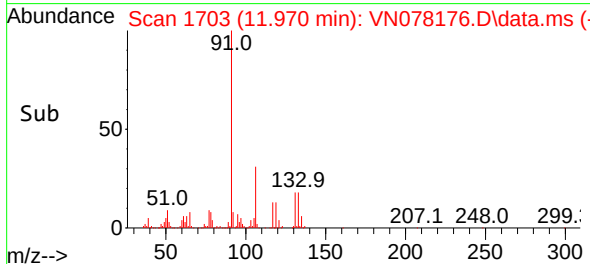
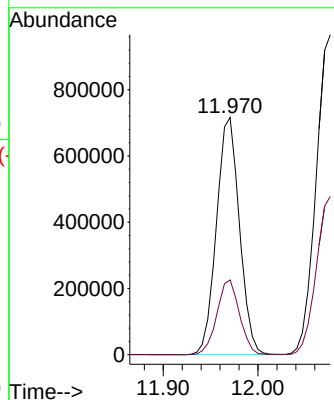
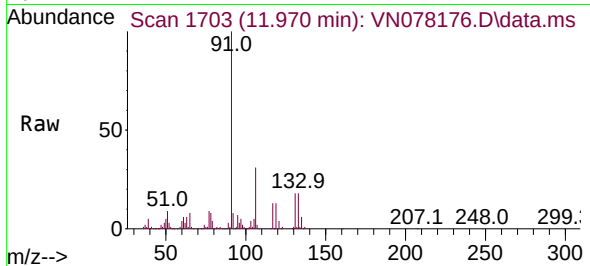




#67
Ethyl Benzene
Concen: 50.862 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

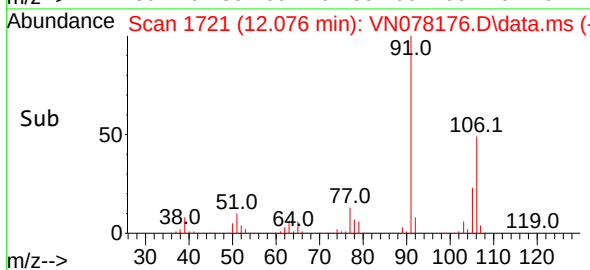
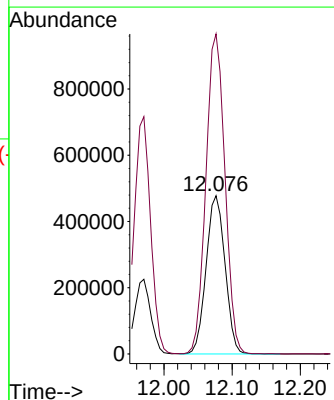
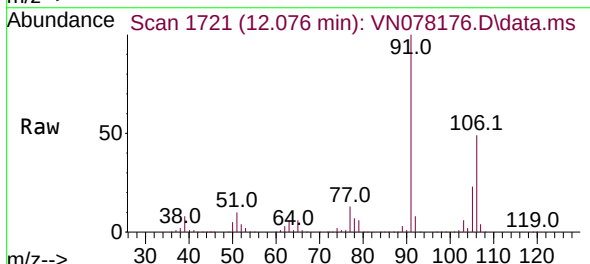
Instrument :
MSVOA_N
ClientSampleId :

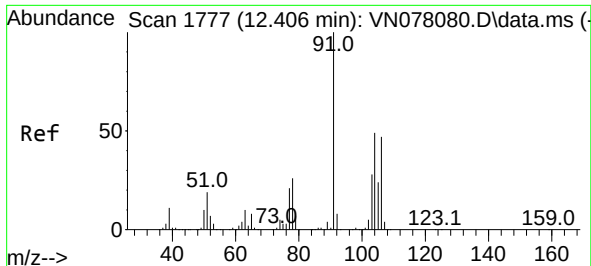
Tgt Ion: 91 Resp: 1207796
Ion Ratio Lower Upper
91 100
106 31.5 25.6 38.4



#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

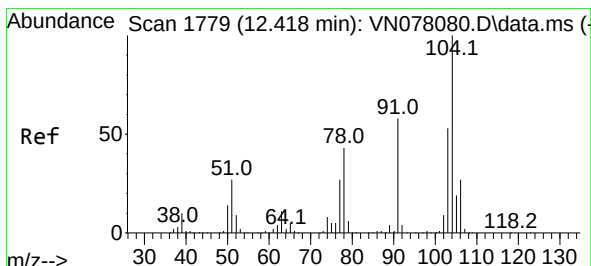
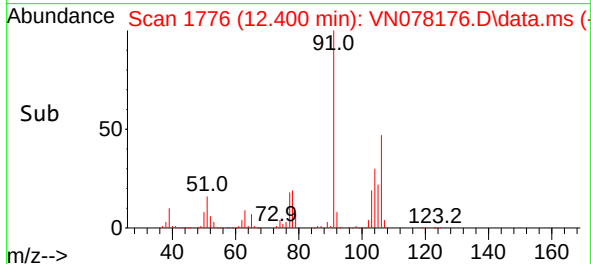
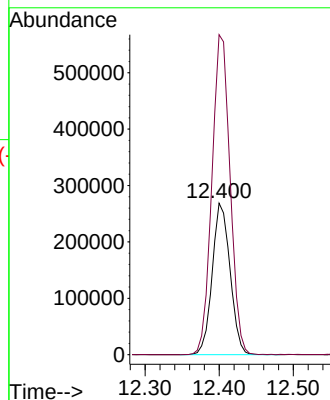
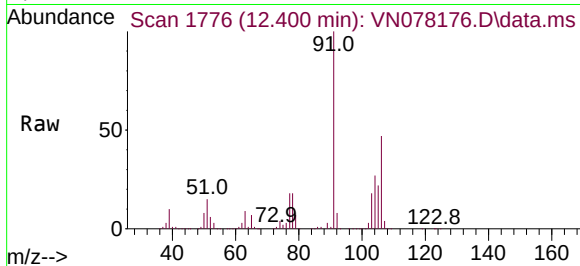




#69
o-Xylene
Concen: 50.548 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

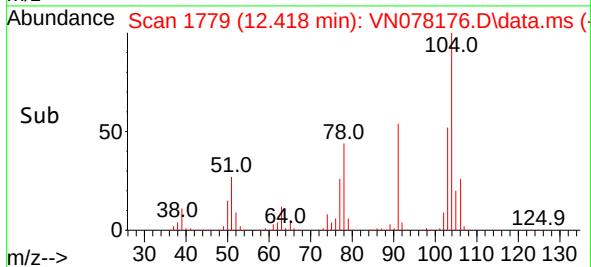
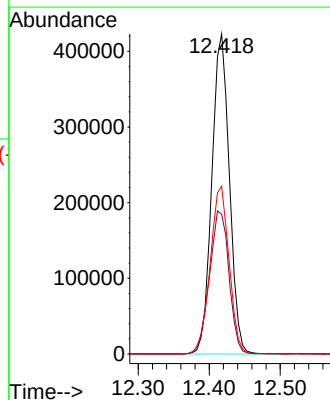
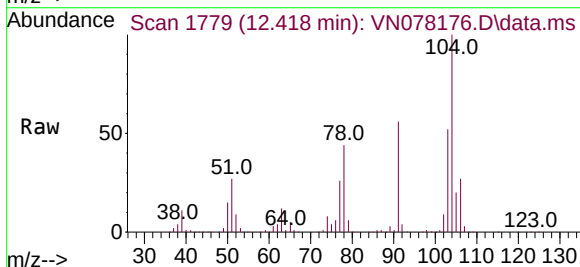
Instrument :
MSVOA_N
ClientSampleId :

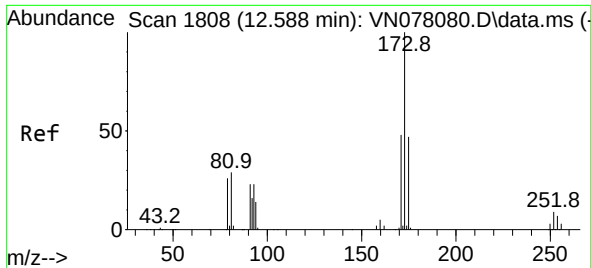
Tgt Ion:106 Resp: 449226
Ion Ratio Lower Upper
106 100
91 215.5 105.2 315.5



#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

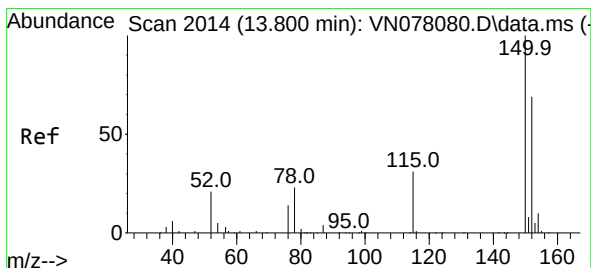
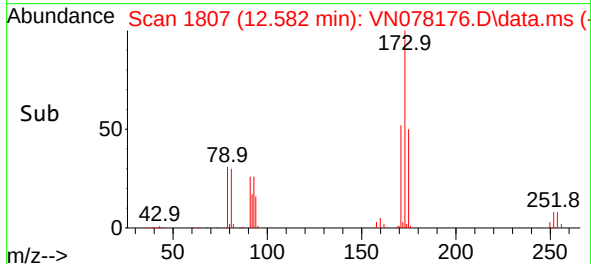
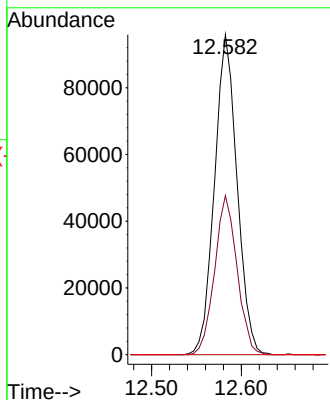
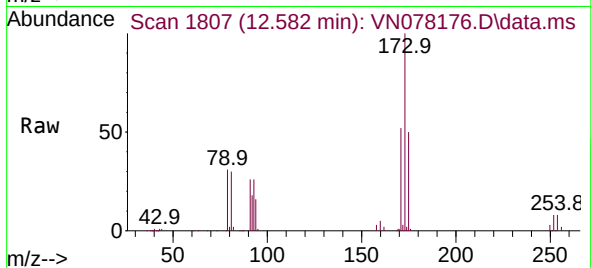




#71
Bromoform
Concen: 51.217 ug/l
RT: 12.582 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

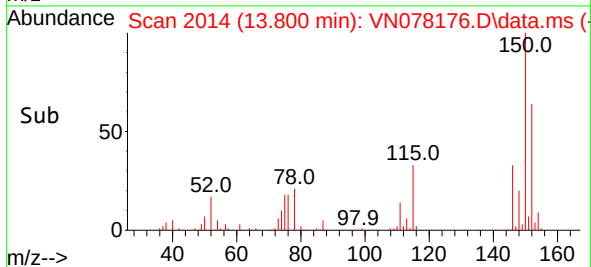
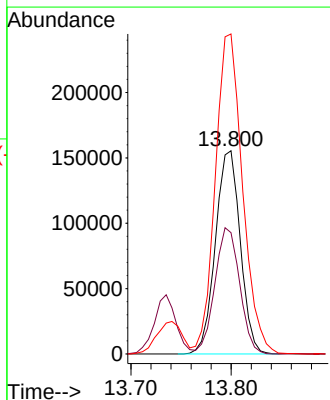
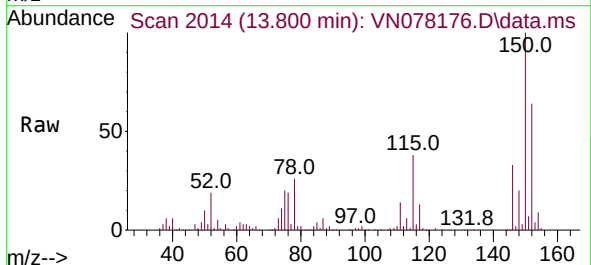
Instrument :
MSVOA_N
ClientSampleId :

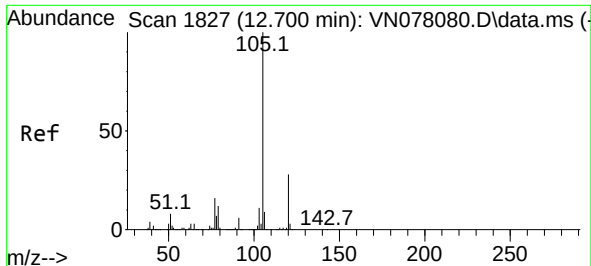
Tgt Ion:173 Resp: 167303
Ion Ratio Lower Upper
173 100
175 49.3 24.3 73.0
254 0.0 0.0 0.0



#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

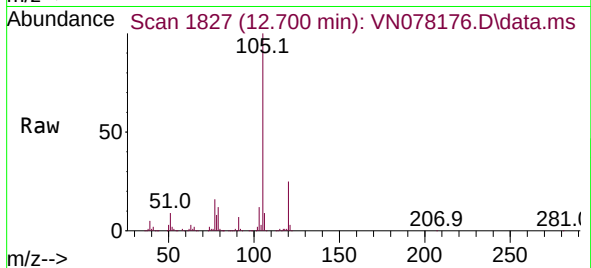
Tgt Ion:152 Resp: 267369
Ion Ratio Lower Upper
152 100
115 61.8 32.3 96.8
150 173.0 0.0 355.8



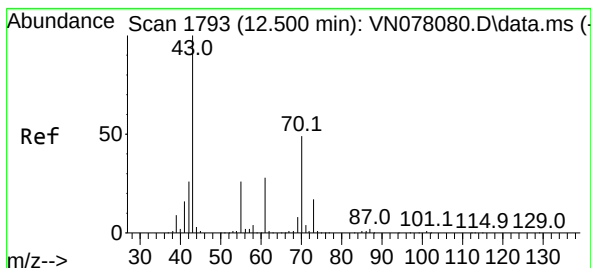
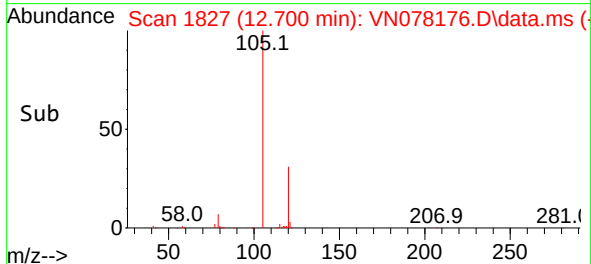
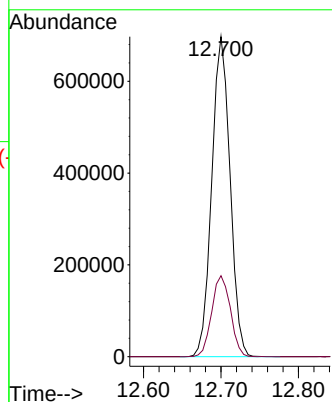


#73
Isopropylbenzene
Concen: 45.228 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

Instrument :
MSVOA_N
ClientSampleId :

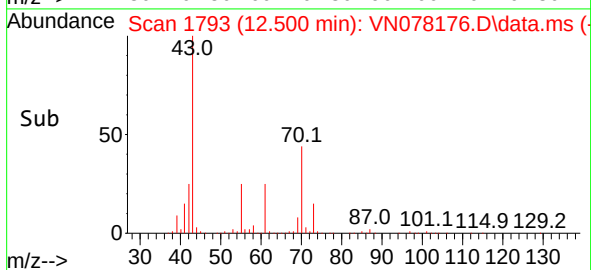
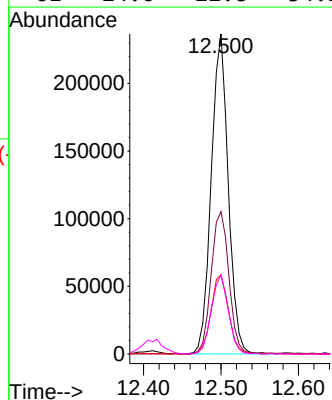
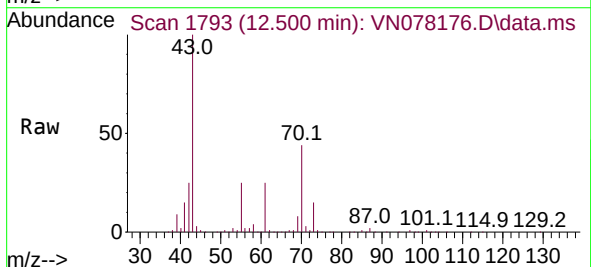


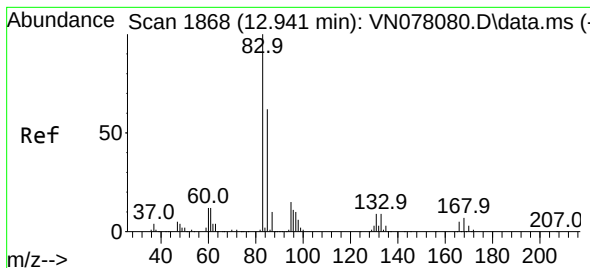
Tgt Ion:105 Resp: 1143515
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.1



#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 :

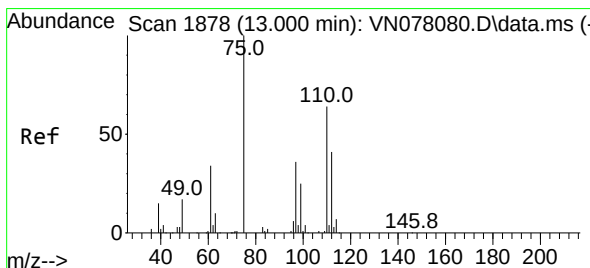
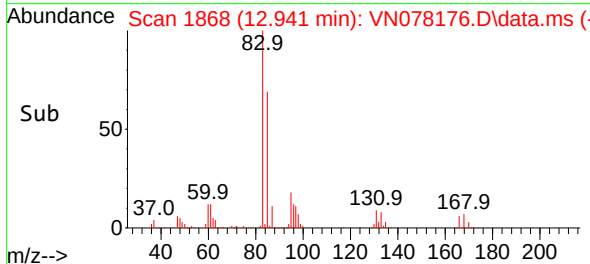
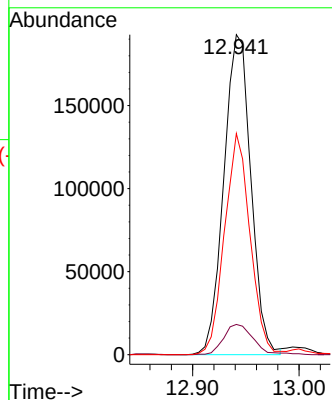
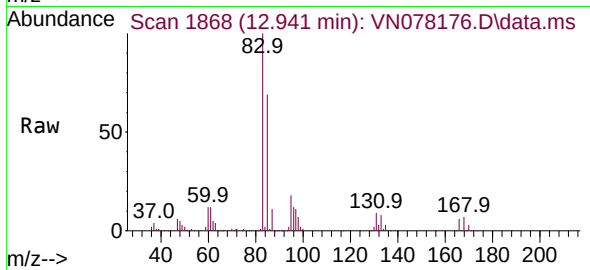
Tgt Ion: 83 Resp: 340681

Ion Ratio Lower Upper

83 100

131 10.4 5.0 15.0

85 65.3 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 64.878 ug/l

RT: 13.000 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN078176.D

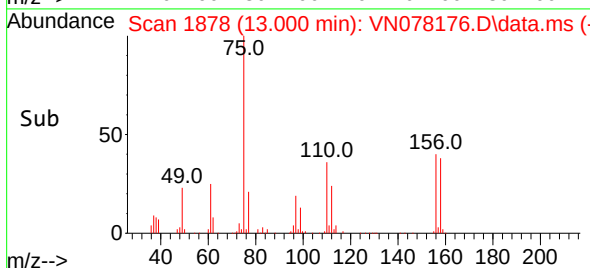
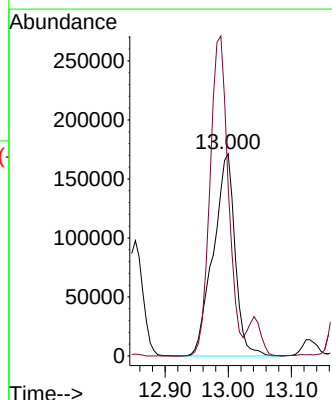
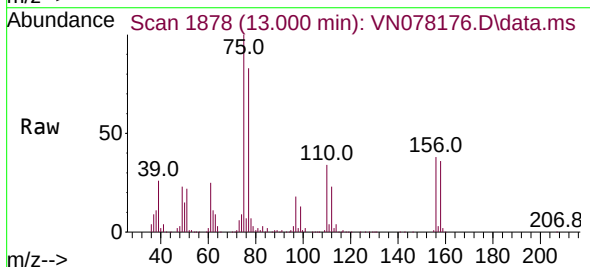
Acq: 13 Jun 2023 09:52

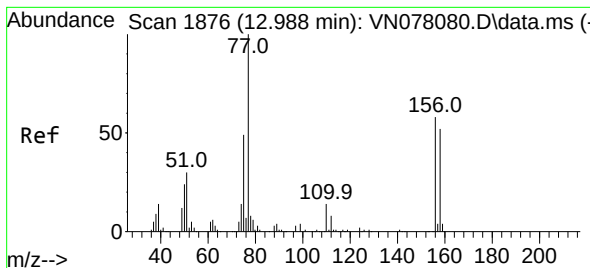
Tgt Ion: 75 Resp: 410075

Ion Ratio Lower Upper

75 100

77 133.1 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 :

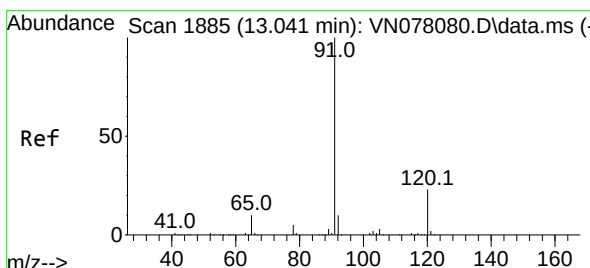
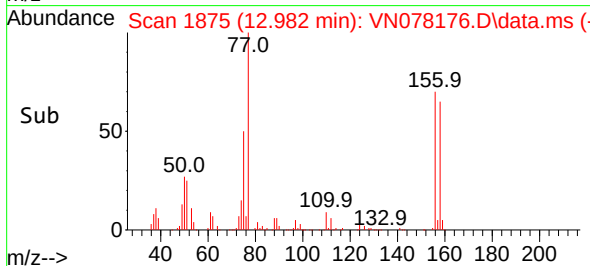
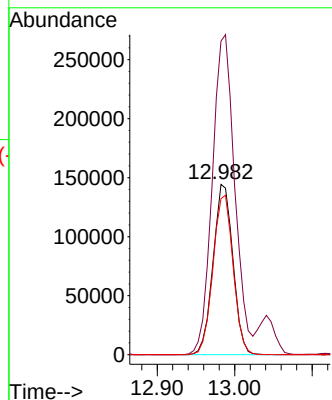
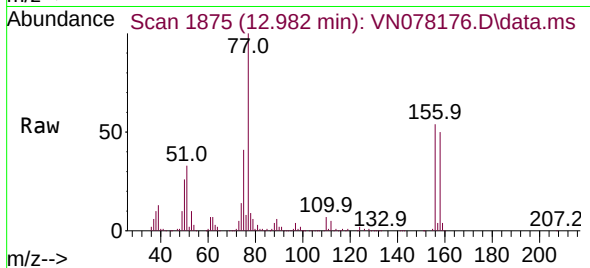
Tgt Ion:156 Resp: 256730

Ion Ratio Lower Upper

156 100

77 212.6 107.7 323.3

158 94.6 48.4 145.3



#78

n-propylbenzene

Concen: 48.088 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN078176.D

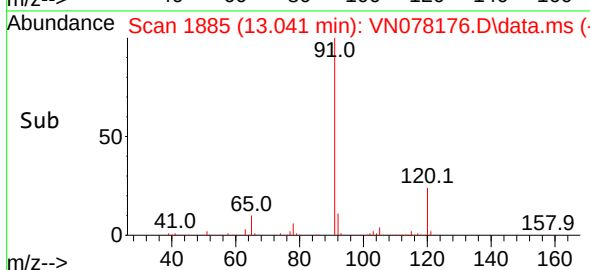
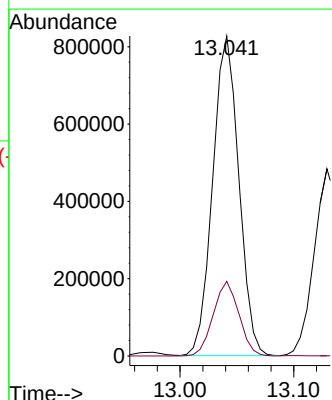
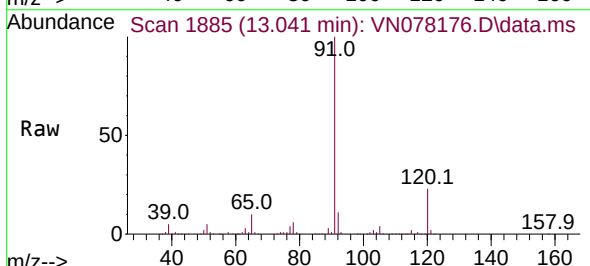
Acq: 13 Jun 2023 09:52

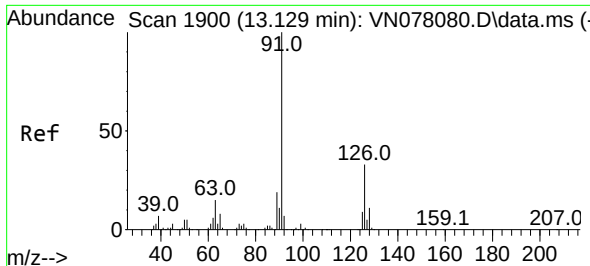
Tgt Ion: 91 Resp: 1320961

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4

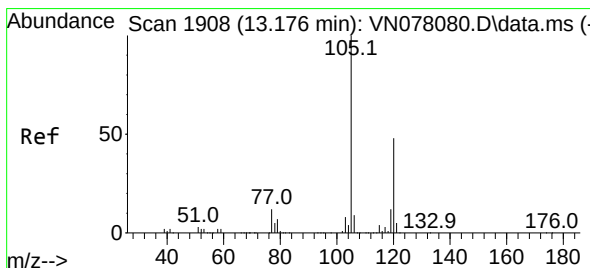
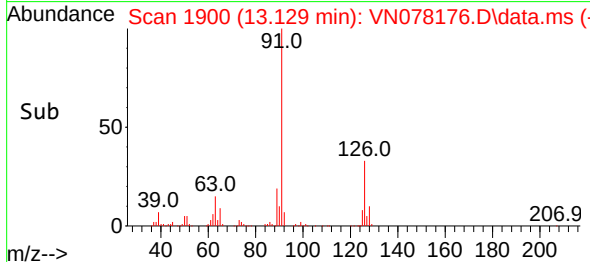
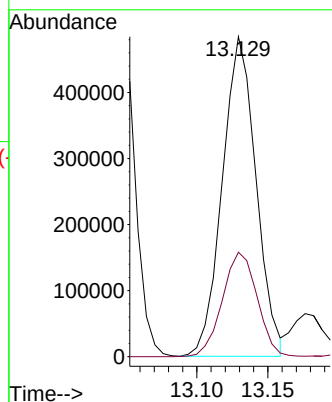
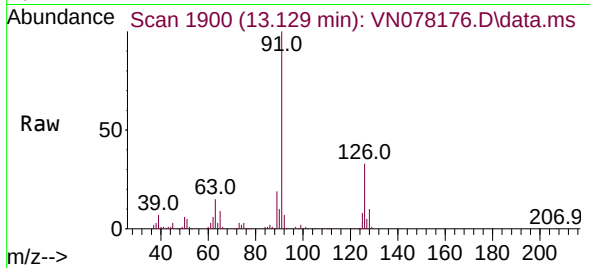




#79
2-Chlorotoluene
Concen: 45.002 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

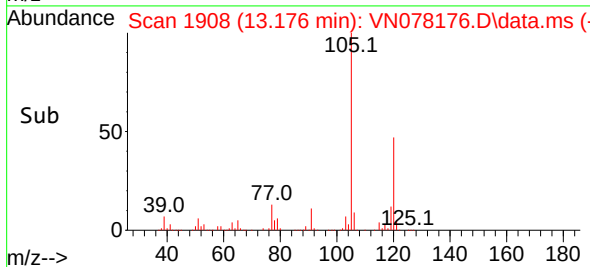
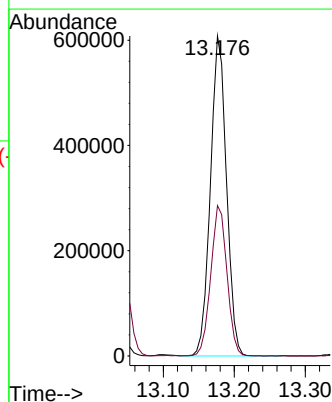
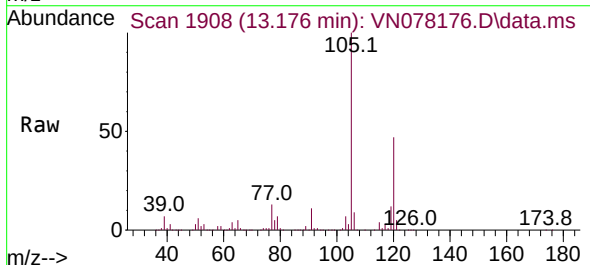
Instrument :
MSVOA_N
ClientSampleId :

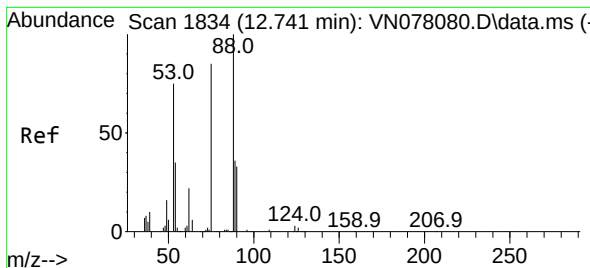
Tgt Ion: 91 Resp: 797957
Ion Ratio Lower Upper
91 100
126 33.7 16.3 48.8



#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

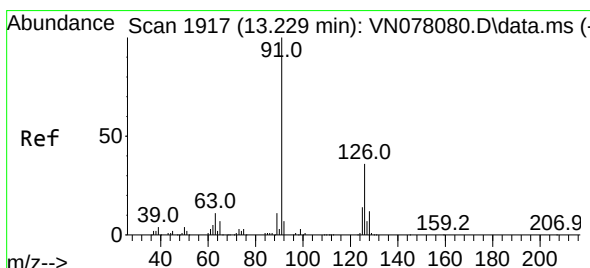
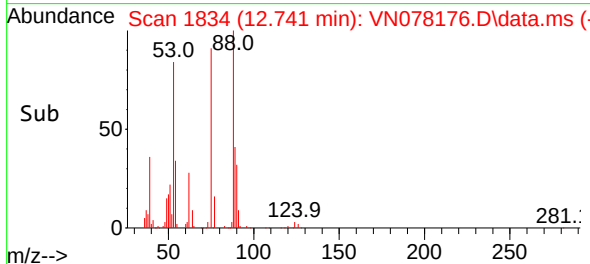
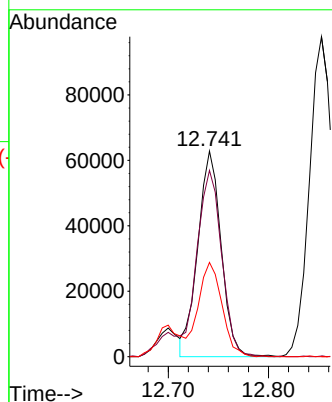
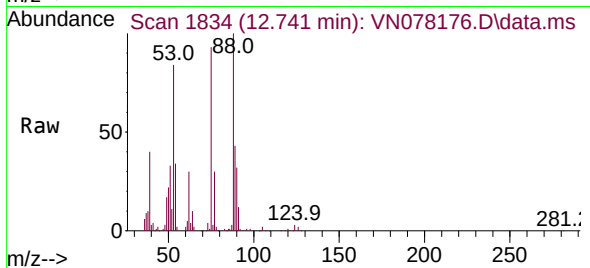




#81
 trans-1,4-Dichloro-2-butene
 Concen: 49.536 ug/l
 RT: 12.741 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN078176.D
 Acq: 13 Jun 2023 09:52

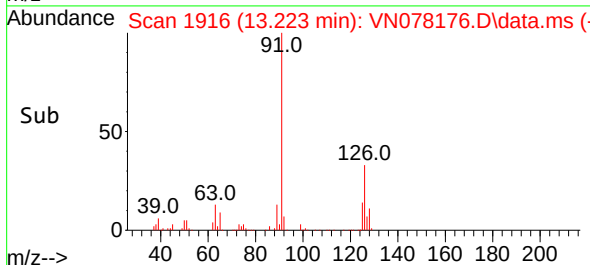
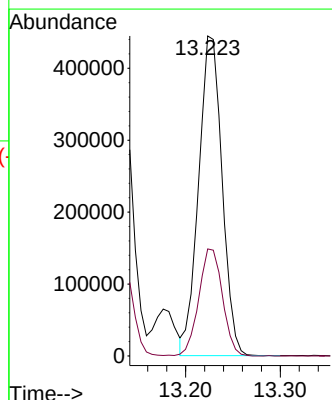
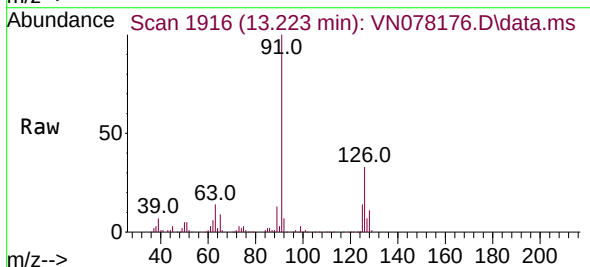
Instrument :
 MSVOA_N
 ClientSampleId :

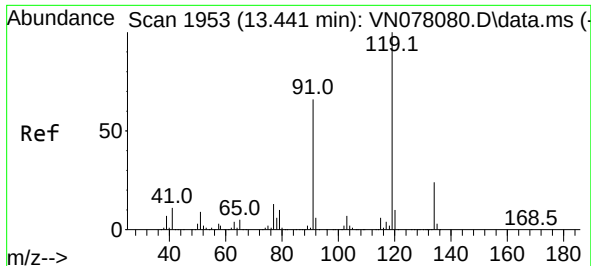
Tgt Ion: 75 Resp: 101911
 Ion Ratio Lower Upper
 75 100
 53 97.5 67.4 101.2
 89 46.0 38.8 58.2



#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

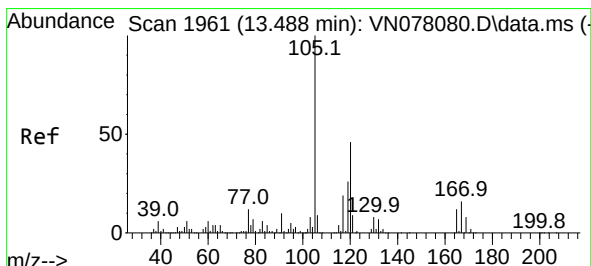
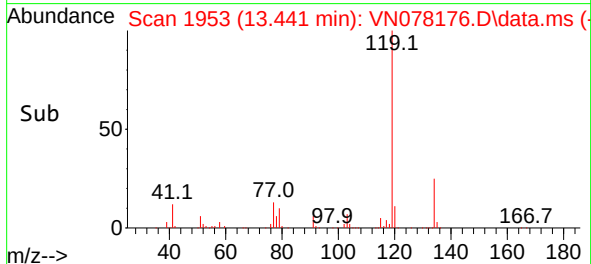
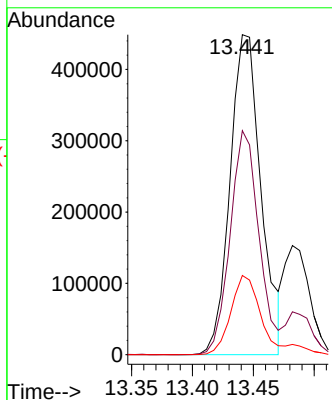
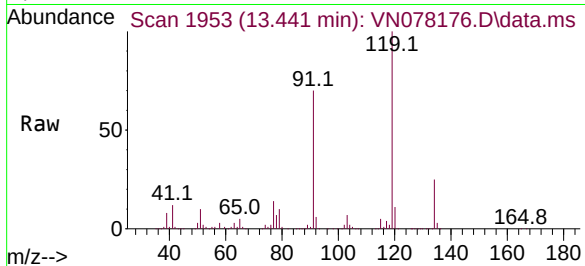




#83
tert-Butylbenzene
Concen: 44.793 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078176.D
Acq: 13 Jun 2023 09:52

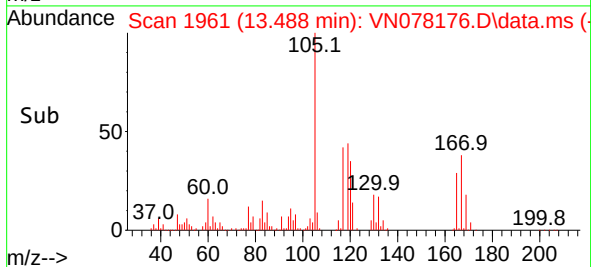
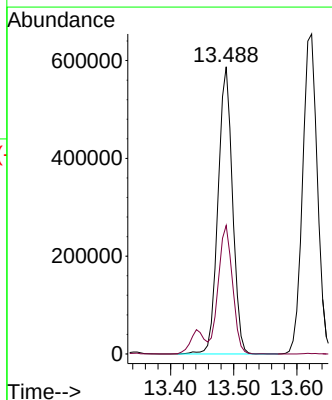
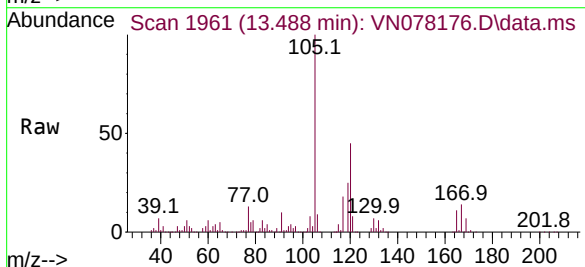
Instrument :
MSVOA_N
ClientSampleId :

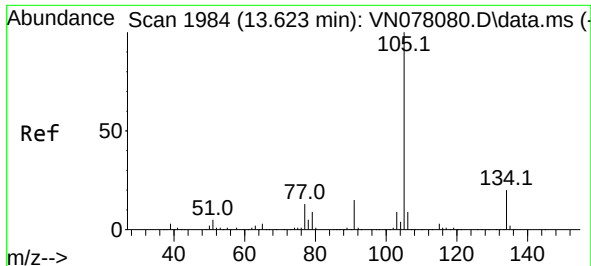
Tgt Ion:119 Resp: 797022
Ion Ratio Lower Upper
119 100
91 65.1 33.9 101.7
134 25.5 13.2 39.6



#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

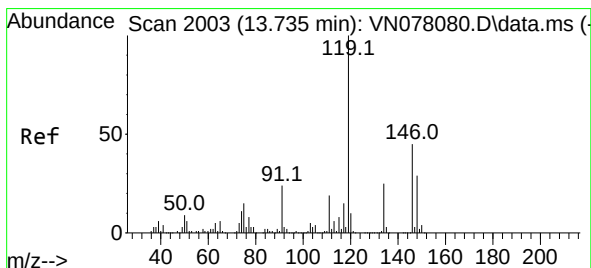
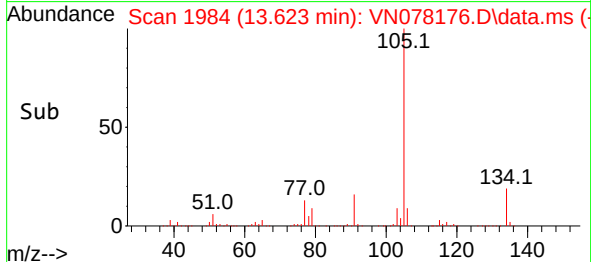
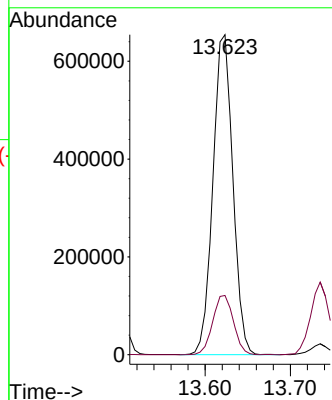
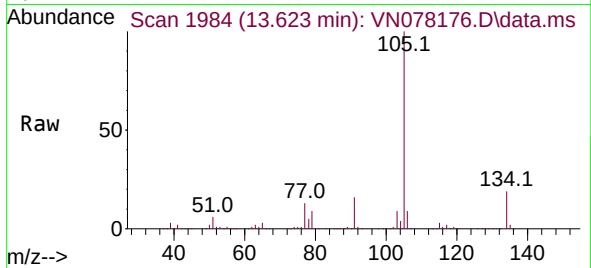




#85
 sec-Butylbenzene
 Concen: 45.599 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078176.D
 Acq: 13 Jun 2023 09:52

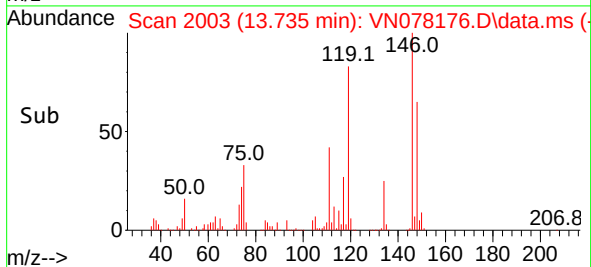
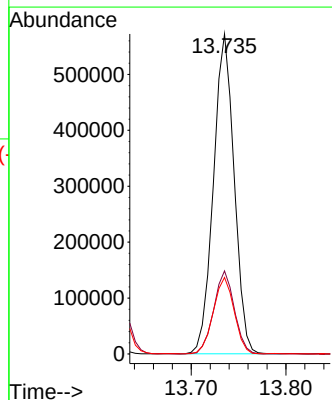
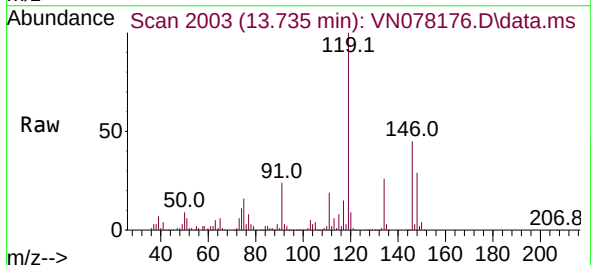
Instrument :
 MSVOA_N
 ClientSampleId :

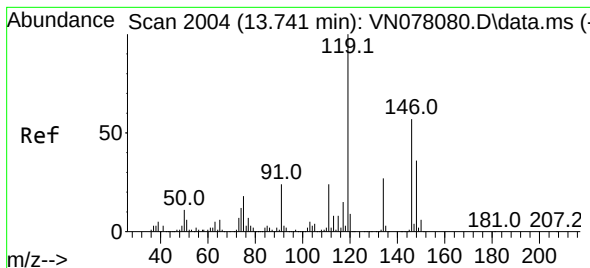
Tgt Ion:105 Resp: 1061963
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.3



#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 :

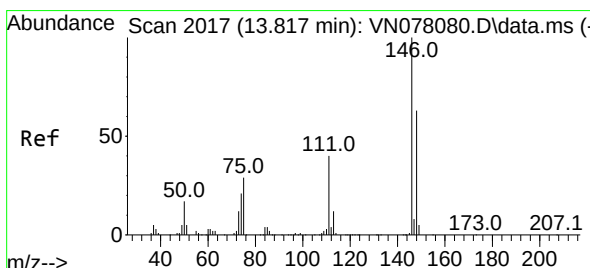
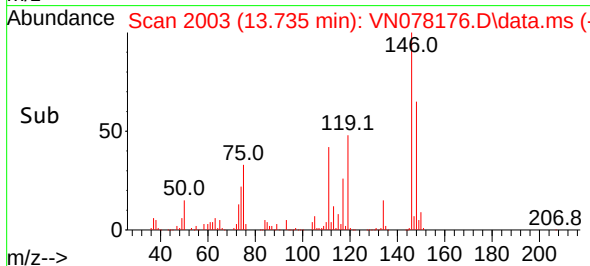
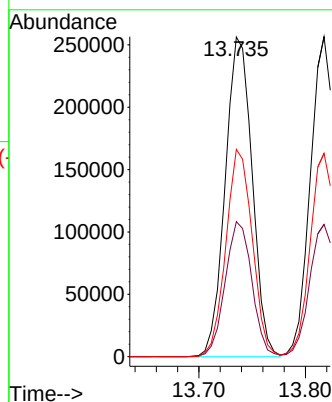
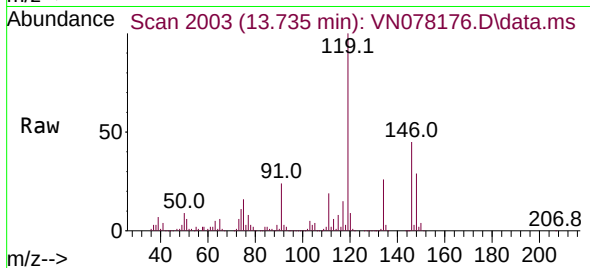
Tgt Ion:146 Resp: 449650

Ion Ratio Lower Upper

146 100

111 42.0 22.1 66.3

148 63.7 32.0 96.0



#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

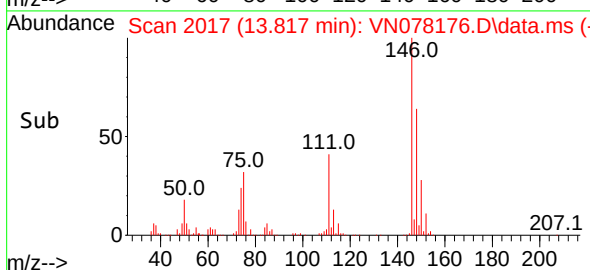
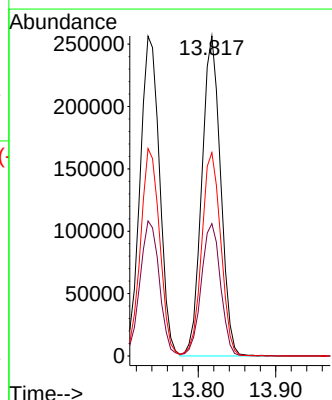
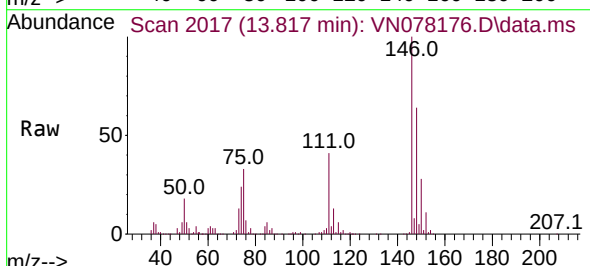
Tgt Ion:146 Resp: 431965

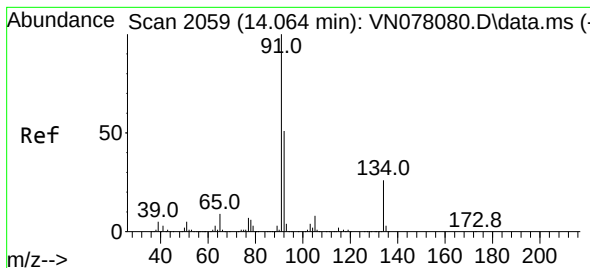
Ion Ratio Lower Upper

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 :

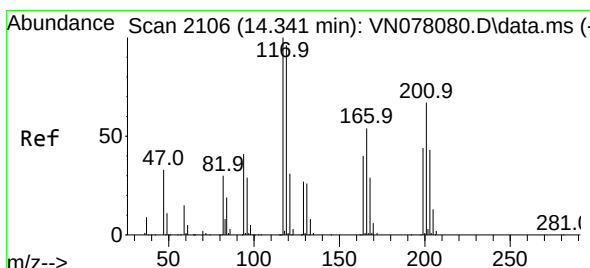
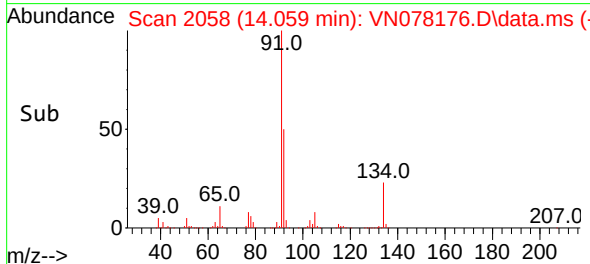
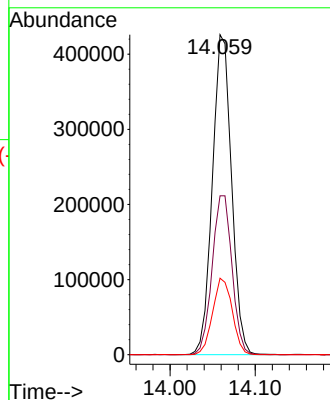
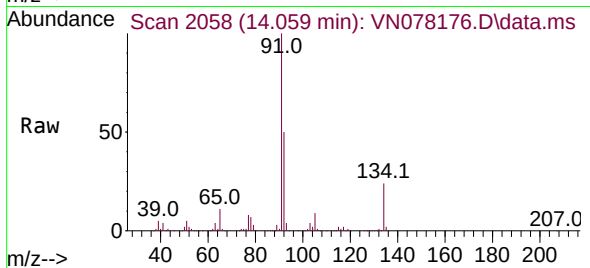
Tgt Ion: 91 Resp: 665262

Ion Ratio Lower Upper

91 100

92 51.6 26.4 79.0

134 24.5 12.6 37.6



#90

Hexachloroethane

Concen: 49.391 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. -0.000 min

Lab File: VN078176.D

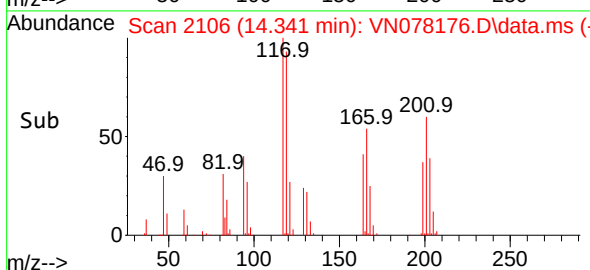
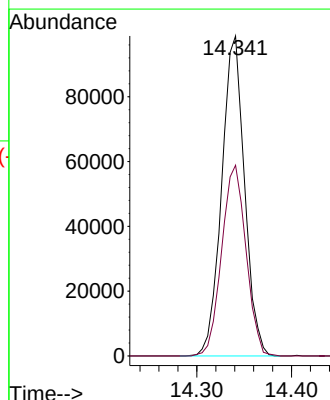
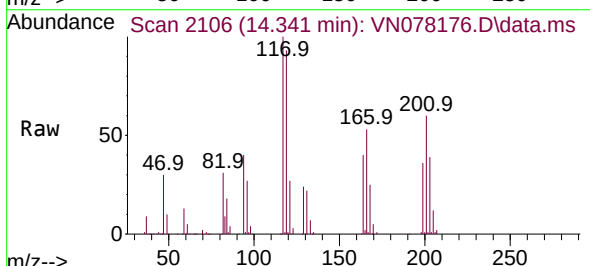
Acq: 13 Jun 2023 09:52

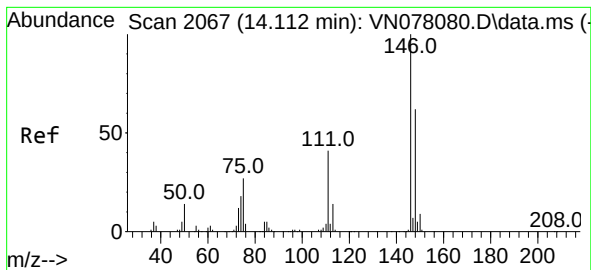
Tgt Ion: 117 Resp: 165655

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 :

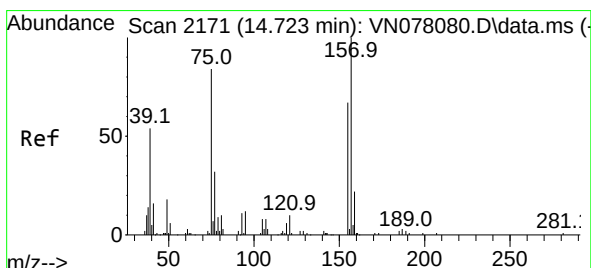
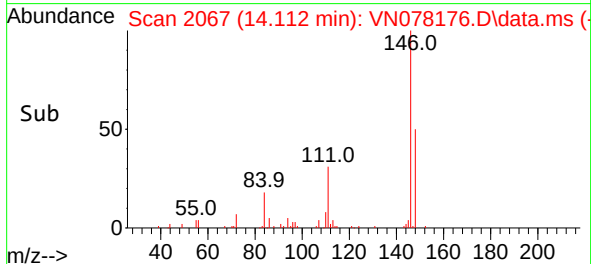
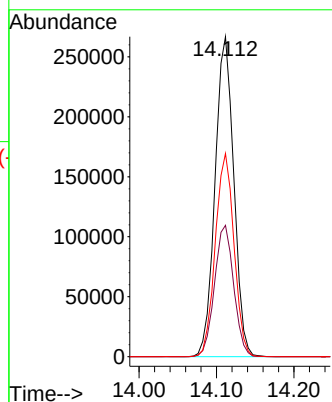
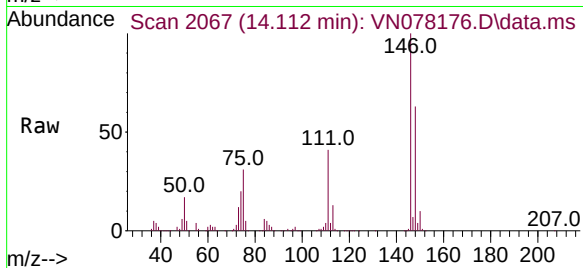
Tgt Ion:146 Resp: 447888

Ion Ratio Lower Upper

146 100

111 42.0 22.0 66.0

148 63.3 31.8 95.3



#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

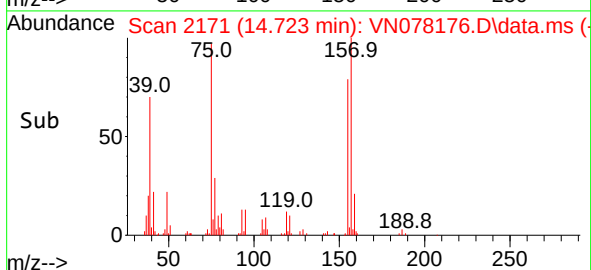
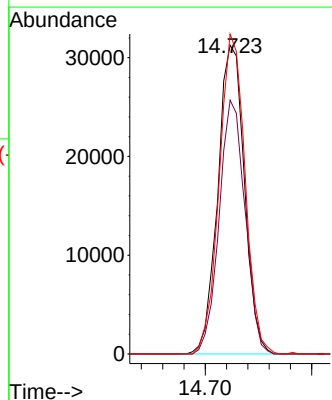
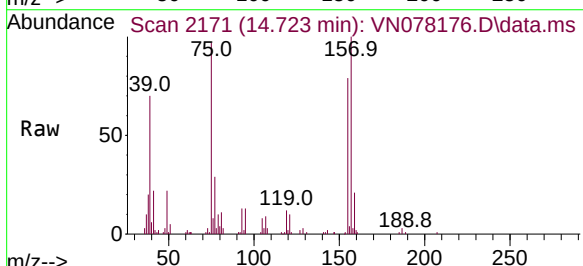
Tgt Ion: 75 Resp: 53939

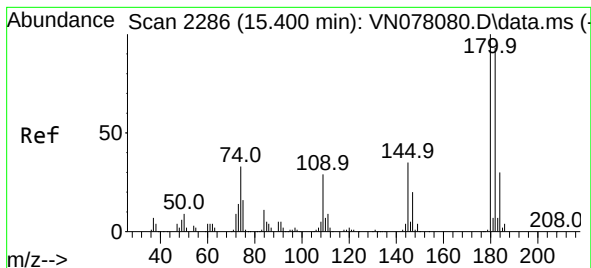
Ion Ratio Lower Upper

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# 21

Delta R.T. -0.006 min

Lab File: VN078176.D

Acq: 13 Jun 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

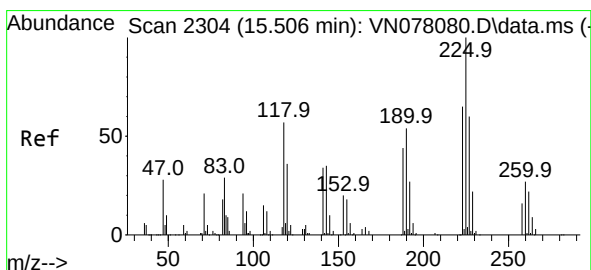
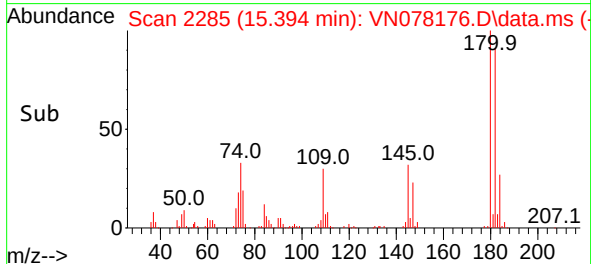
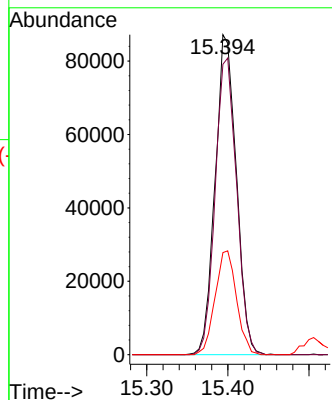
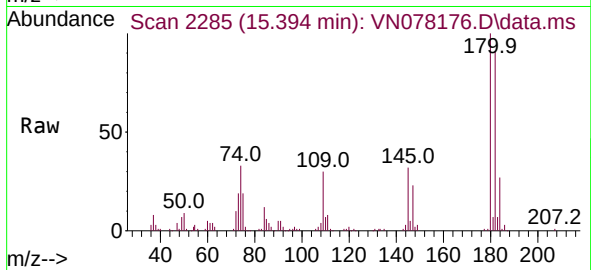
Tgt Ion:180 Resp: 158276

Ion Ratio Lower Upper

180 100

182 93.6 46.1 138.2

145 32.8 16.6 49.8



#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

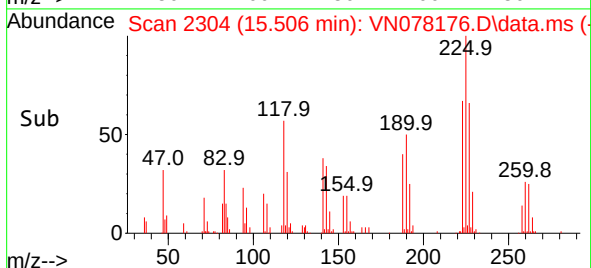
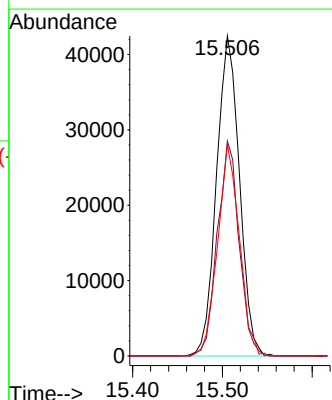
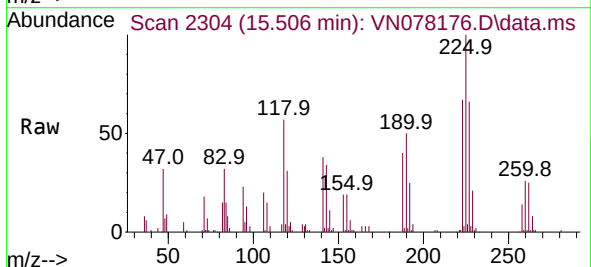
Tgt Ion:225 Resp: 75284

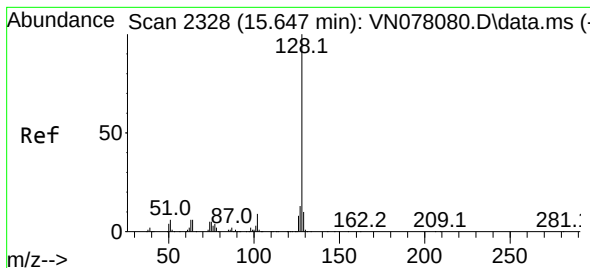
Ion Ratio Lower Upper

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# 21

Delta R.T. 0.000 min

Lab File: VN078176.D

Acq: 13 Jun 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

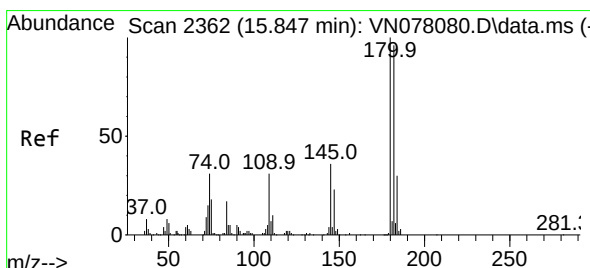
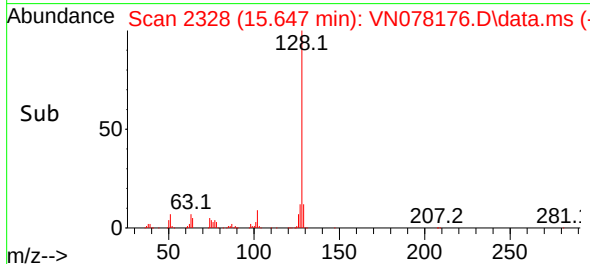
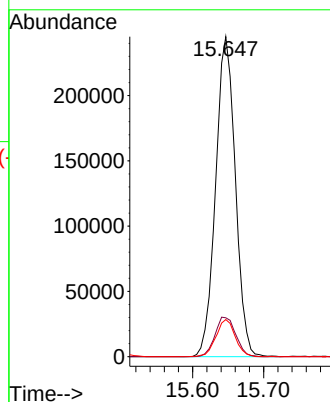
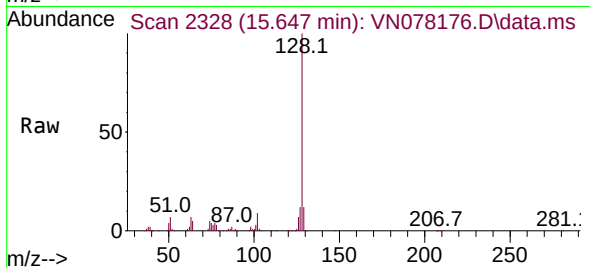
Tgt Ion:128 Resp: 470834

Ion Ratio Lower Upper

128 100

127 13.1 10.0 15.0

129 11.4 8.7 13.1



#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

