

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061923\
 Data File : VN078275.D
 Acq On : 19 Jun 2023 13:23
 Operator : JC\MD
 Sample : 03241-01
 Misc : 1.13g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30852

Quant Time: Jun 19 16:03:16 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	8.230	168	332962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	600896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	555359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	250244	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	235904	53.139	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.280%	
35) Dibromofluoromethane	8.177	113	200397	52.745	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.480%	
50) Toluene-d8	10.571	98	754277	51.497	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.000%	
62) 4-Bromofluorobenzene	12.853	95	266343	58.493	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 116.980%	

Target Compounds				Qvalue		
3) Chloromethane	2.371	50	1425	Below Cal	#	71
5) Bromomethane	2.936	94	1008	0.271	ug/l #	22
6) Chloroethane	3.130	64	778	0.232	ug/l #	84
10) Methyl Iodide	4.577	142	1181	0.237	ug/l #	87
11) Tert butyl alcohol	5.530	59	438	0.715	ug/l #	72
13) Acrolein	4.165	56	212	0.314	ug/l #	16
15) Acrylonitrile	5.730	53	442	0.280	ug/l #	87
16) Acetone	4.453	43	43137	33.758	ug/l	96
17) Carbon Disulfide	4.689	76	2389	0.255	ug/l #	75
18) Methyl Acetate	5.053	43	5240	0.891	ug/l #	64
20) Methylene Chloride	5.265	84	2457	0.582	ug/l #	69
25) 2-Butanone	7.524	43	1846	0.939	ug/l #	37
31) Cyclohexane	8.224	56	8701	1.528	ug/l #	41
36) 1,1-Dichloropropene	8.230	75	28352	5.202	ug/l #	48
38) Carbon Tetrachloride	8.224	117	36150	6.282	ug/l #	14
43) Isopropyl Acetate	8.700	43	3111	0.382	ug/l #	49
51) 4-Methyl-2-Pentanone	10.459	43	3892	0.908	ug/l #	66
52) Toluene	10.635	92	2856	0.278	ug/l #	72
59) 2-Hexanone	11.200	43	4050	1.357	ug/l	82
64) Tetrachloroethene	11.118	164	1034	0.279	ug/l #	62
67) Ethyl Benzene	11.971	91	10702	0.521	ug/l #	86
68) m/p-Xylenes	12.076	106	18680	2.388	ug/l	97
69) o-Xylene	12.406	106	132127	17.204	ug/l	98
70) Styrene	12.400	104	9545	0.789	ug/l #	1
73) Isopropylbenzene	12.700	105	322898	13.645	ug/l	97
74) N-amyl acetate	12.494	43	5175	0.664	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.929	83	477	Below Cal	#	26
76) 1,2,3-Trichloropropane	13.047	75	10533	1.780	ug/l #	1
77) Bromobenzene	12.982	156	1276	0.232	ug/l #	1
78) n-propylbenzene	13.041	91	1750376	68.081	ug/l	99
79) 2-Chlorotoluene	13.100	91	626283	37.737	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.176	105	2203719	115.024	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.706	75	5355	2.781	ug/l #	1
82) 4-Chlorotoluene	13.176	91	240804	15.547	ug/l #	41
83) tert-Butylbenzene	13.488	119	780812	46.885	ug/l #	63
84) 1,2,4-Trimethylbenzene	13.488	105	6319401	340.216	ug/l	98

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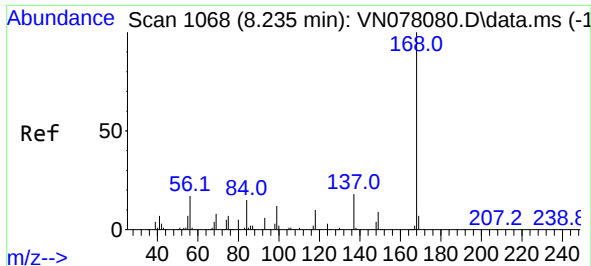
Instrument :
 MSVOA_N
 ClientSampleId :
 30852

Quant Time: Jun 19 16:03:16 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)

85) sec-Butylbenzene	13.488	105	6319401	289.912	ug/l #	57
86) p-Isopropyltoluene	13.735	119	753483	42.597	ug/l	88
87) 1,3-Dichlorobenzene	13.741	146	3244	0.349	ug/l #	64
88) 1,4-Dichlorobenzene	13.812	146	4386	0.489	ug/l #	1
89) n-Butylbenzene	14.059	91	82591	5.920	ug/l #	76
90) Hexachloroethane	14.335	117	36476	11.620	ug/l #	22
91) 1,2-Dichlorobenzene	14.112	146	3253	0.358	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.700	75	1345	1.147	ug/l #	4
93) 1,2,4-Trichlorobenzene	15.400	180	5943	1.837	ug/l #	35
94) Hexachlorobutadiene	15.506	225	2973	Below Cal		98
95) Naphthalene	15.641	128	25408	2.334	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.853	180	7160	1.979	ug/l #	81

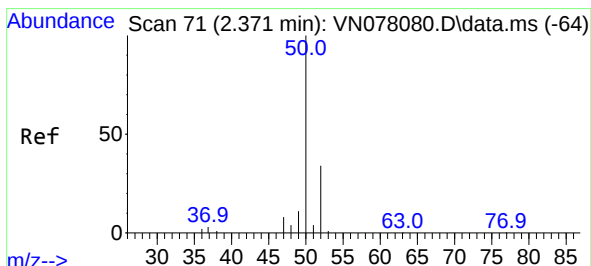
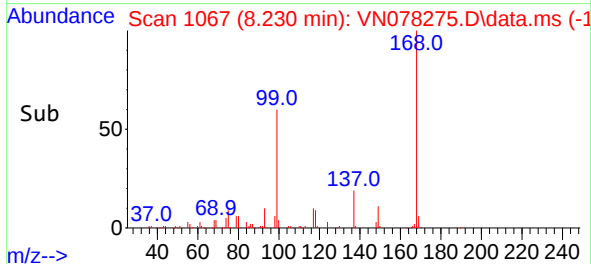
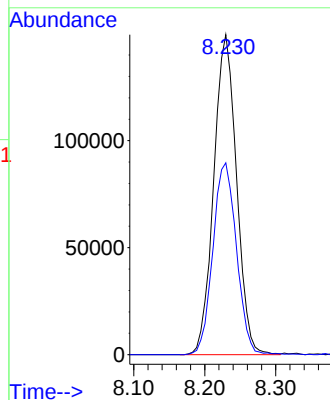
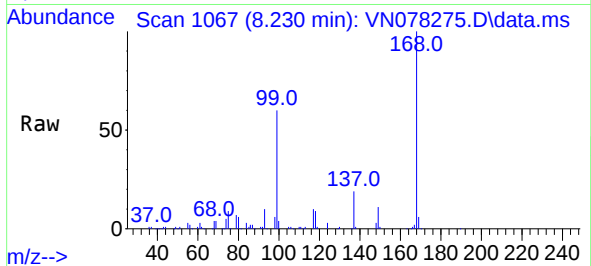
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

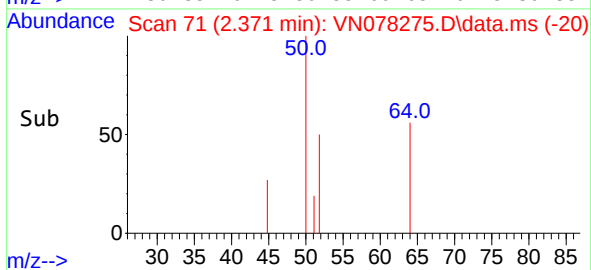
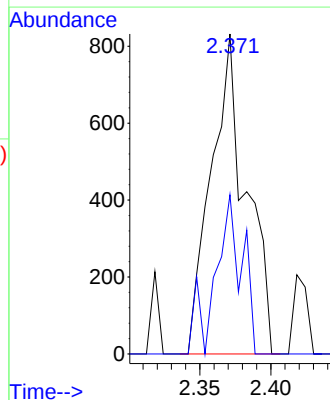
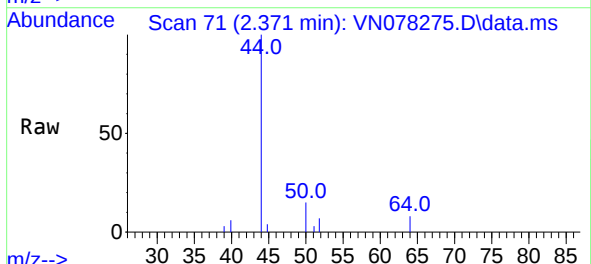
Instrument :
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30852

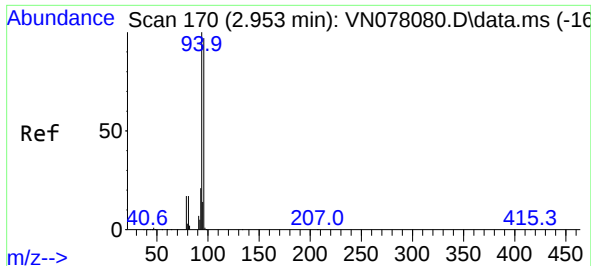
Tgt Ion:168 Resp: 332962
Ion Ratio Lower Upper
168 100
99 60.0 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

Tgt Ion: 50 Resp: 1425
Ion Ratio Lower Upper
50 100
52 49.8 26.5 39.7#

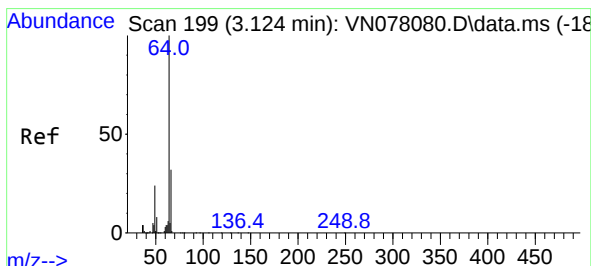
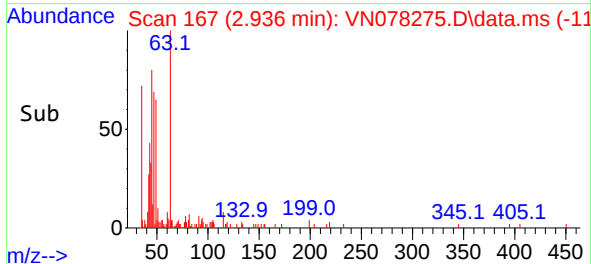
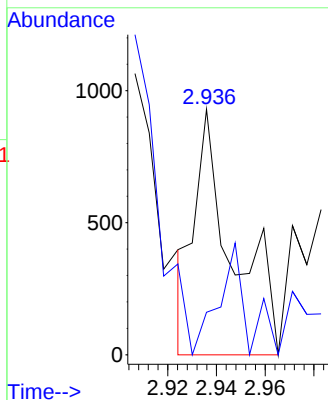
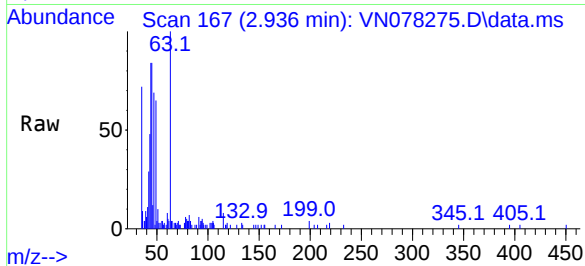




#5
Bromomethane
Concen: 0.271 ug/l
RT: 2.936 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

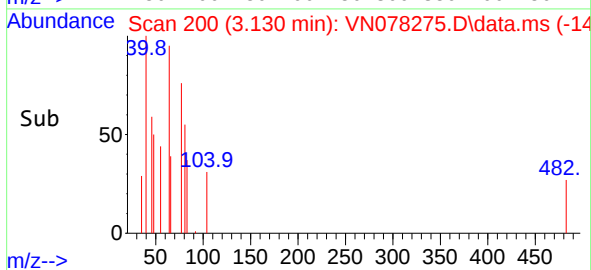
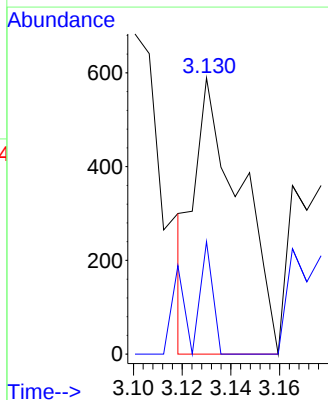
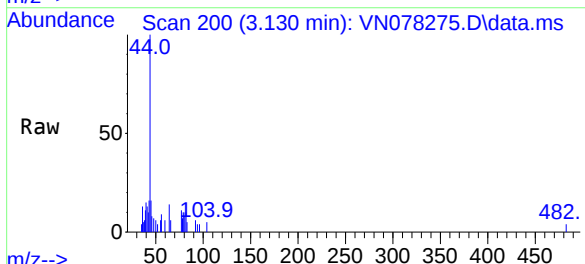
Instrument :
MSVOA_N
ClientSampleId :
30852

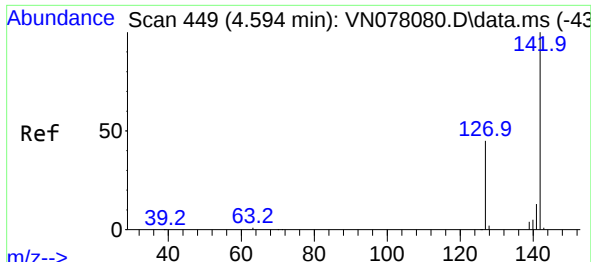
Tgt Ion: 94 Resp: 1008
Ion Ratio Lower Upper
94 100
96 17.3 73.1 109.7#



#6
Chloroethane
Concen: 0.232 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

Tgt Ion: 64 Resp: 778
Ion Ratio Lower Upper
64 100
66 40.7 25.4 38.2#

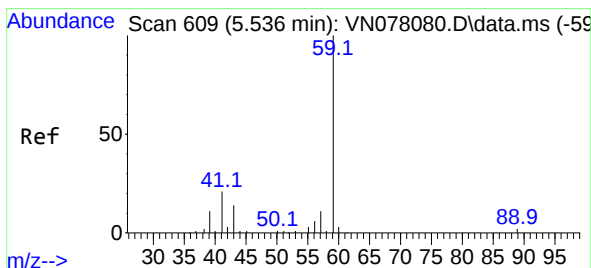
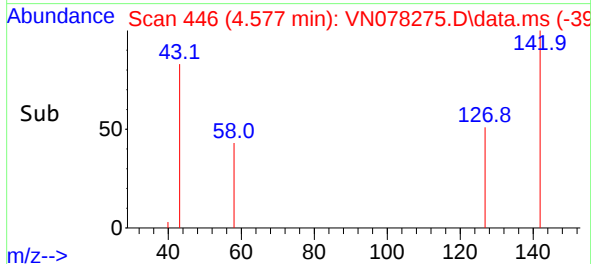
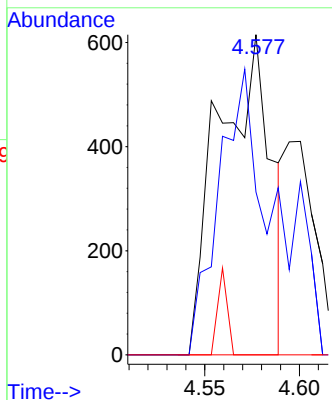
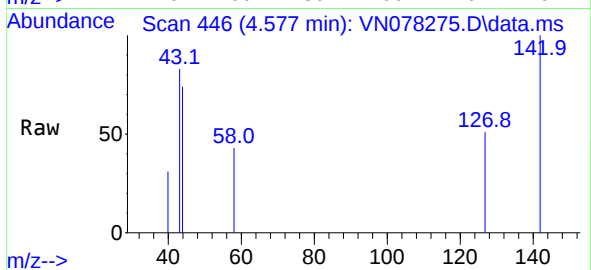




#10
Methyl Iodide
Concen: 0.237 ug/l
RT: 4.577 min Scan# 44
Delta R.T. -0.018 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

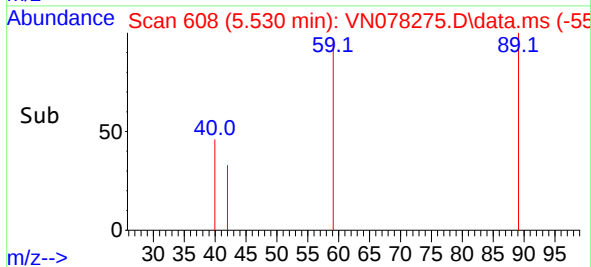
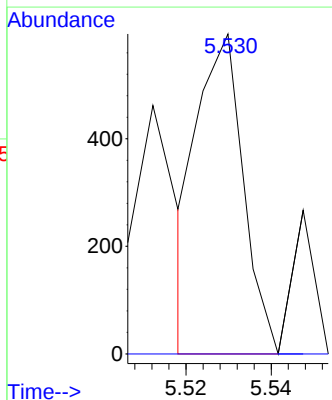
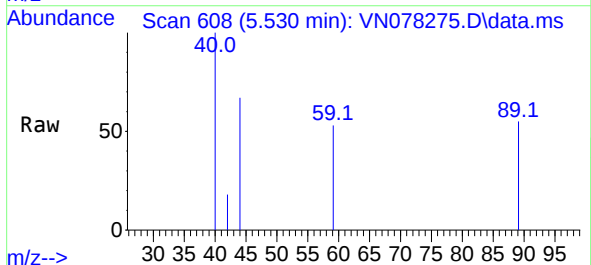
Instrument :
MSVOA_N
ClientSampleId :
30852

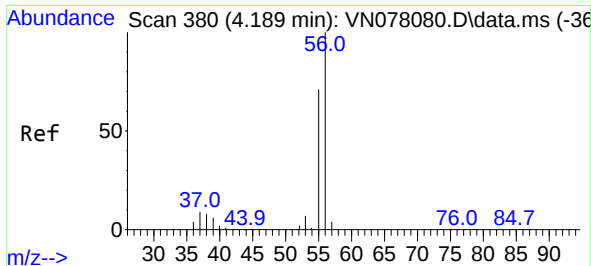
Tgt Ion:142 Resp: 1181
Ion Ratio Lower Upper
142 100
127 50.9 37.6 56.4
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.715 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

Tgt Ion: 59 Resp: 438
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

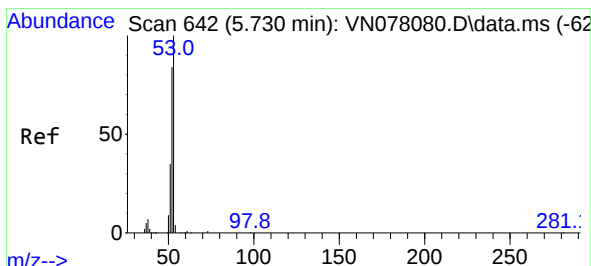
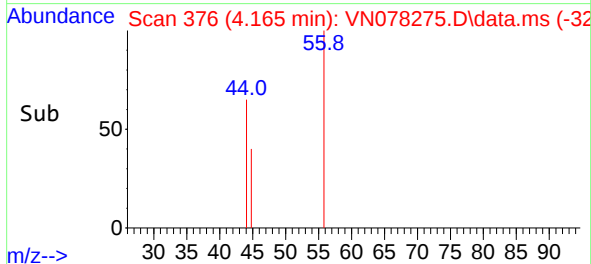
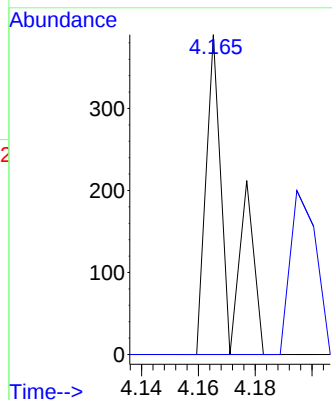
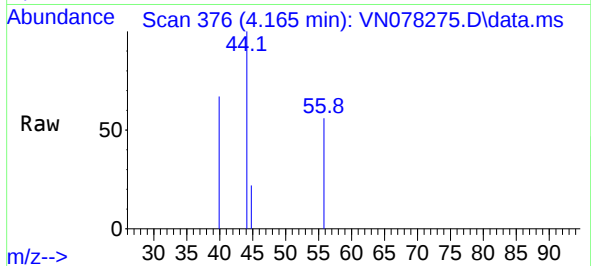




#13
Acrolein
Concen: 0.314 ug/l
RT: 4.165 min Scan# 31
Delta R.T. -0.023 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

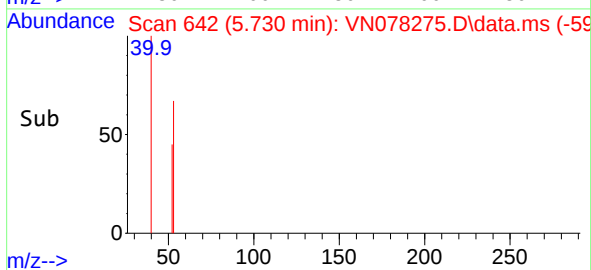
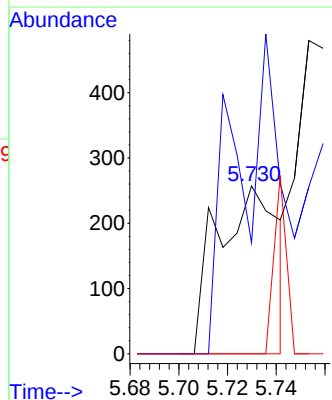
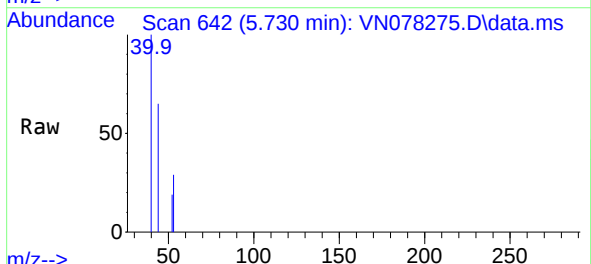
Instrument :
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ClientSampleId :
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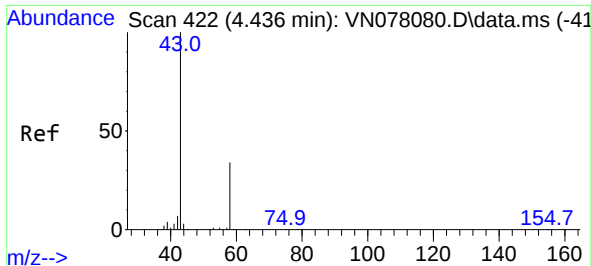
Tgt Ion: 56 Resp: 212
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#



#15
Acrylonitrile
Concen: 0.280 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.000 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

Tgt Ion: 53 Resp: 442
Ion Ratio Lower Upper
53 100
52 74.0 65.3 97.9
51 21.7 28.9 43.3#





#16

Acetone

Concen: 33.758 ug/l

RT: 4.453 min Scan# 431

Delta R.T. 0.018 min

Lab File: VN078275.D

Acq: 19 Jun 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

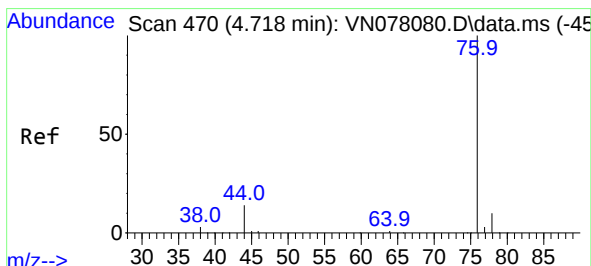
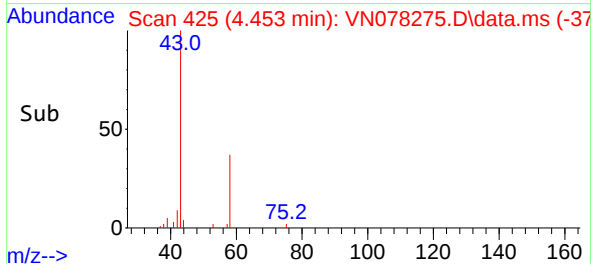
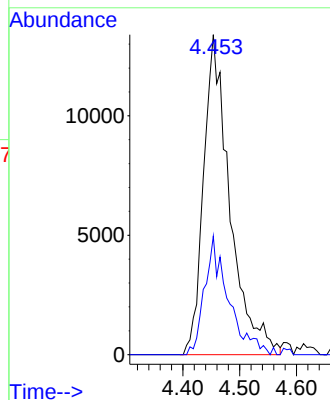
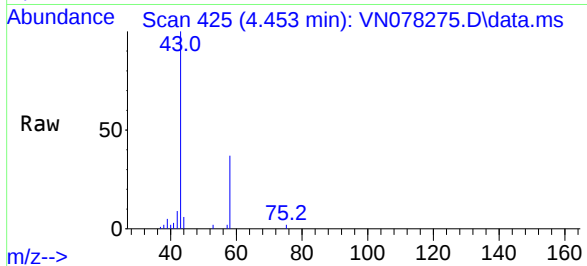
30852

Tgt Ion: 43 Resp: 43137

Ion Ratio Lower Upper

43 100

58 37.1 28.0 42.0



#17

Carbon Disulfide

Concen: 0.255 ug/l

RT: 4.689 min Scan# 465

Delta R.T. -0.029 min

Lab File: VN078275.D

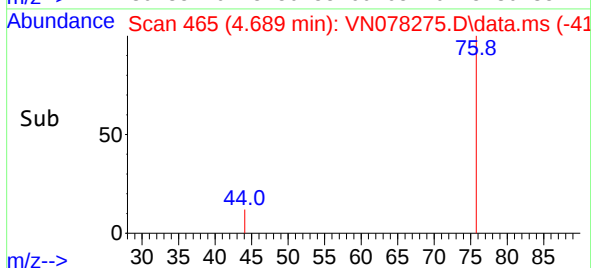
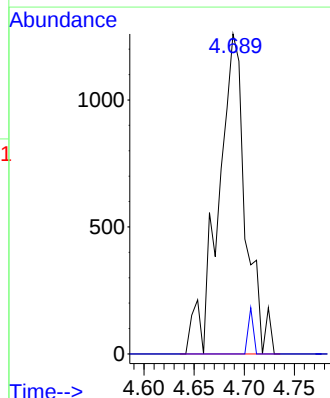
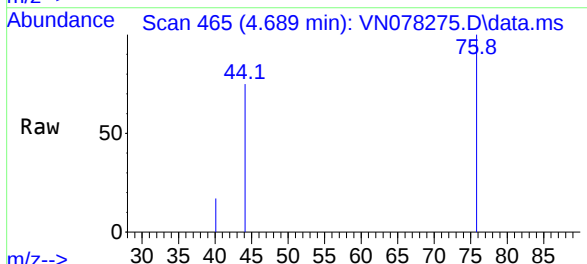
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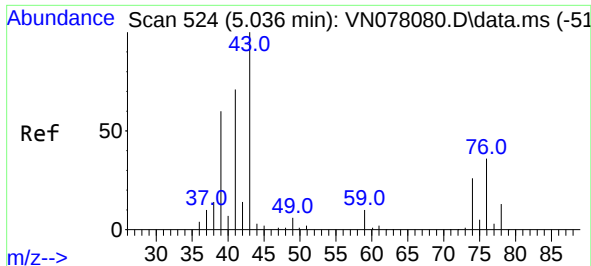
Tgt Ion: 76 Resp: 2389

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#

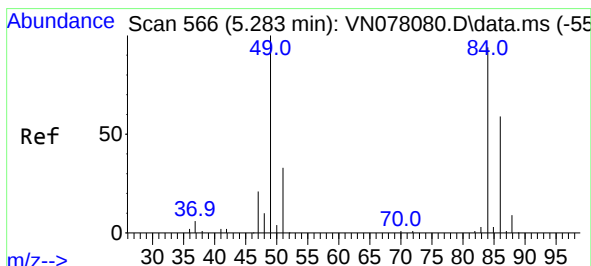
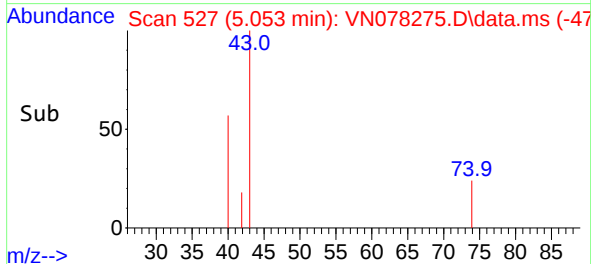
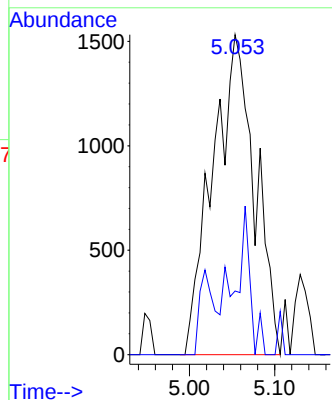
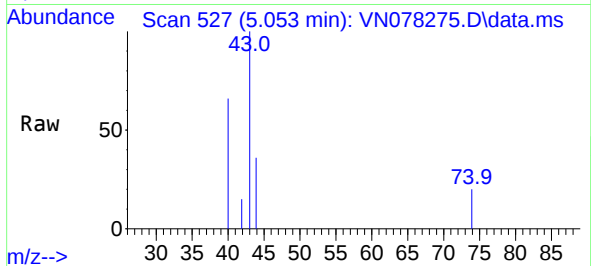




#18
Methyl Acetate
Concen: 0.891 ug/l
RT: 5.053 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

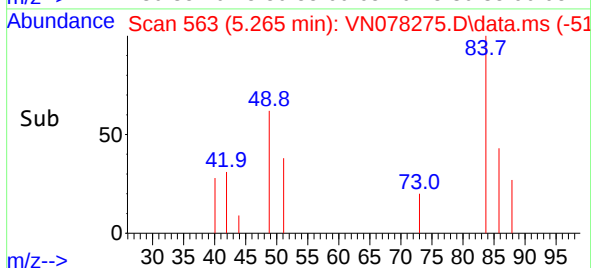
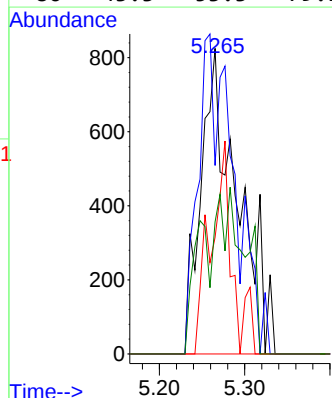
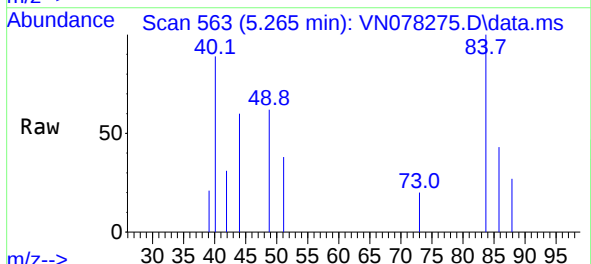
Instrument :
MSVOA_N
ClientSampleId :
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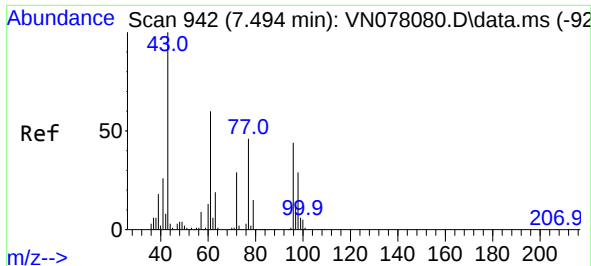
Tgt Ion: 43 Resp: 5240
Ion Ratio Lower Upper
43 100
74 12.6 26.2 39.4#



#20
Methylene Chloride
Concen: 0.582 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.018 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

Tgt Ion: 84 Resp: 2457
Ion Ratio Lower Upper
84 100
49 61.7 79.7 119.5#
51 38.2 25.2 37.8#
86 43.3 53.3 79.9#

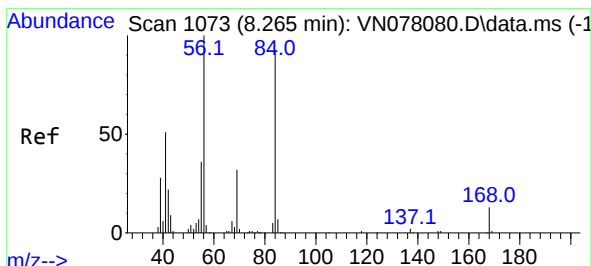
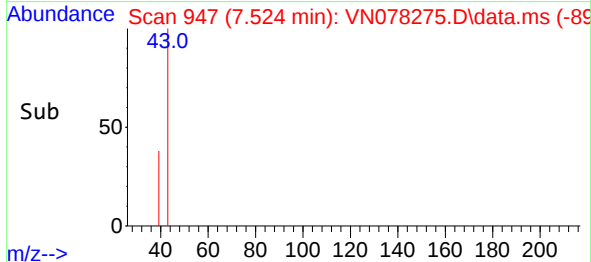
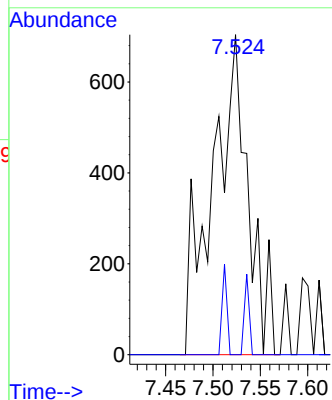
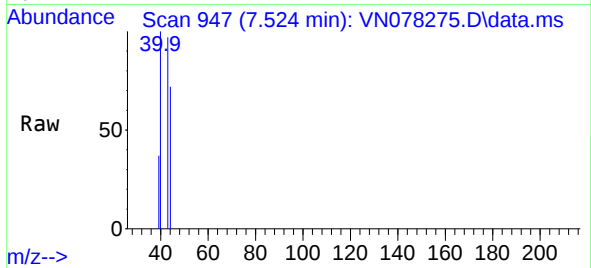




#25
2-Butanone
Concen: 0.939 ug/l
RT: 7.524 min Scan# 94
Delta R.T. 0.030 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

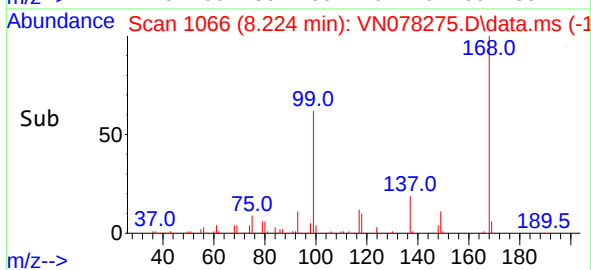
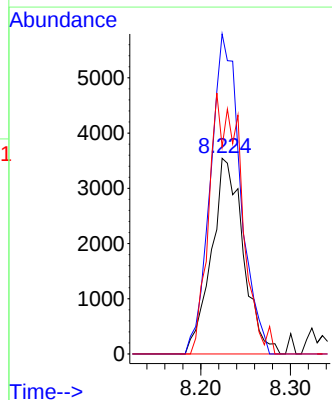
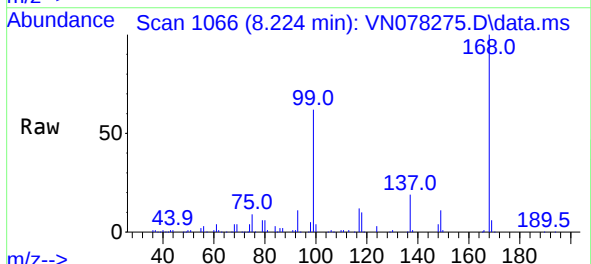
Instrument :
MSVOA_N
ClientSampleId :
30852

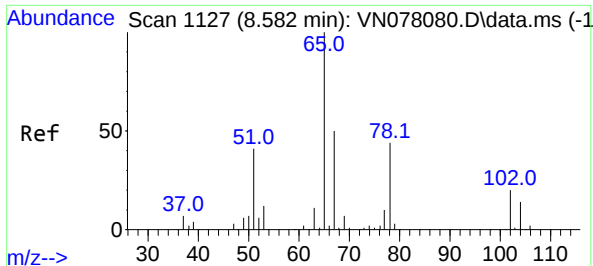
Tgt Ion: 43 Resp: 1846
Ion Ratio Lower Upper
43 100
72 0.0 30.2 45.2#



#31
Cyclohexane
Concen: 1.528 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.041 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

Tgt Ion: 56 Resp: 8701
Ion Ratio Lower Upper
56 100
69 163.5 26.8 40.2#
84 105.8 81.8 122.6

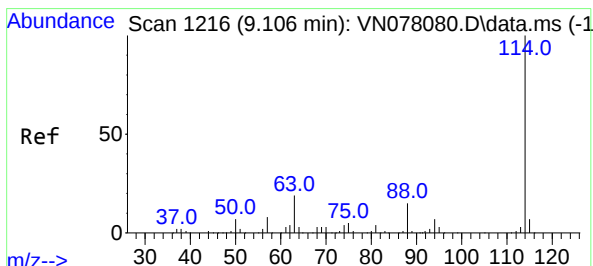
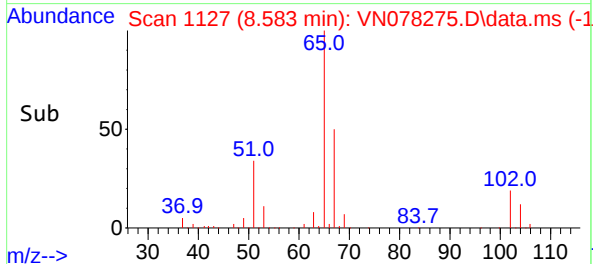
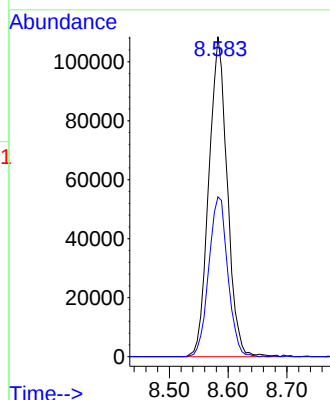
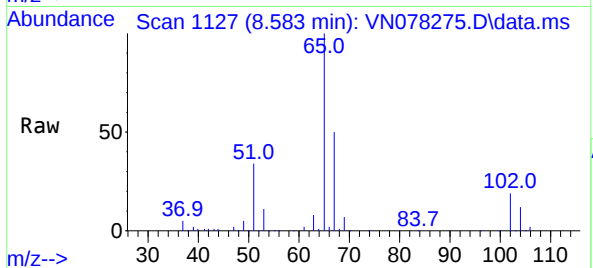




#33
1,2-Dichloroethane-d4
Concen: 53.139 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

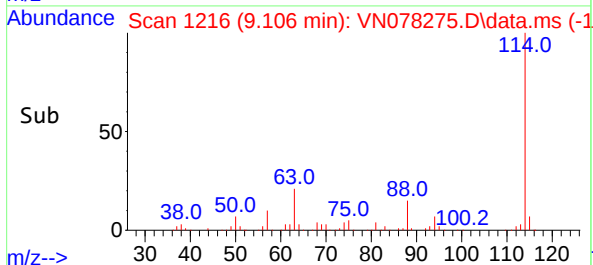
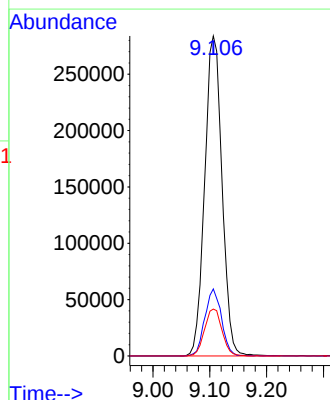
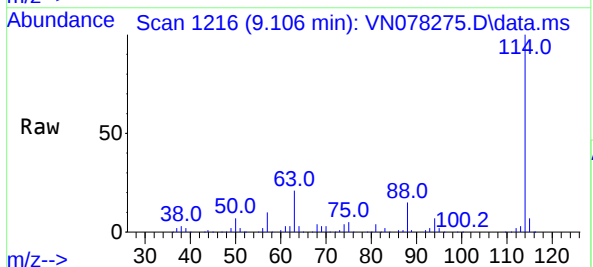
Instrument :
MSVOA_N
ClientSampleId :
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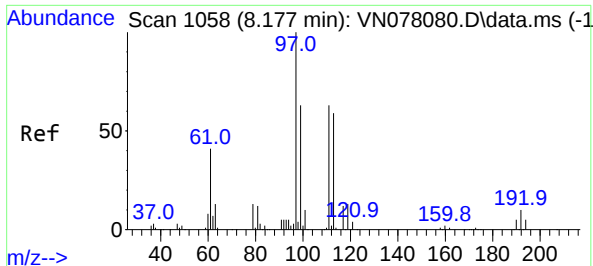
Tgt Ion: 65 Resp: 235904
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

Tgt Ion: 114 Resp: 600896
Ion Ratio Lower Upper
114 100
63 20.9 0.0 36.4
88 14.7 0.0 30.6

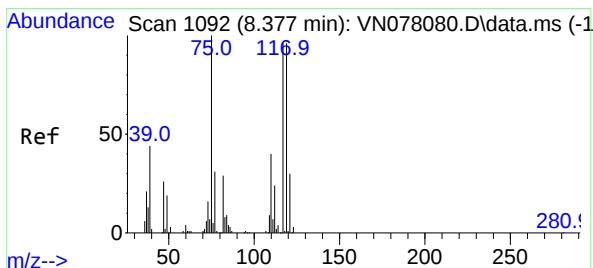
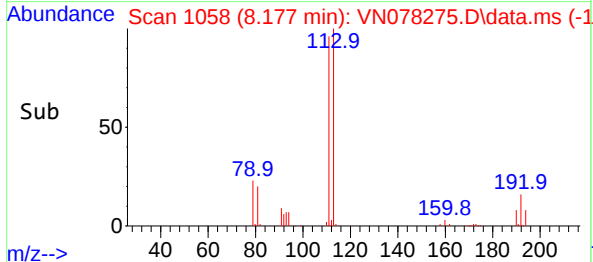
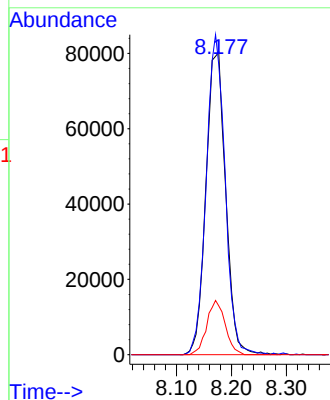
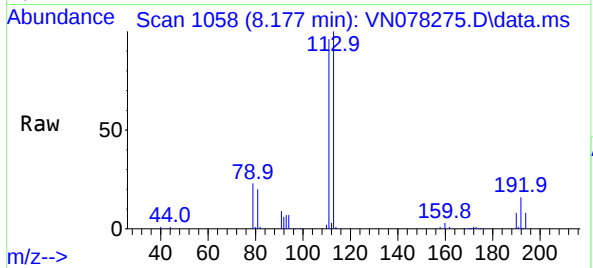




#35
Dibromofluoromethane
Concen: 52.745 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

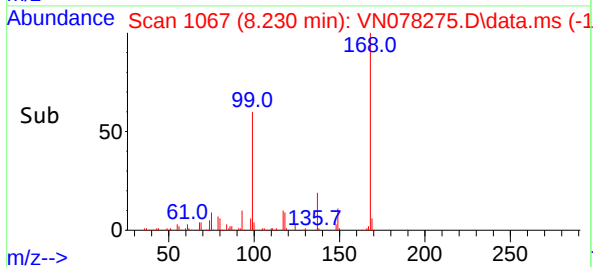
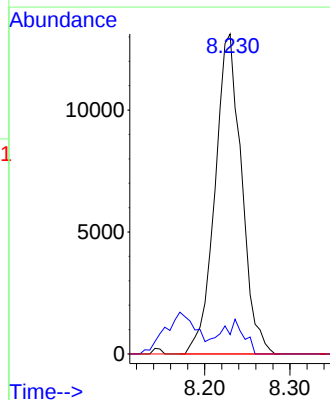
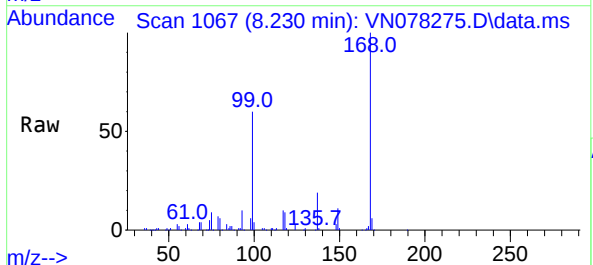
Instrument :
MSVOA_N
ClientSampleId :
30852

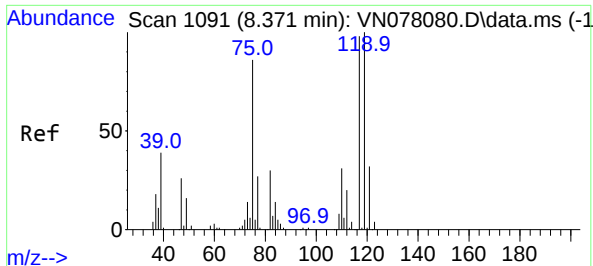
Tgt Ion:113 Resp: 200397
Ion Ratio Lower Upper
113 100
111 101.2 82.6 123.8
192 16.8 12.7 19.1



#36
1,1-Dichloropropene
Concen: 5.202 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

Tgt Ion: 75 Resp: 28352
Ion Ratio Lower Upper
75 100
110 8.8 19.1 57.3#
77 0.0 25.0 37.4#

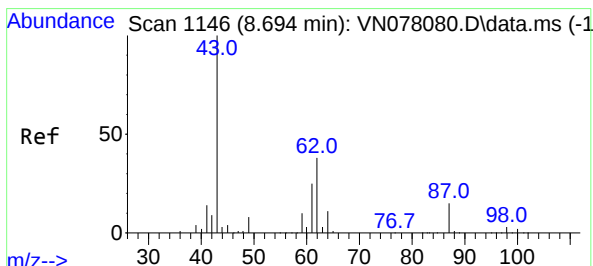
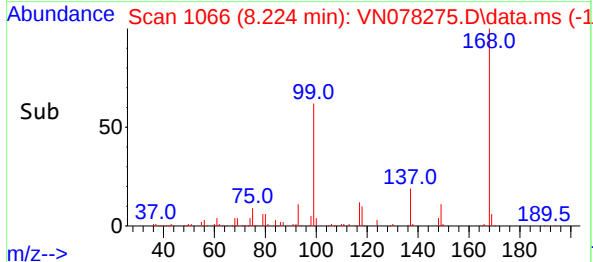
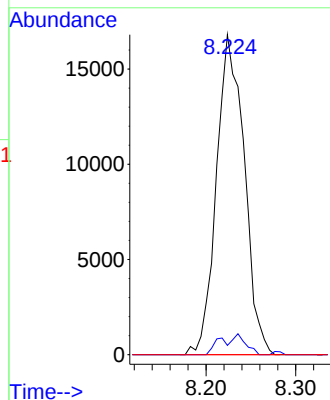
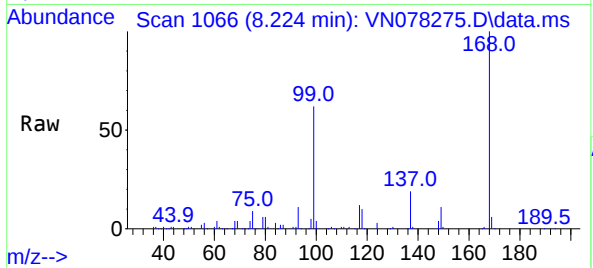




#38
Carbon Tetrachloride
Concen: 6.282 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

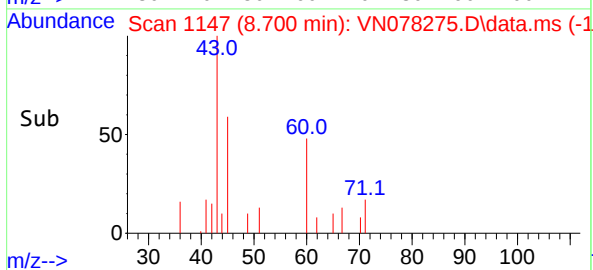
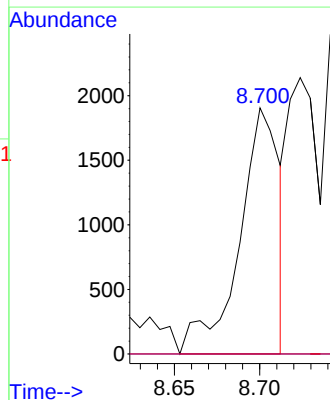
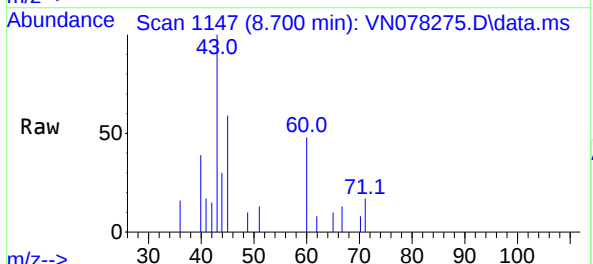
Instrument :
MSVOA_N
ClientSampleId :
30852

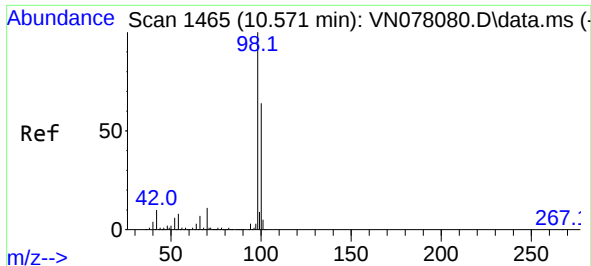
Tgt Ion:117 Resp: 36150
Ion Ratio Lower Upper
117 100
119 2.9 77.3 115.9#
121 0.0 23.3 34.9#



#43
Isopropyl Acetate
Concen: 0.382 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

Tgt Ion: 43 Resp: 3111
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#

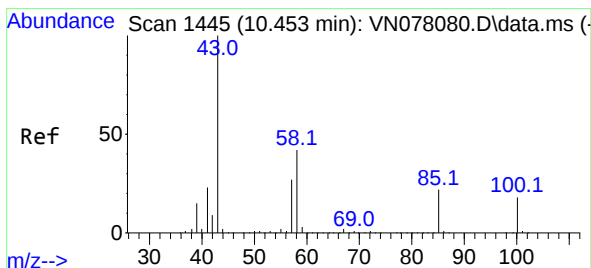
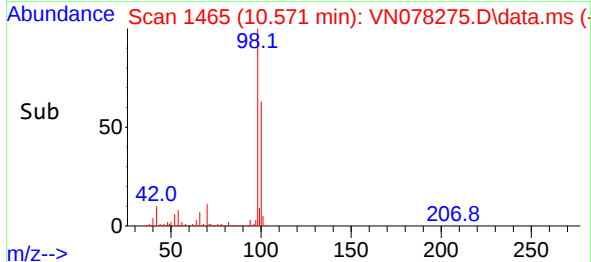
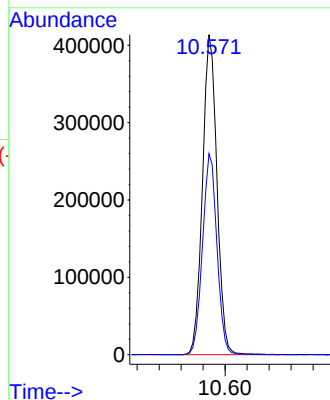
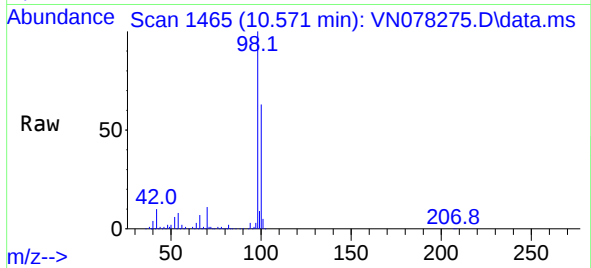




#50
Toluene-d8
Concen: 51.497 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

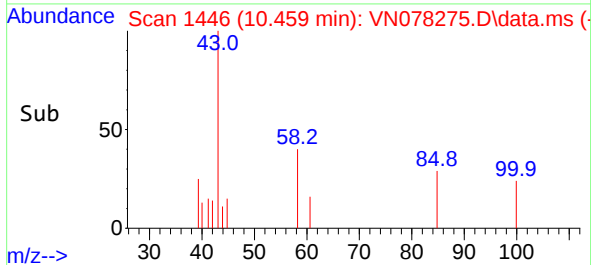
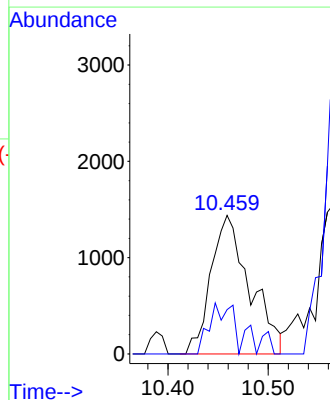
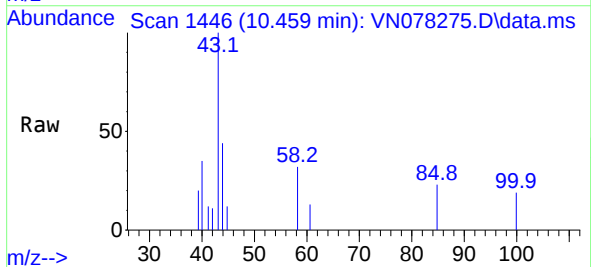
Instrument :
MSVOA_N
ClientSampleId :
30852

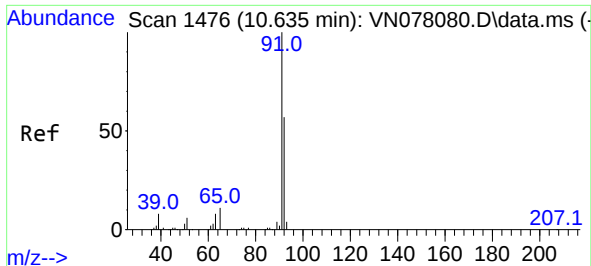
Tgt Ion: 98 Resp: 754277
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.908 ug/l
RT: 10.459 min Scan# 1446
Delta R.T. 0.006 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

Tgt Ion: 43 Resp: 3892
Ion Ratio Lower Upper
43 100
58 23.5 36.6 54.8#

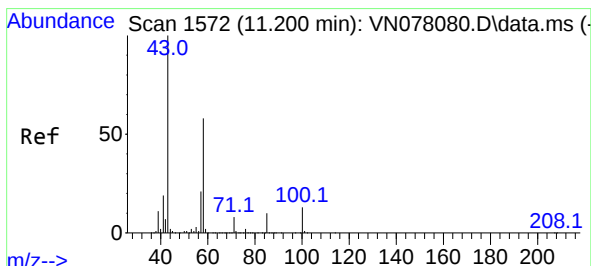
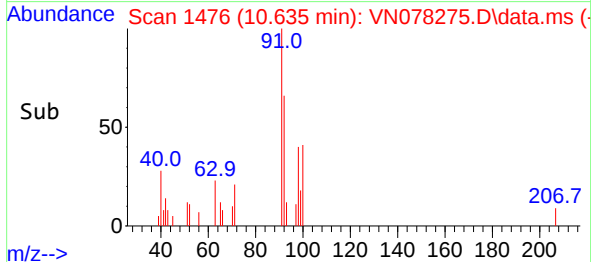
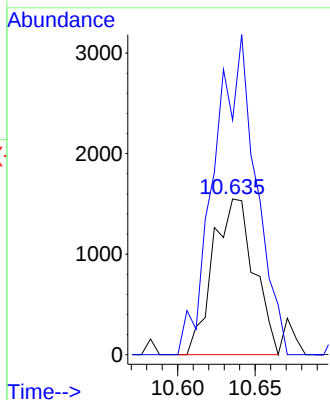
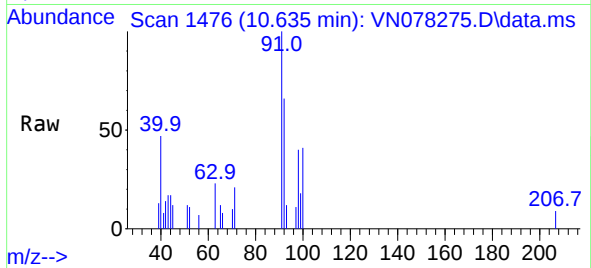




#52
Toluene
Concen: 0.278 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

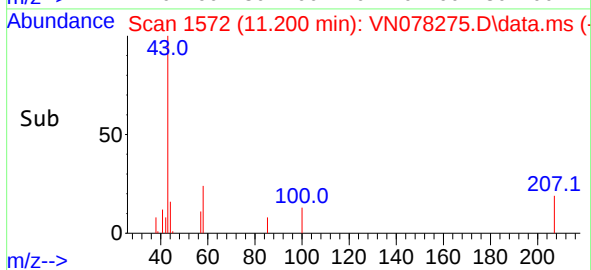
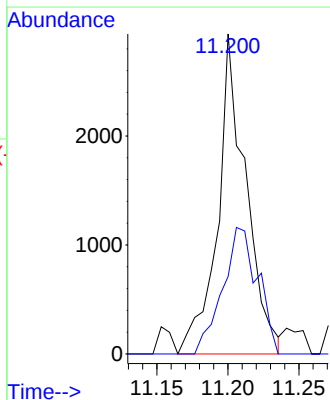
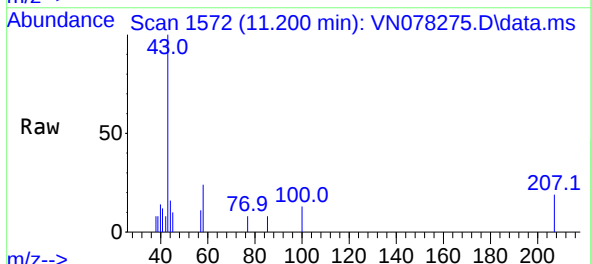
Instrument :
MSVOA_N
ClientSampleId :
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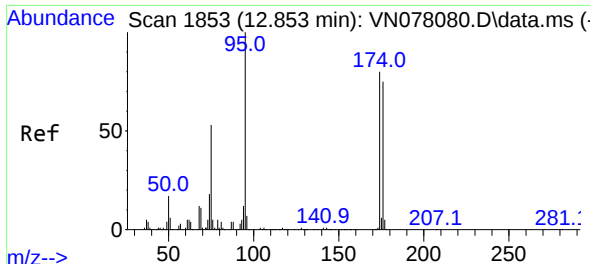
Tgt Ion: 92 Resp: 2856
Ion Ratio Lower Upper
92 100
91 210.0 137.4 206.0#



#59
2-Hexanone
Concen: 1.357 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

Tgt Ion: 43 Resp: 4050
Ion Ratio Lower Upper
43 100
58 49.3 31.7 95.1

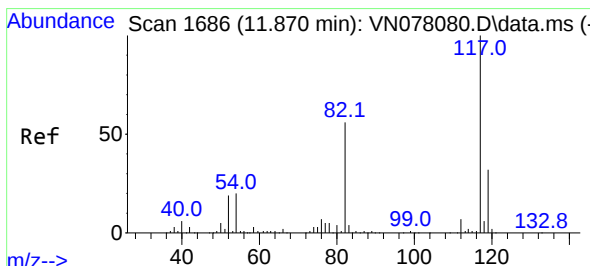
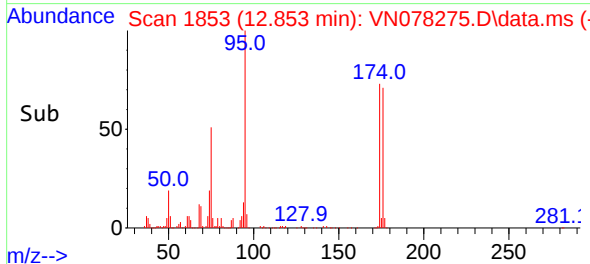
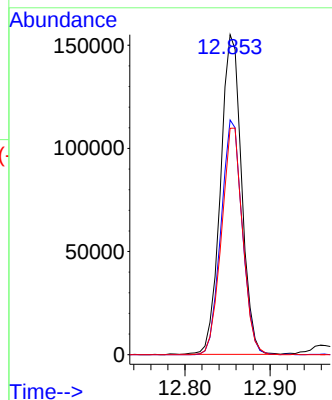
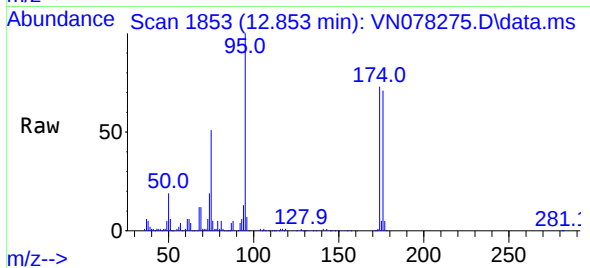




#62
4-Bromofluorobenzene
Concen: 58.493 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

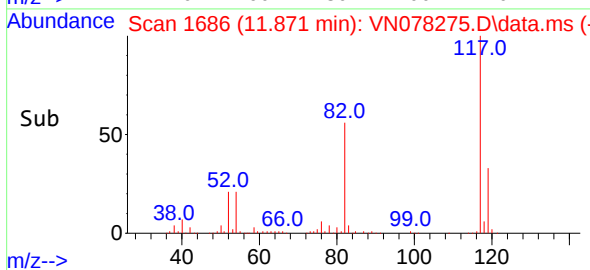
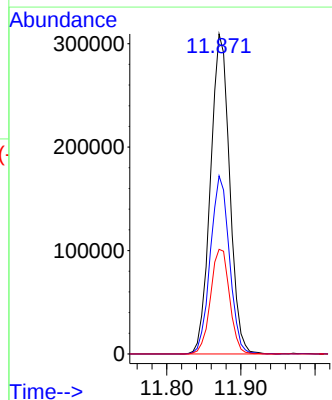
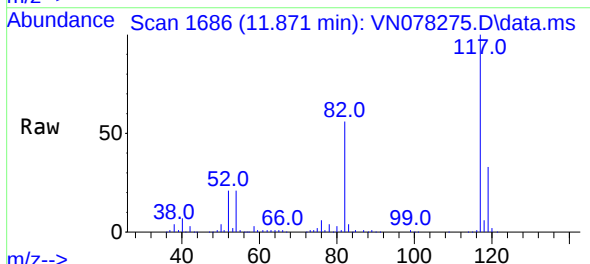
Instrument :
MSVOA_N
ClientSampleId :
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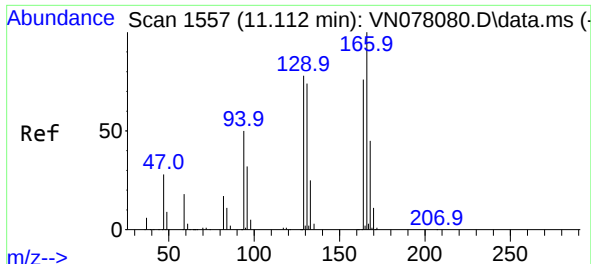
Tgt Ion: 95 Resp: 266343
Ion Ratio Lower Upper
95 100
174 73.9 0.0 143.8
176 71.1 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

Tgt Ion: 117 Resp: 555359
Ion Ratio Lower Upper
117 100
82 55.6 44.0 66.0
119 32.7 25.6 38.4

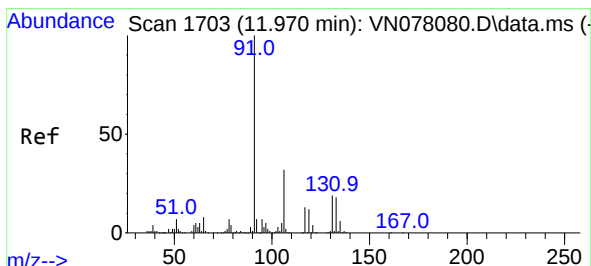
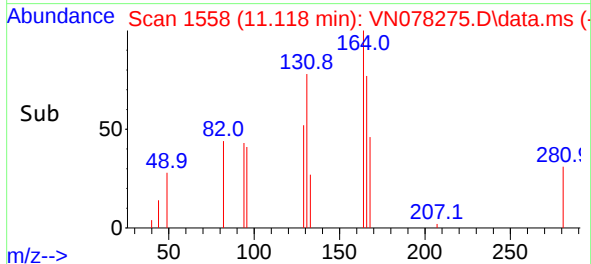
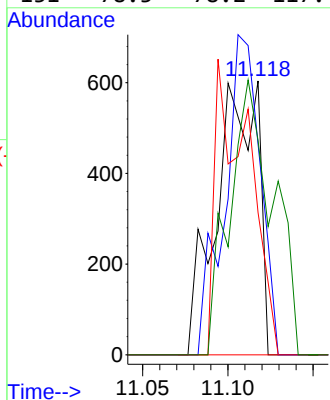
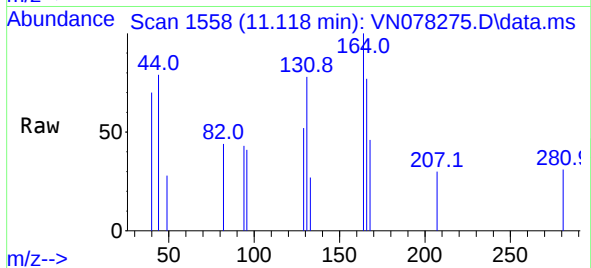




#64
Tetrachloroethene
Concen: 0.279 ug/l
RT: 11.118 min Scan# 1118
Delta R.T. 0.006 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

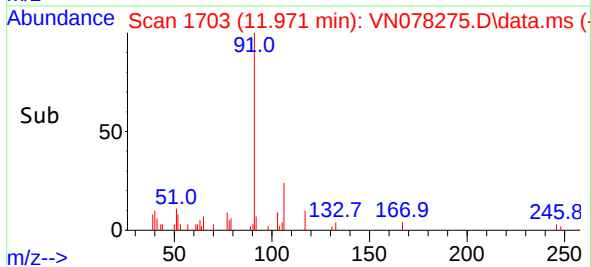
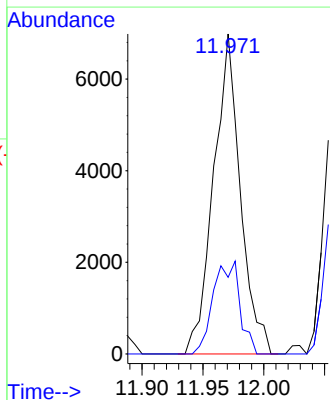
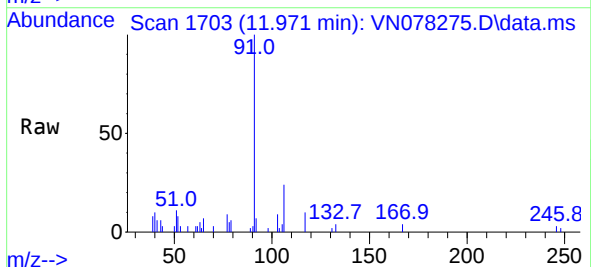
Instrument :
MSVOA_N
ClientSampleId :
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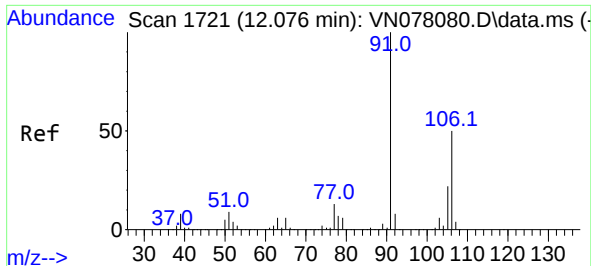
Tgt Ion:164 Resp: 1034
Ion Ratio Lower Upper
164 100
166 77.0 101.4 152.0#
129 52.0 82.4 123.6#
131 78.3 78.2 117.4



#67
Ethyl Benzene
Concen: 0.521 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

Tgt Ion: 91 Resp: 10702
Ion Ratio Lower Upper
91 100
106 23.9 25.6 38.4#

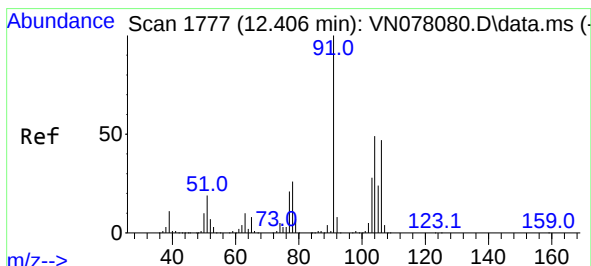
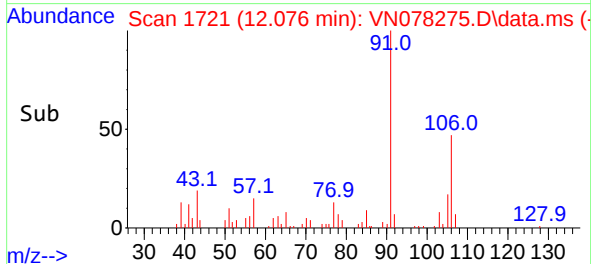
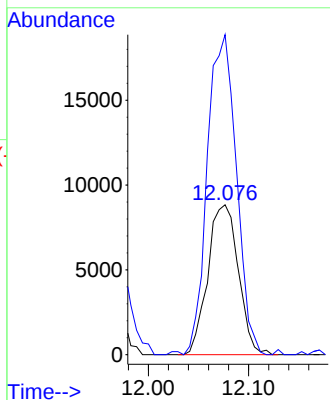
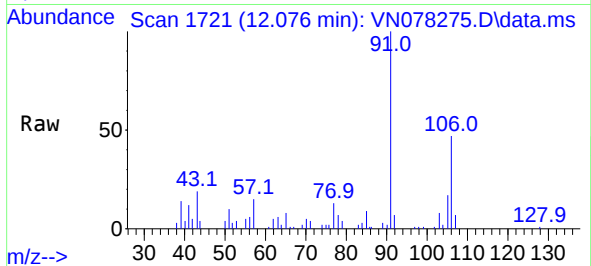




#68
m/p-Xylenes
Concen: 2.388 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

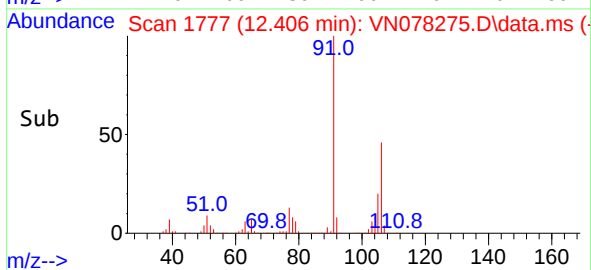
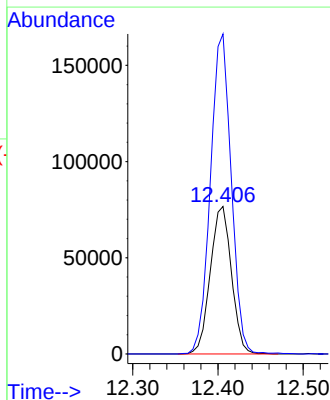
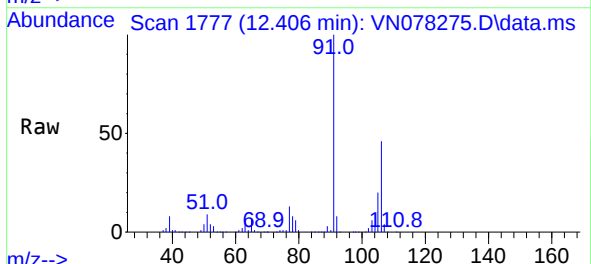
Instrument :
MSVOA_N
ClientSampleId :
30852

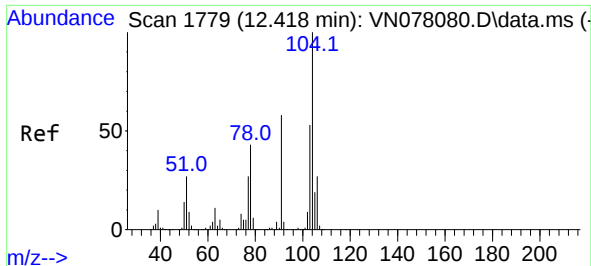
Tgt Ion:106 Resp: 18680
Ion Ratio Lower Upper
106 100
91 204.3 159.6 239.4



#69
o-Xylene
Concen: 17.204 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

Tgt Ion:106 Resp: 132127
Ion Ratio Lower Upper
106 100
91 213.7 105.2 315.5

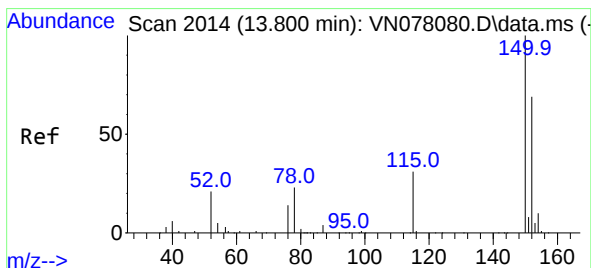
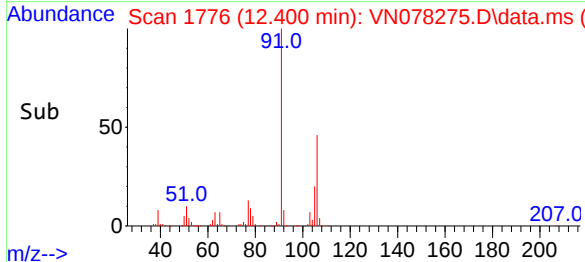
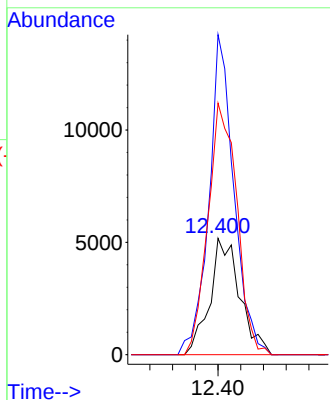
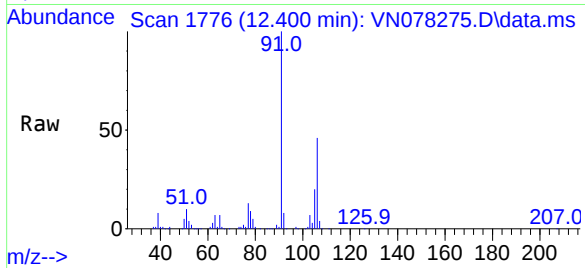




#70
Styrene
Concen: 0.789 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

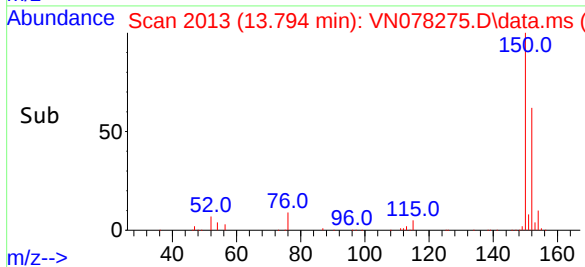
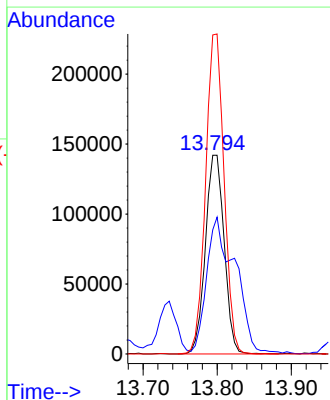
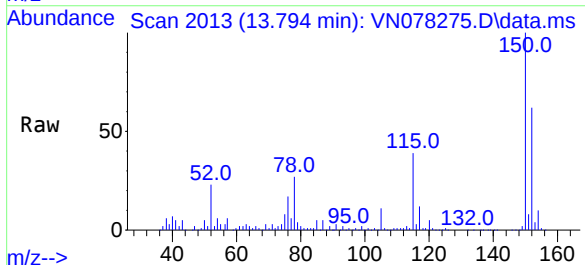
Instrument :
MSVOA_N
ClientSampleId :
30852

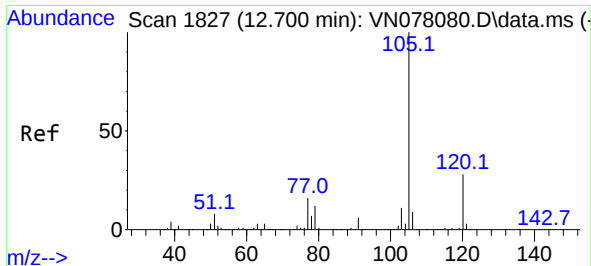
Tgt Ion:104 Resp: 9545
Ion Ratio Lower Upper
104 100
78 228.2 39.5 59.3#
103 207.6 43.2 64.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

Tgt Ion:152 Resp: 250244
Ion Ratio Lower Upper
152 100
115 104.5 32.3 96.8#
150 157.5 0.0 355.8

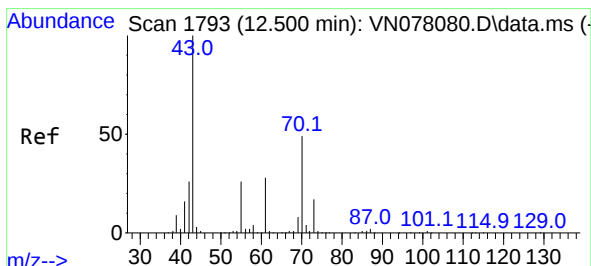
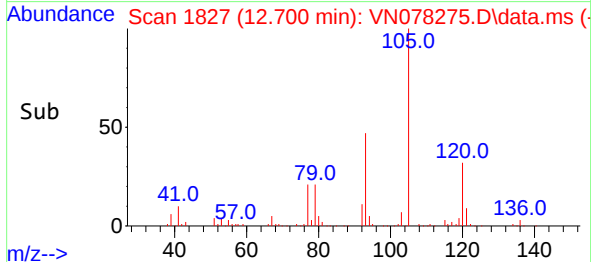
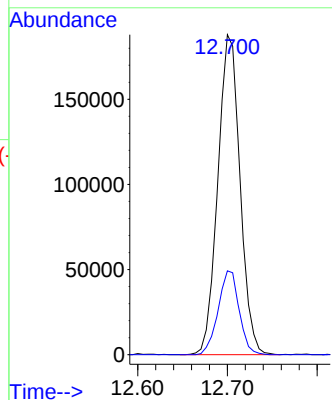
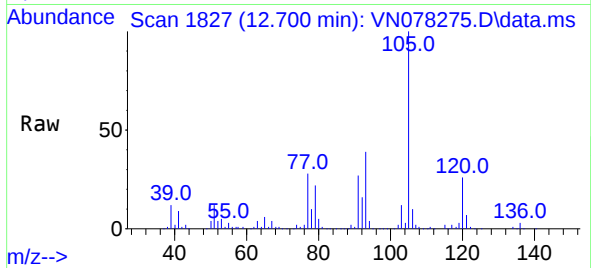




#73
Isopropylbenzene
Concen: 13.645 ug/l
RT: 12.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

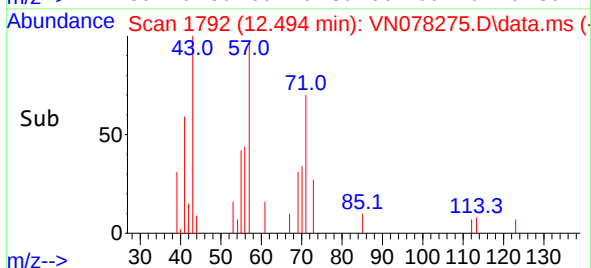
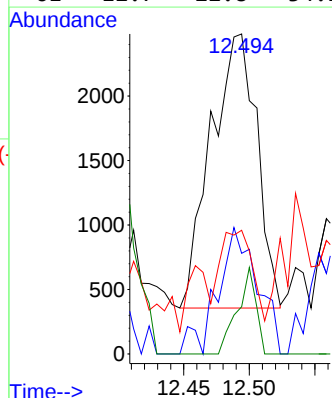
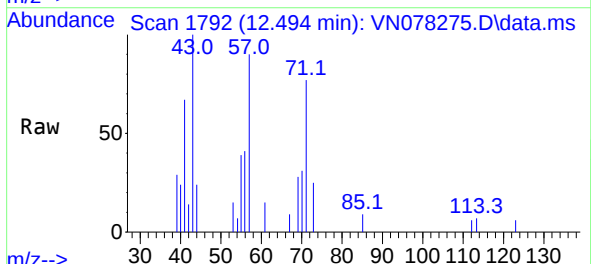
Instrument :
MSVOA_N
ClientSampleId :
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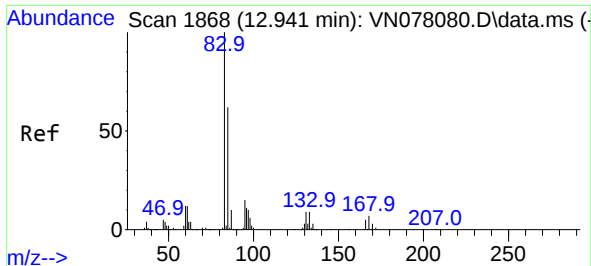
Tgt Ion:105 Resp: 322898
Ion Ratio Lower Upper
105 100
120 24.7 13.1 39.1



#74
N-ethyl acetate
Concen: 0.664 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.006 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

Tgt Ion: 43 Resp: 5175
Ion Ratio Lower Upper
43 100
70 40.2 43.4 65.2#
55 22.4 21.4 32.0
61 12.7 22.8 34.2#

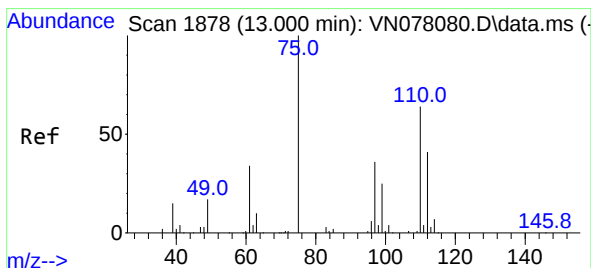
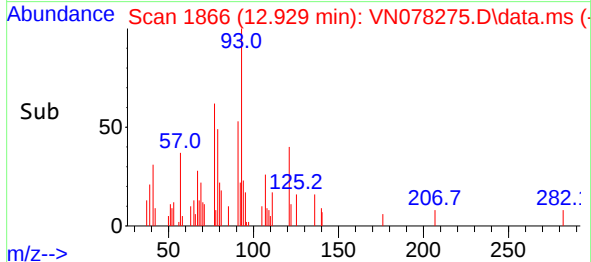
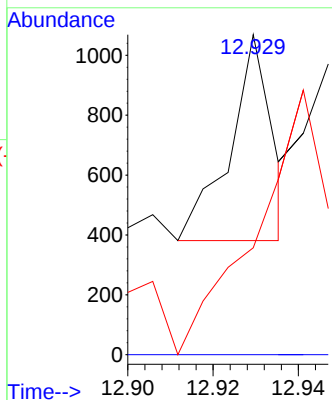
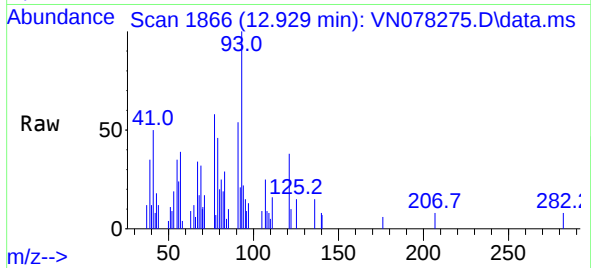




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.929 min Scan# 1866
Delta R.T. -0.012 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

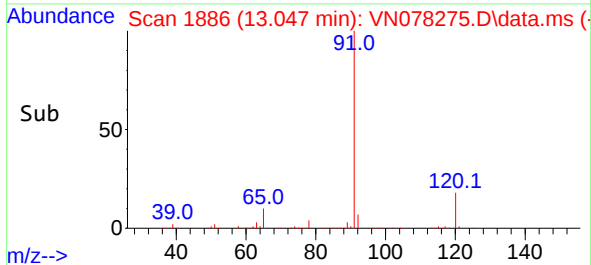
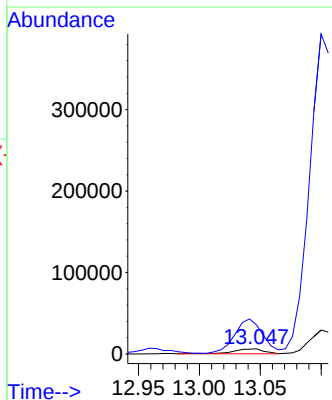
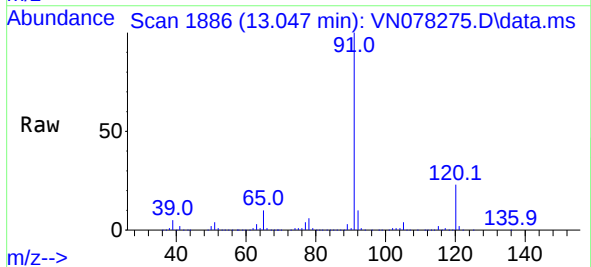
Instrument :
MSVOA_N
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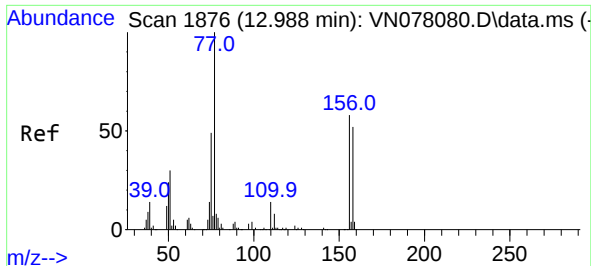
Tgt Ion: 83 Resp: 477
Ion Ratio Lower Upper
83 100
131 0.0 5.0 15.0#
85 0.0 31.9 95.7#



#76
1,2,3-Trichloropropane
Concen: 1.780 ug/l
RT: 13.047 min Scan# 1886
Delta R.T. 0.047 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

Tgt Ion: 75 Resp: 10533
Ion Ratio Lower Upper
75 100
77 640.0 84.5 253.5#

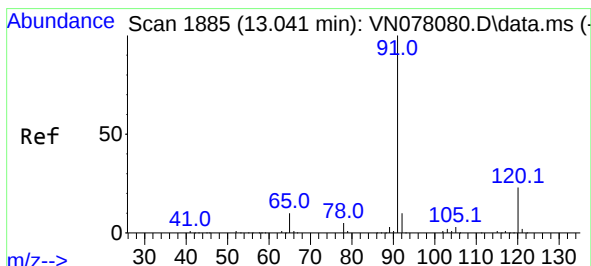
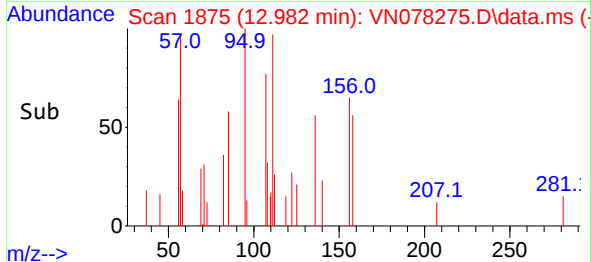
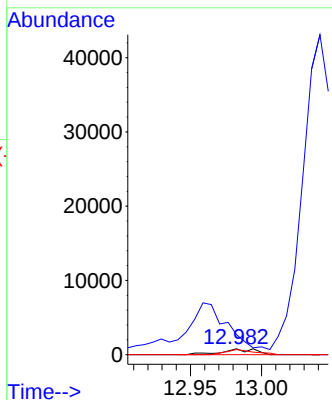
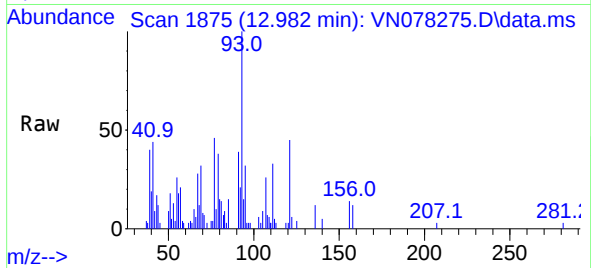




#77
Bromobenzene
Concen: 0.232 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

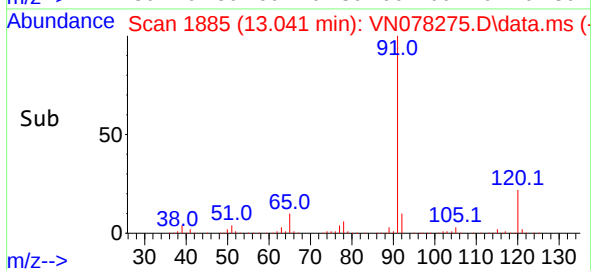
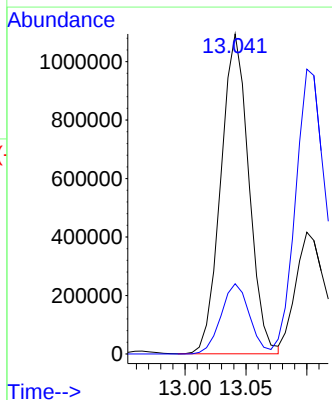
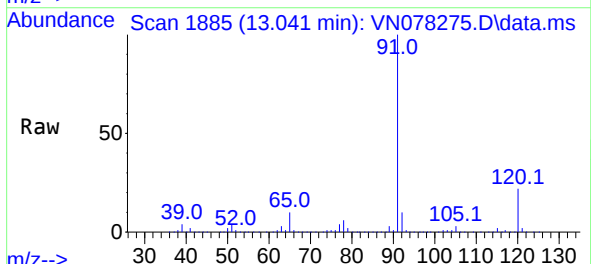
Instrument :
MSVOA_N
ClientSampleId :
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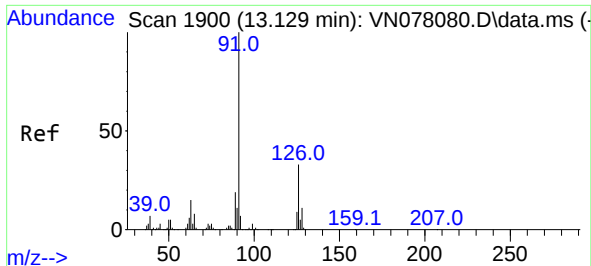
Tgt Ion:156 Resp: 1276
Ion Ratio Lower Upper
156 100
77 0.0 107.7 323.3#
158 74.4 48.4 145.3



#78
n-propylbenzene
Concen: 68.081 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

Tgt Ion: 91 Resp: 1750376
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.4

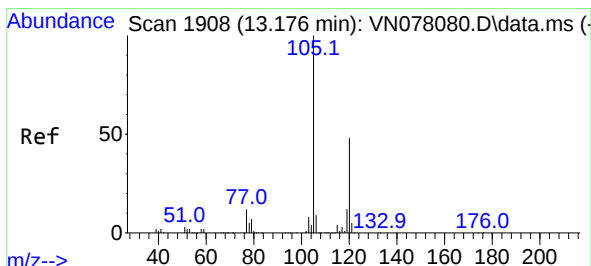
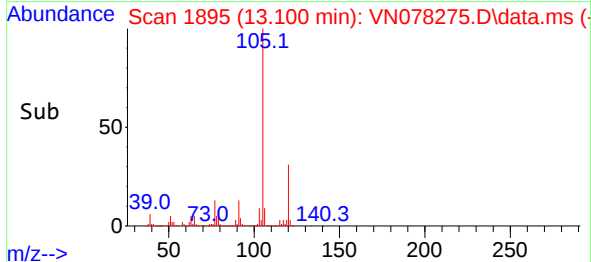
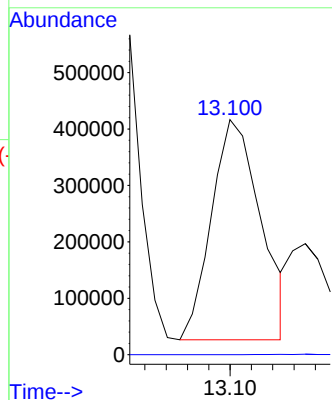
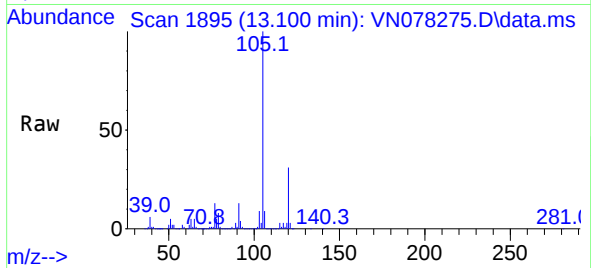




#79
2-Chlorotoluene
Concen: 37.737 ug/l
RT: 13.100 min Scan# 11
Delta R.T. -0.029 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

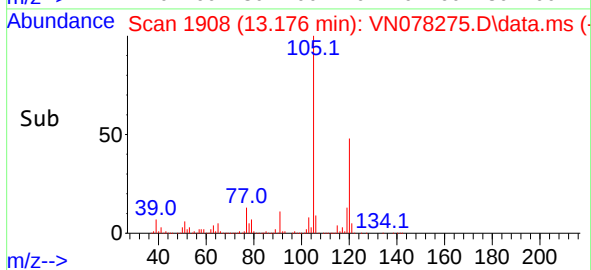
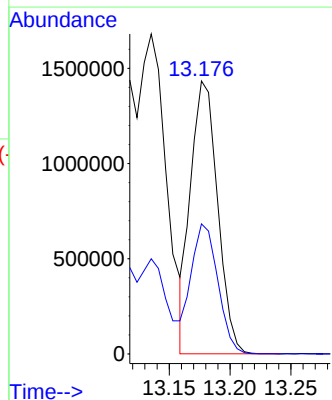
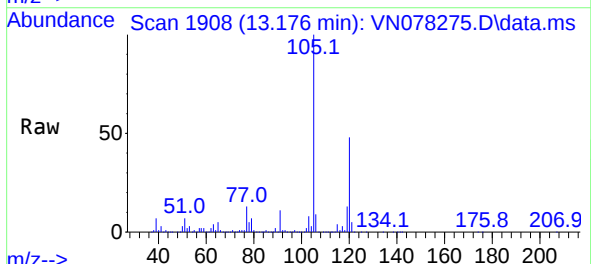
Instrument :
MSVOA_N
ClientSampleId :
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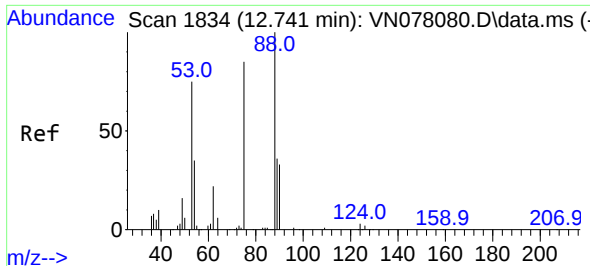
Tgt Ion: 91 Resp: 626283
Ion Ratio Lower Upper
91 100
126 0.0 16.3 48.8#



#80
1,3,5-Trimethylbenzene
Concen: 115.024 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

Tgt Ion:105 Resp: 2203719
Ion Ratio Lower Upper
105 100
120 47.4 24.1 72.3

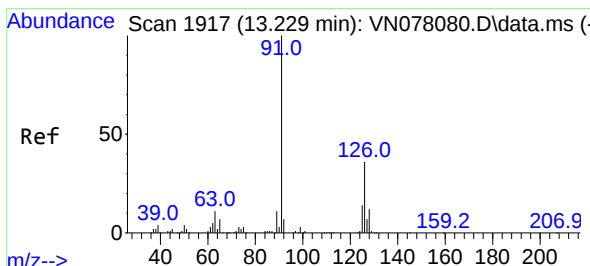
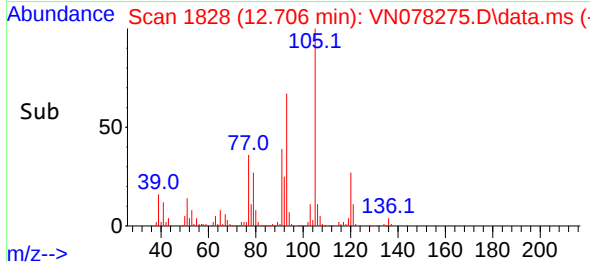
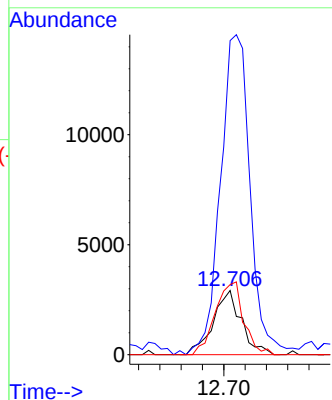
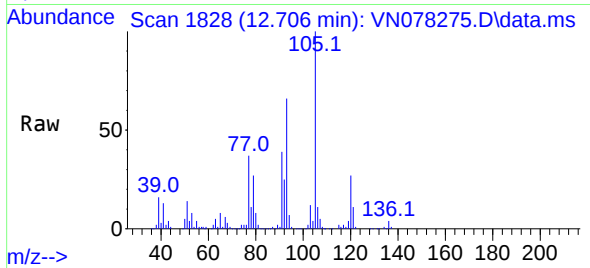




#81
trans-1,4-Dichloro-2-butene
Concen: 2.781 ug/l
RT: 12.706 min Scan# 11
Delta R.T. -0.035 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

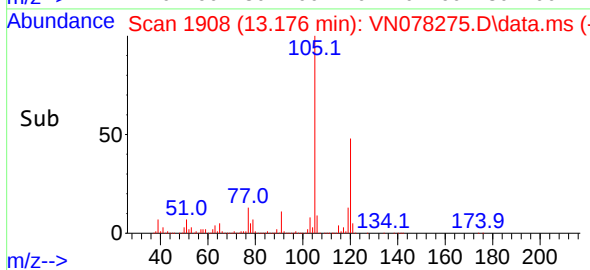
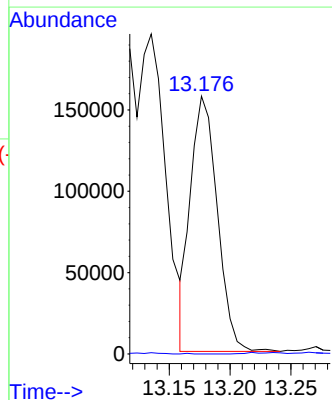
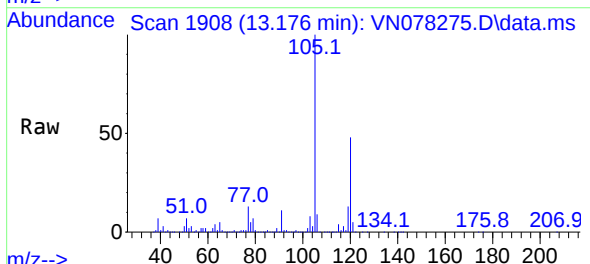
Instrument :
MSVOA_N
ClientSampleId :
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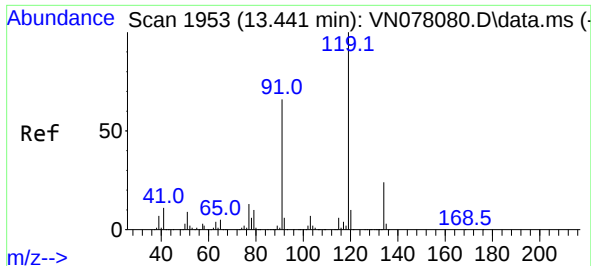
Tgt Ion: 75 Resp: 5355
Ion Ratio Lower Upper
75 100
53 525.9 67.4 101.2#
89 114.1 38.8 58.2#



#82
4-Chlorotoluene
Concen: 15.547 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.053 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

Tgt Ion: 91 Resp: 240804
Ion Ratio Lower Upper
91 100
126 0.1 16.7 50.0#

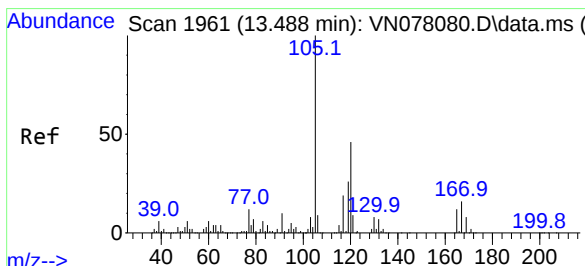
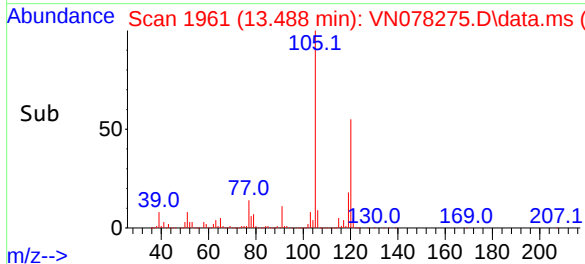
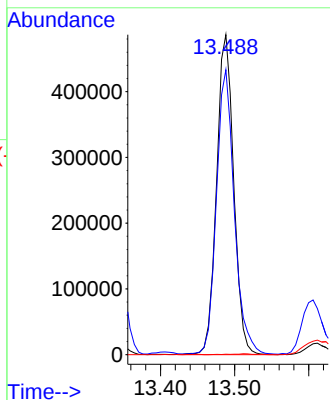
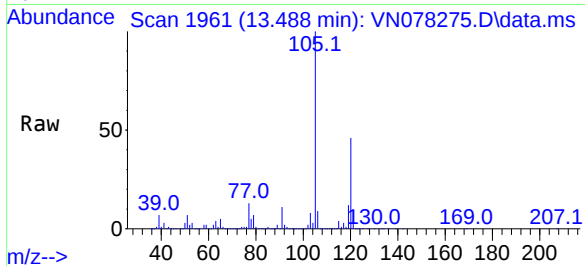




#83
tert-Butylbenzene
Concen: 46.885 ug/l
RT: 13.488 min Scan# 1953
Delta R.T. 0.047 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

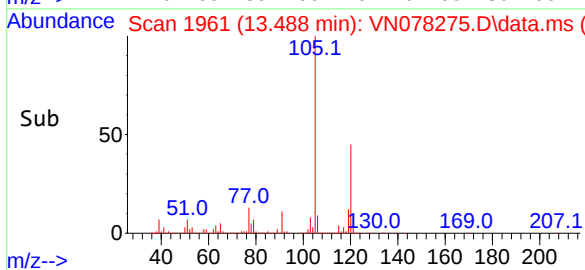
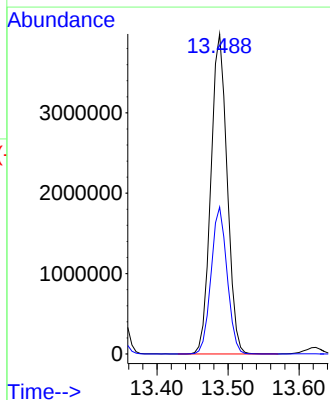
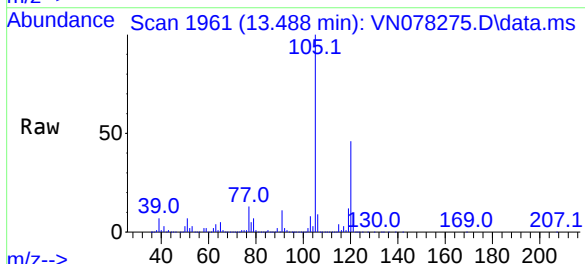
Instrument :
MSVOA_N
ClientSampleId :
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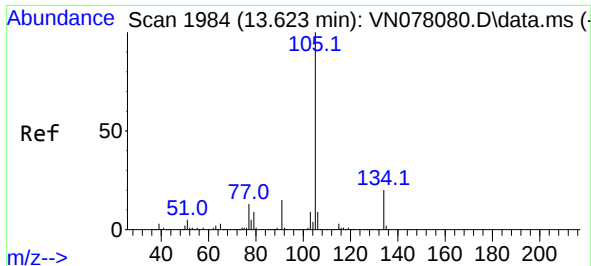
Tgt Ion:119 Resp: 780812
Ion Ratio Lower Upper
119 100
91 92.8 33.9 101.7
134 0.0 13.2 39.6#



#84
1,2,4-Trimethylbenzene
Concen: 340.216 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

Tgt Ion:105 Resp: 6319401
Ion Ratio Lower Upper
105 100
120 45.1 22.0 66.0

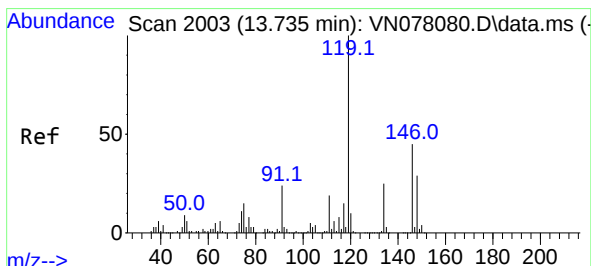
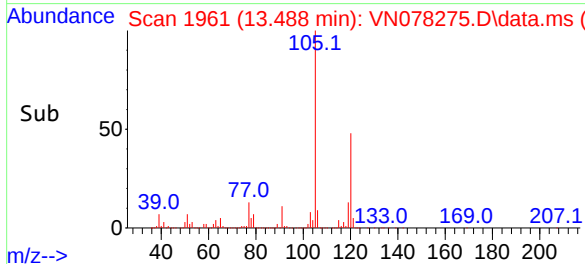
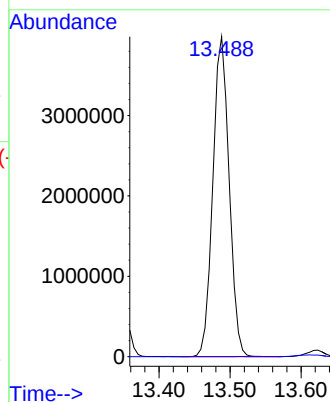
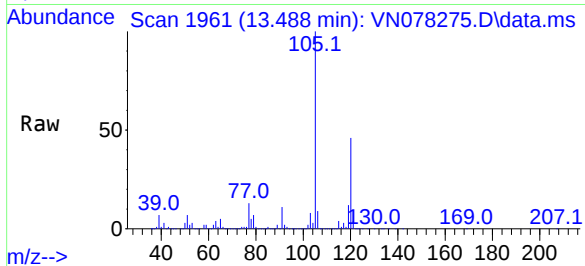




#85
 sec-Butylbenzene
 Concen: 289.912 ug/l
 RT: 13.488 min Scan# 1984
 Delta R.T. -0.135 min
 Lab File: VN078275.D
 Acq: 19 Jun 2023 13:23

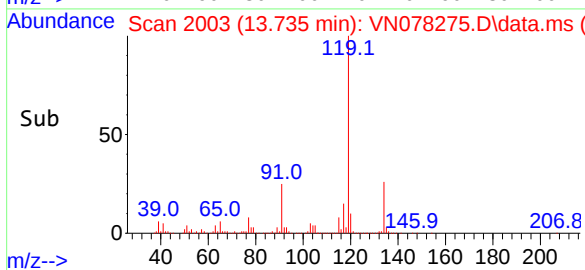
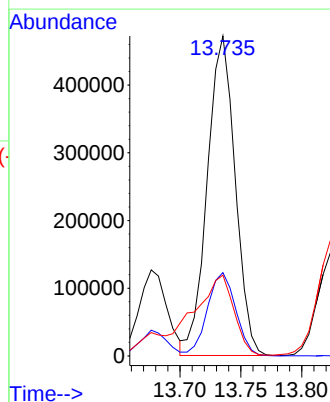
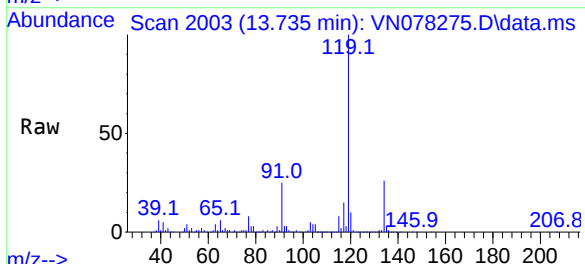
Instrument :
 MSVOA_N
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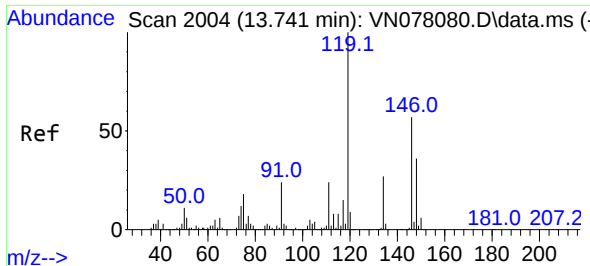
Tgt Ion:105 Resp: 6319401
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.3#



#86
 p-Isopropyltoluene
 Concen: 42.597 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078275.D
 Acq: 19 Jun 2023 13:23

Tgt Ion:119 Resp: 753483
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.6 37.8
 91 35.7 12.4 37.2

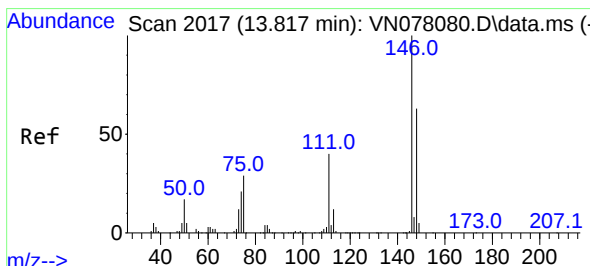
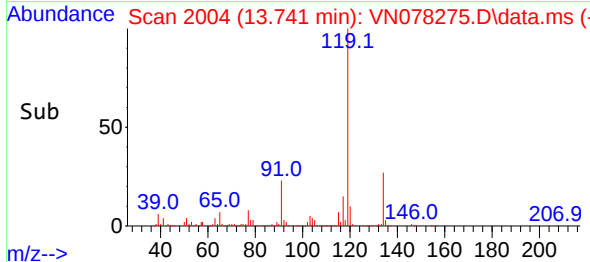
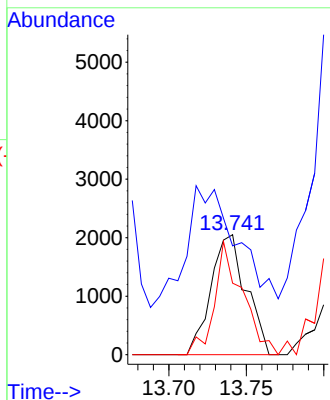
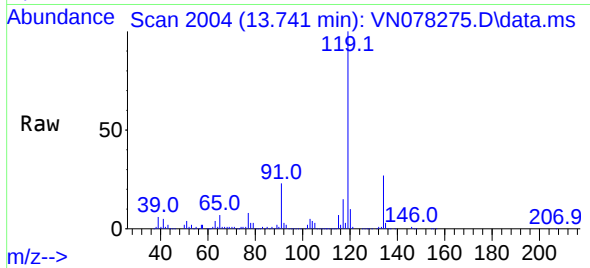




#87
1,3-Dichlorobenzene
Concen: 0.349 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.000 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

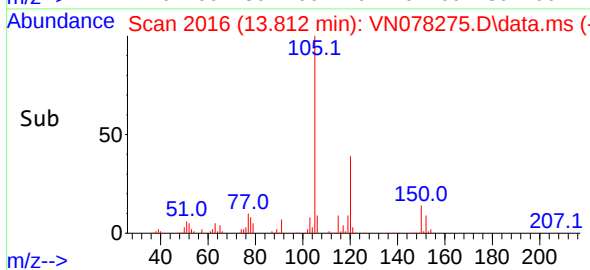
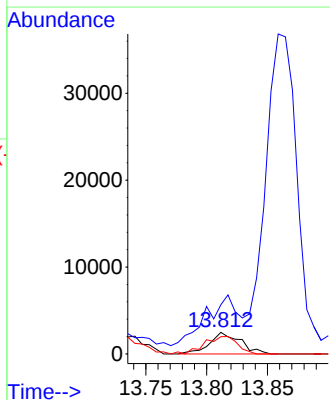
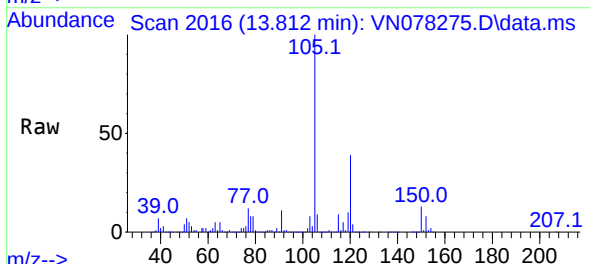
Instrument :
MSVOA_N
ClientSampleId :
30852

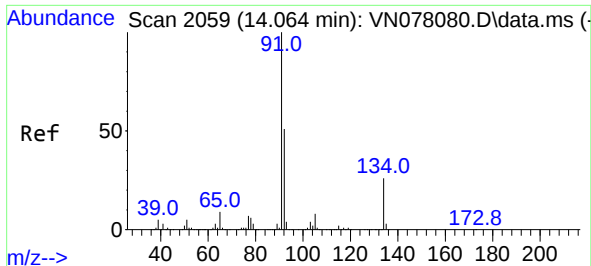
Tgt Ion:146 Resp: 3244
Ion Ratio Lower Upper
146 100
111 0.0 22.1 66.3#
148 74.5 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 0.489 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

Tgt Ion:146 Resp: 4386
Ion Ratio Lower Upper
146 100
111 244.8 20.6 61.8#
148 86.8 31.6 94.8





#89

n-Butylbenzene

Concen: 5.920 ug/l

RT: 14.059 min Scan# 2059

Delta R.T. -0.006 min

Lab File: VN078275.D

Acq: 19 Jun 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

30852

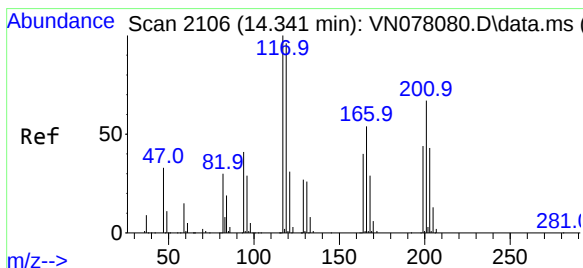
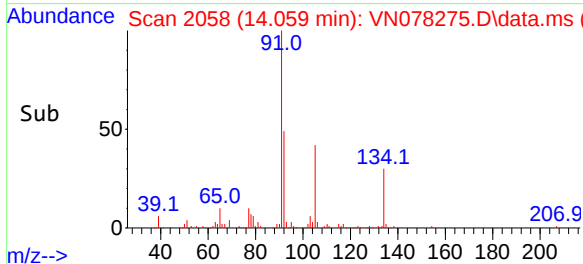
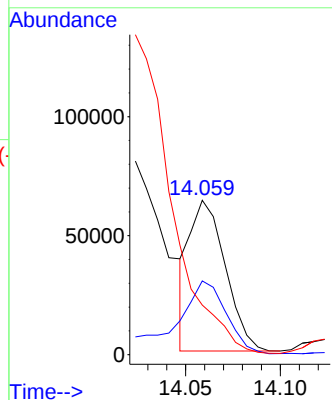
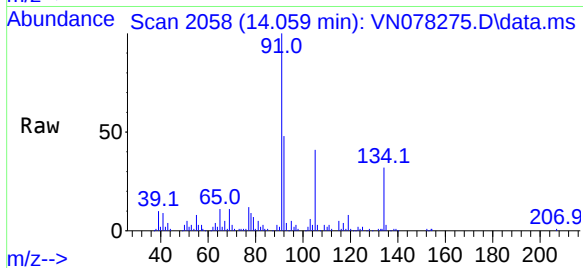
Tgt Ion: 91 Resp: 82591

Ion Ratio Lower Upper

91 100

92 60.7 26.4 79.0

134 0.0 12.6 37.6#



#90

Hexachloroethane

Concen: 11.620 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.006 min

Lab File: VN078275.D

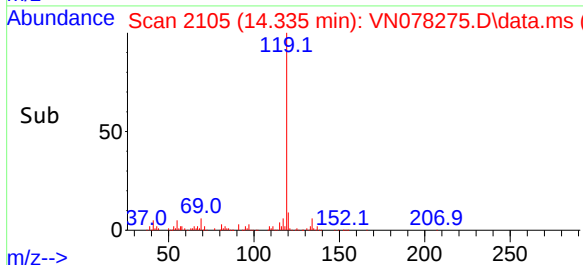
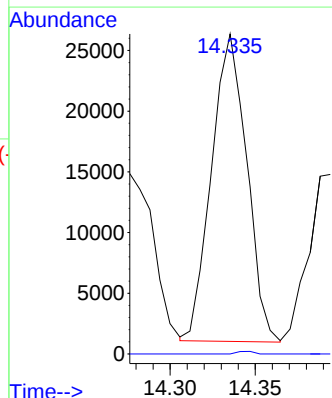
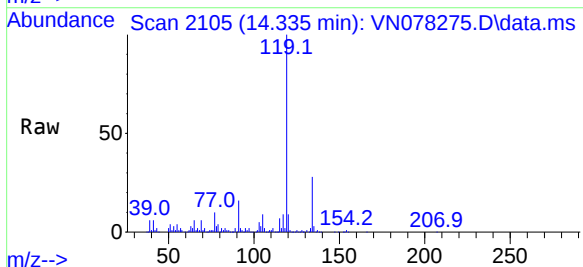
Acq: 19 Jun 2023 13:23

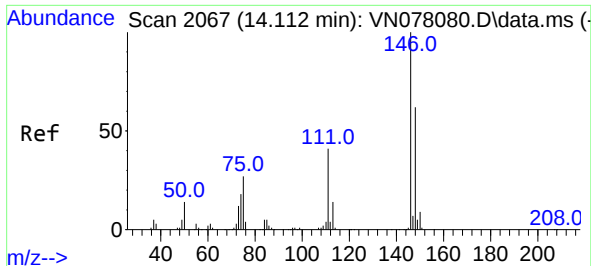
Tgt Ion: 117 Resp: 36476

Ion Ratio Lower Upper

117 100

201 0.4 29.3 88.0#

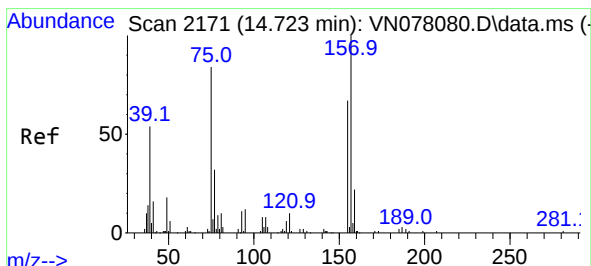
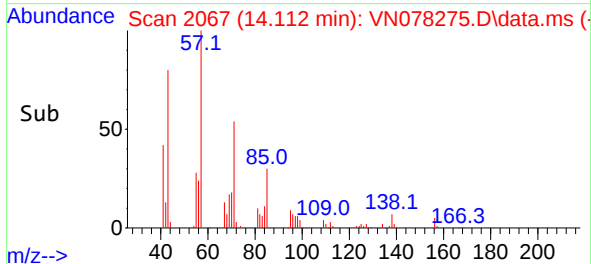
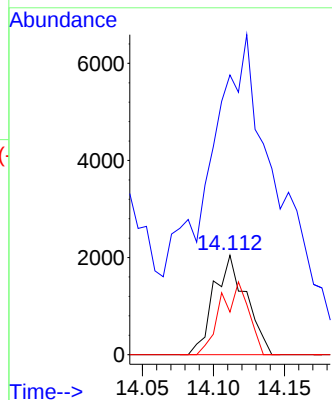
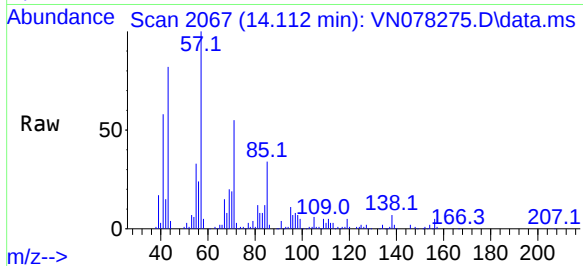




#91
1,2-Dichlorobenzene
Concen: 0.358 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

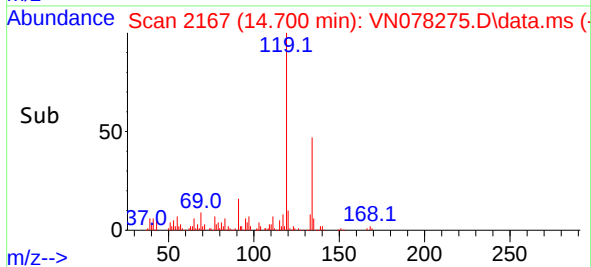
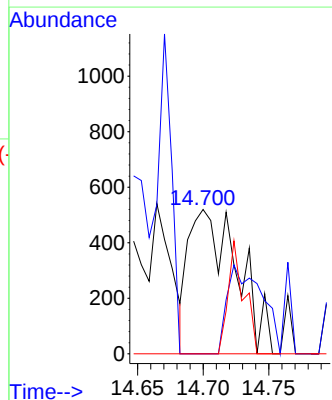
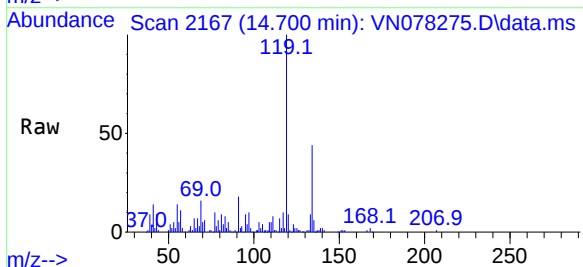
Instrument :
MSVOA_N
ClientSampleId :
30852

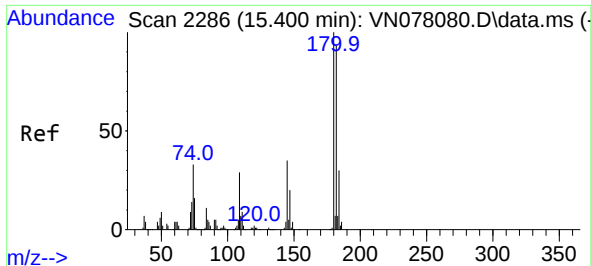
Tgt Ion:146 Resp: 3253
Ion Ratio Lower Upper
146 100
111 591.8 22.0 66.0#
148 62.9 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.147 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. -0.023 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

Tgt Ion: 75 Resp: 1345
Ion Ratio Lower Upper
75 100
155 0.0 39.1 117.2#
157 0.0 50.3 150.9#

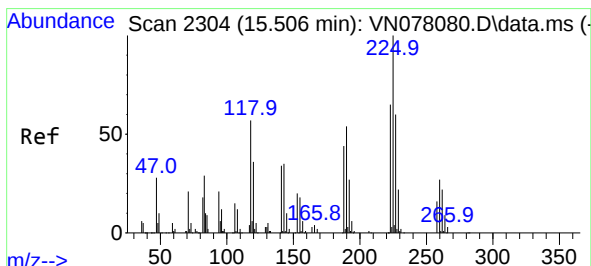
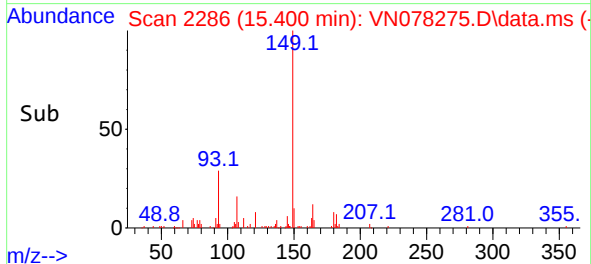
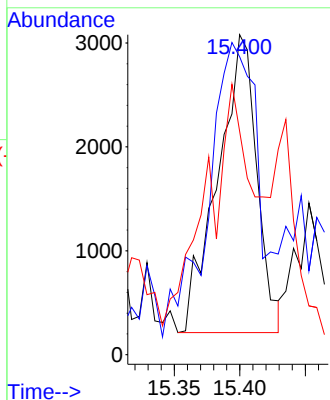
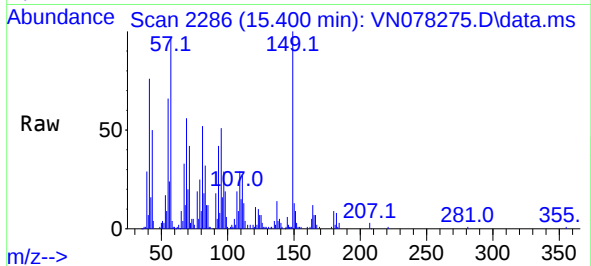




#93
1,2,4-Trichlorobenzene
Concen: 1.837 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

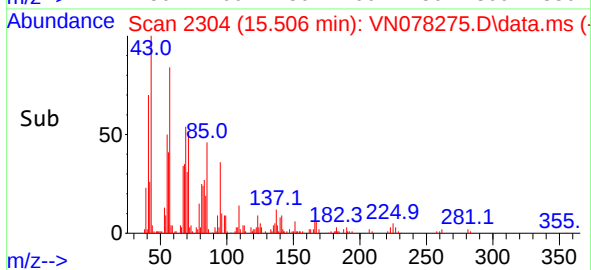
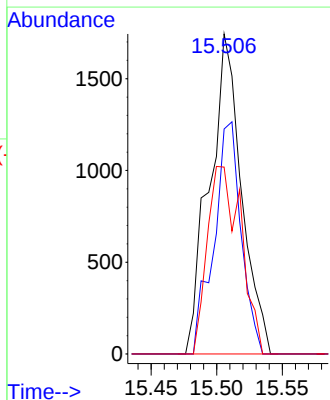
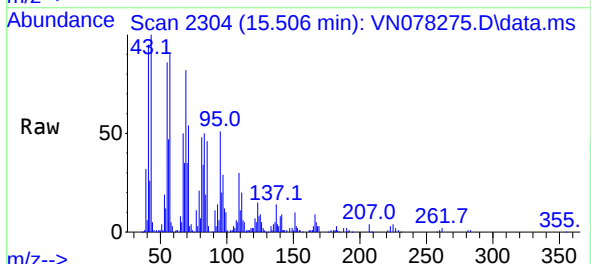
Instrument :
MSVOA_N
ClientSampleId :
30852

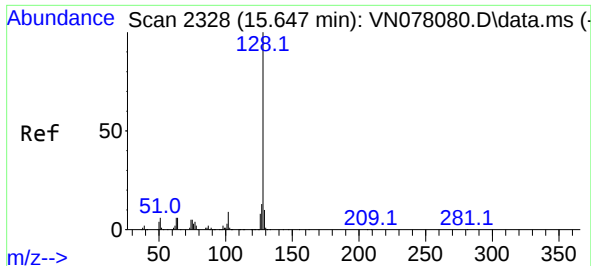
Tgt Ion:180 Resp: 5943
Ion Ratio Lower Upper
180 100
182 127.7 46.1 138.2
145 113.1 16.6 49.8#



#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

Tgt Ion:225 Resp: 2973
Ion Ratio Lower Upper
225 100
223 61.5 31.3 93.8
227 61.4 31.9 95.9

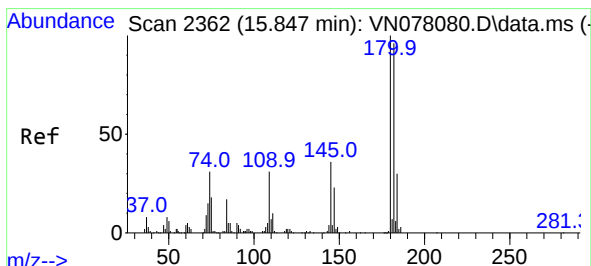
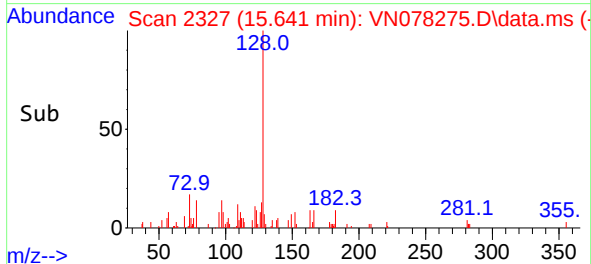
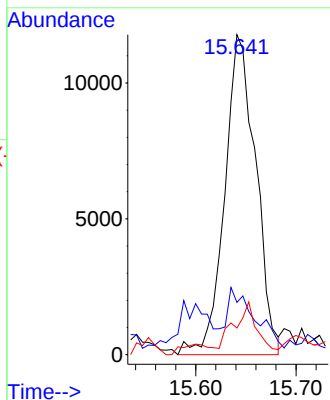
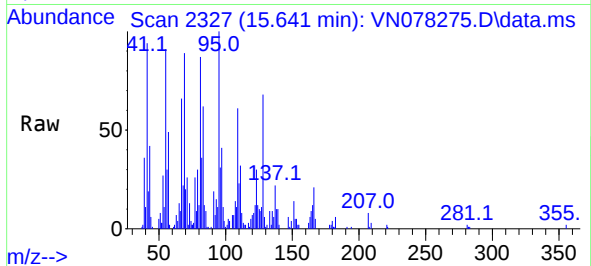




#95
Naphthalene
Concen: 2.334 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

Instrument :
MSVOA_N
ClientSampleId :
30852

Tgt Ion:128 Resp: 25408
Ion Ratio Lower Upper
128 100
127 16.9 10.0 15.0#
129 10.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.979 ug/l
RT: 15.853 min Scan# 2363
Delta R.T. 0.006 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

Tgt Ion:180 Resp: 7160
Ion Ratio Lower Upper
180 100
182 87.1 46.2 138.6
145 65.6 17.5 52.6#

