

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112822\
 Data File : VN075456.D
 Acq On : 28 Nov 2022 18:11
 Operator : JC\MD
 Sample : VN1128MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1128MBL01

Quant Time: Nov 29 05:33:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

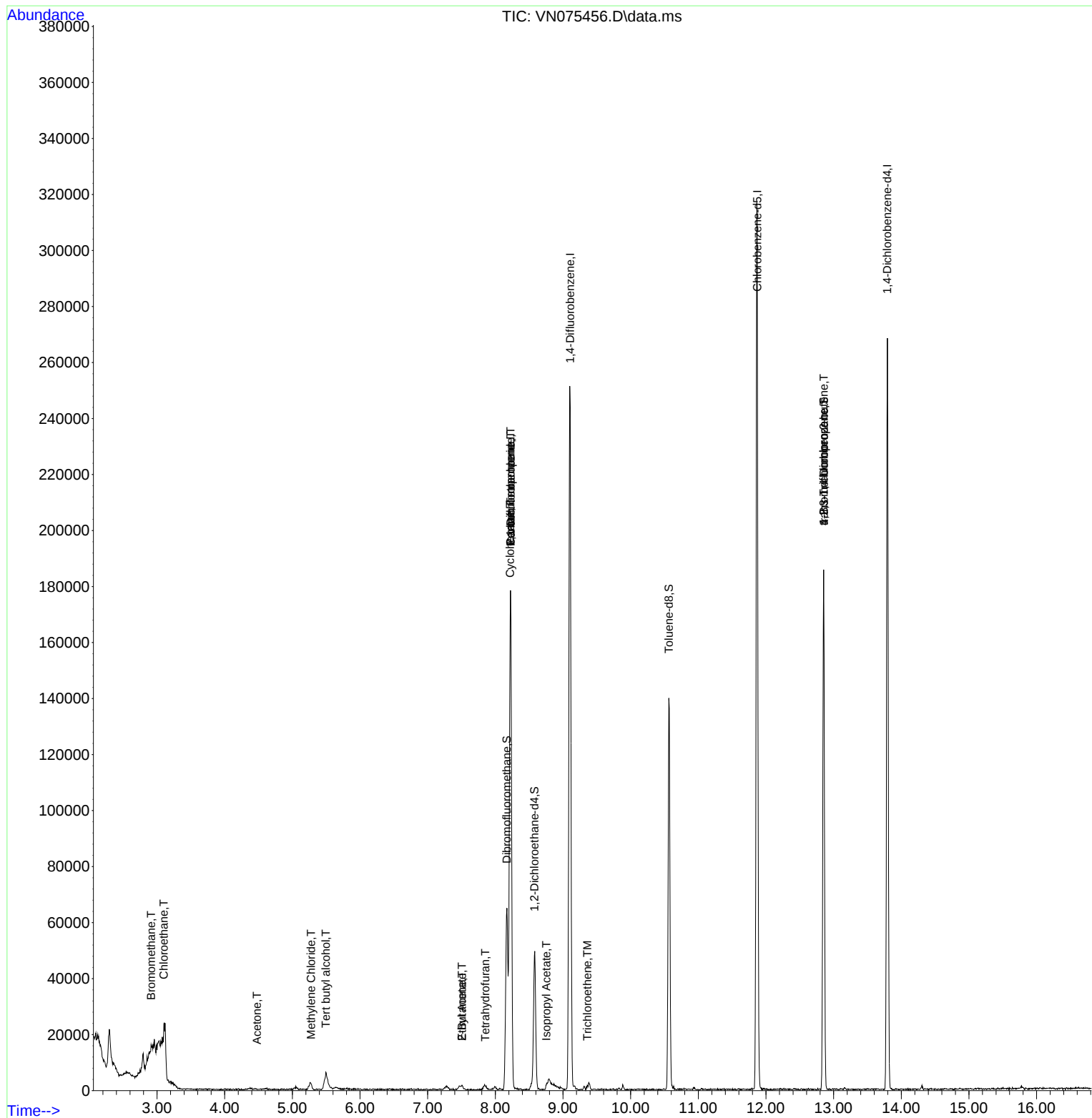
Internal Standards						
1) Pentafluorobenzene	8.224	168	138443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	239283	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	196305	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	77723	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	39869	53.649	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.300%			
35) Dibromofluoromethane	8.171	113	47421	50.449	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.900%			
50) Toluene-d8	10.565	98	101104	47.756	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.520%			
62) 4-Bromofluorobenzene	12.853	95	63251	40.477	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 80.960%#			
Target Compounds					Qvalue	
5) Bromomethane	2.912	94	322	0.221	ug/l #	66
6) Chloroethane	3.101	64	7927	6.302	ug/l #	60
11) Tert butyl alcohol	5.494	59	5350	17.149	ug/l #	72
16) Acetone	4.477	43	160	0.231	ug/l #	43
18) Methyl Acetate	5.047	43	1823	Below Cal	#	64
20) Methylene Chloride	5.277	84	2355	0.407	ug/l #	71
25) 2-Butanone	7.506	43	1625	1.679	ug/l #	80
29) Tetrahydrofuran	7.853	42	425	0.722	ug/l #	57
31) Cyclohexane	8.218	56	2665	1.129	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	10546	5.145	ug/l #	47
37) Ethyl Acetate	7.506	43	1625	0.880	ug/l #	66
38) Carbon Tetrachloride	8.224	117	13385	5.944	ug/l #	16
43) Isopropyl Acetate	8.753	43	1018	0.344	ug/l #	53
44) Trichloroethene	9.359	130	499	0.291	ug/l	60
76) 1,2,3-Trichloropropane	12.853	75	32838	22.346	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	32838	66.116	ug/l #	10

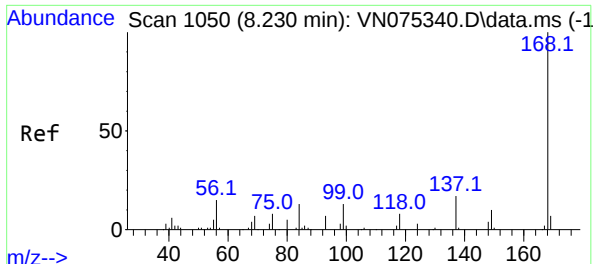
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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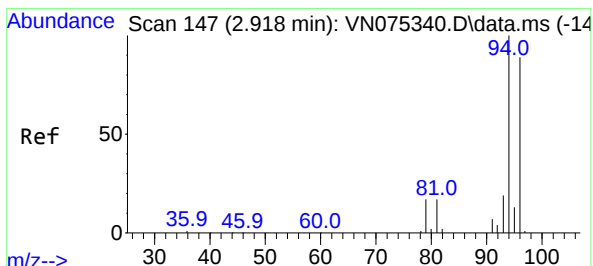
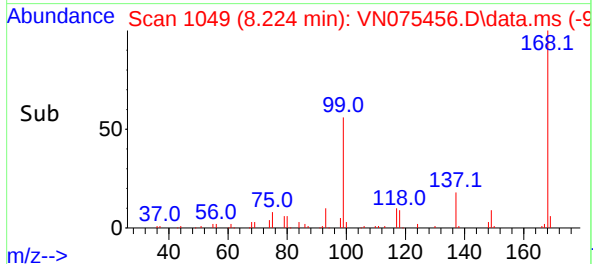
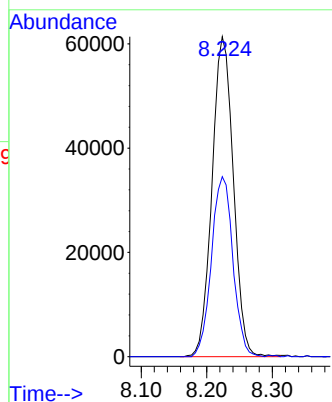
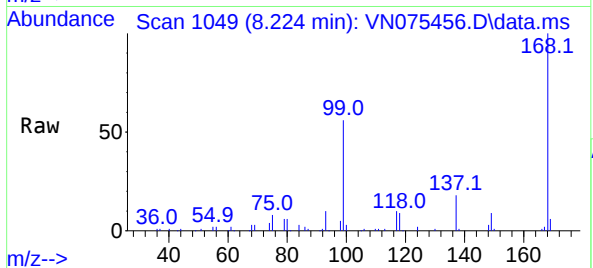




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VN075456.D
Acq: 28 Nov 2022 18:11

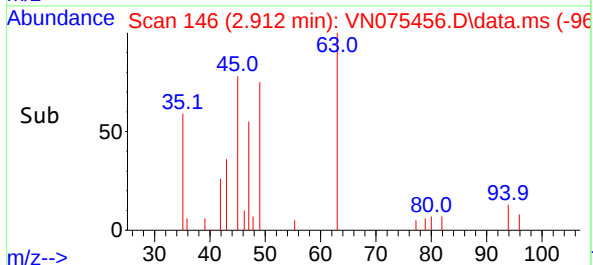
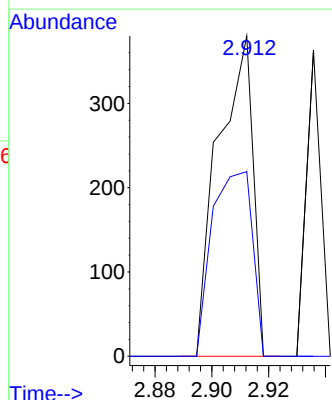
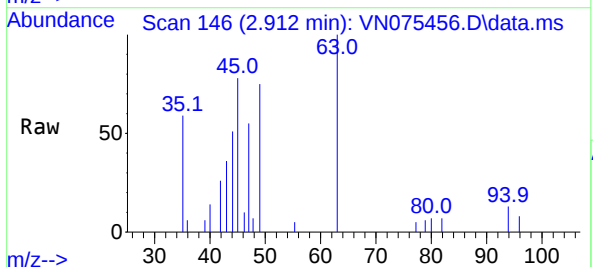
Instrument :
MSVOA_N
ClientSampleId :
VN1128MBL01

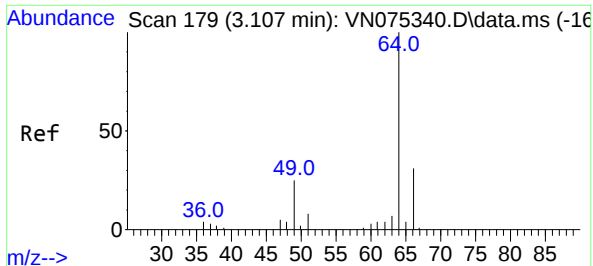
Tgt Ion:168 Resp: 138443
Ion Ratio Lower Upper
168 100
99 56.2 51.6 77.4



#5
Bromomethane
Concen: 0.221 ug/l
RT: 2.912 min Scan# 146
Delta R.T. -0.006 min
Lab File: VN075456.D
Acq: 28 Nov 2022 18:11

Tgt Ion: 94 Resp: 322
Ion Ratio Lower Upper
94 100
96 57.6 71.8 107.6#

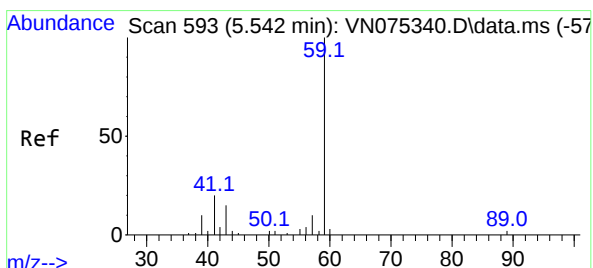
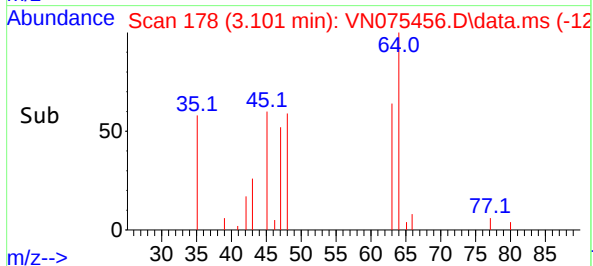
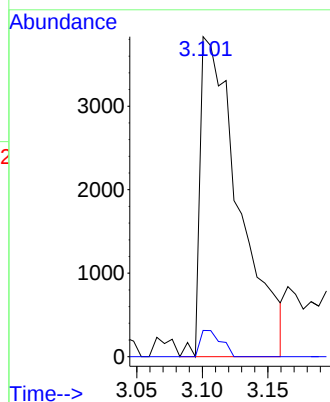
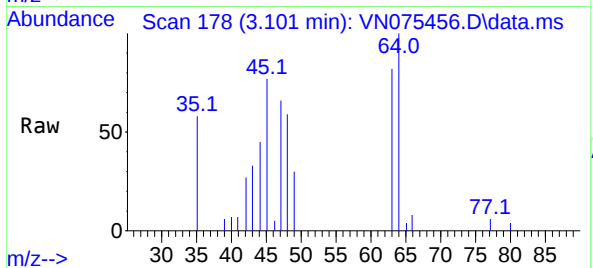




#6
Chloroethane
Concen: 6.302 ug/l
RT: 3.101 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075456.D
Acq: 28 Nov 2022 18:11

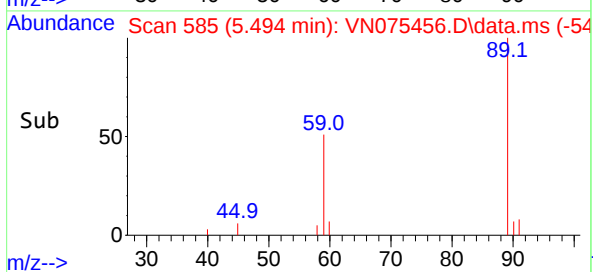
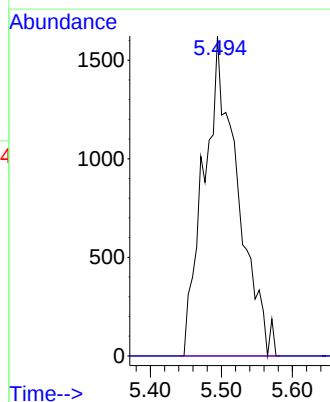
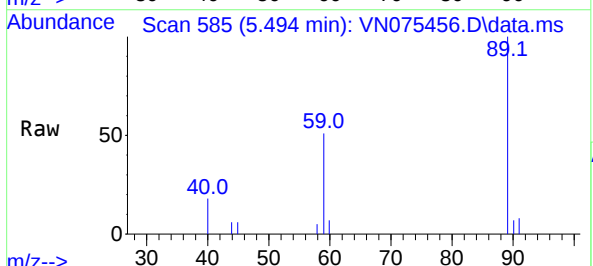
Instrument :
MSVOA_N
ClientSampleId :
VN1128MBL01

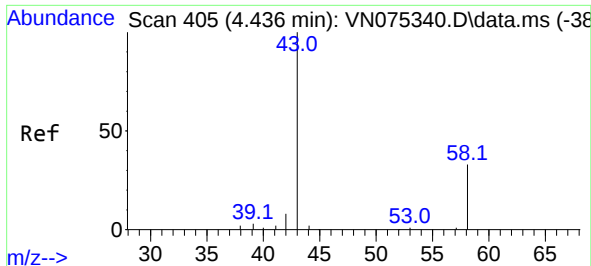
Tgt Ion: 64 Resp: 7927
Ion Ratio Lower Upper
64 100
66 8.2 23.8 35.8#



#11
Tert butyl alcohol
Concen: 17.149 ug/l
RT: 5.494 min Scan# 585
Delta R.T. -0.048 min
Lab File: VN075456.D
Acq: 28 Nov 2022 18:11

Tgt Ion: 59 Resp: 5350
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

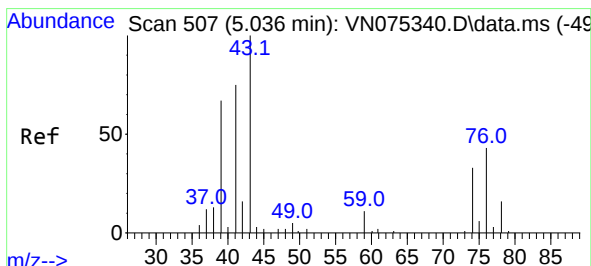
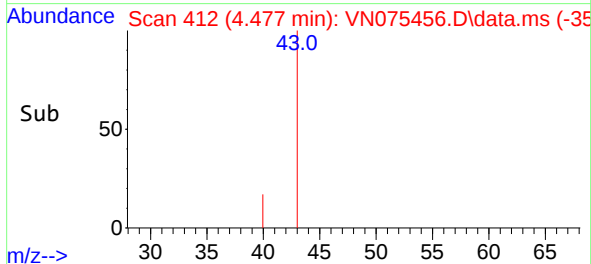
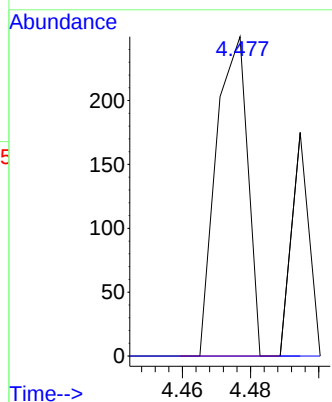
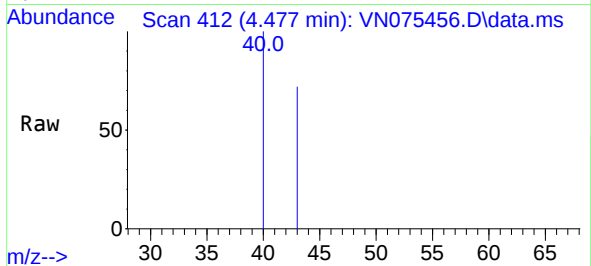




#16
Acetone
Concen: 0.231 ug/l
RT: 4.477 min Scan# 412
Delta R.T. 0.041 min
Lab File: VN075456.D
Acq: 28 Nov 2022 18:11

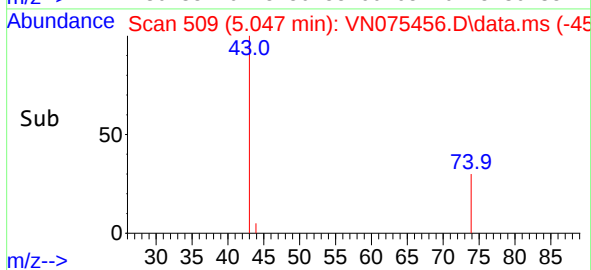
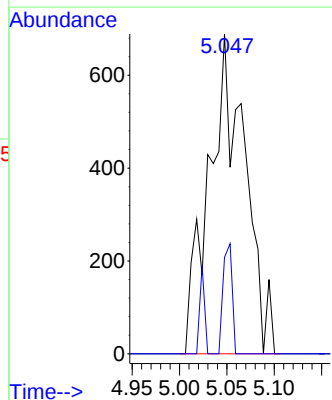
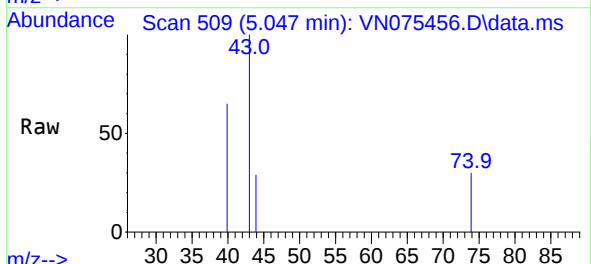
Instrument :
MSVOA_N
ClientSampleId :
VN1128MBL01

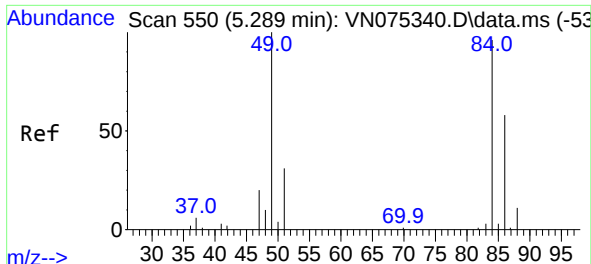
Tgt Ion: 43 Resp: 160
Ion Ratio Lower Upper
43 100
58 0.0 25.5 38.3#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.047 min Scan# 509
Delta R.T. 0.011 min
Lab File: VN075456.D
Acq: 28 Nov 2022 18:11

Tgt Ion: 43 Resp: 1823
Ion Ratio Lower Upper
43 100
74 8.6 22.0 33.0#



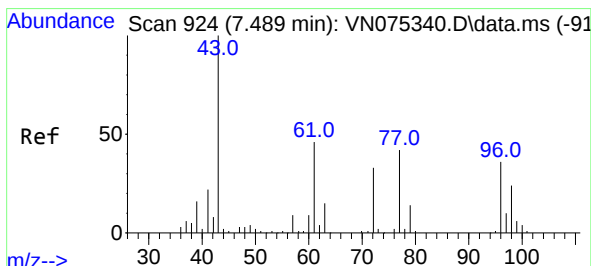
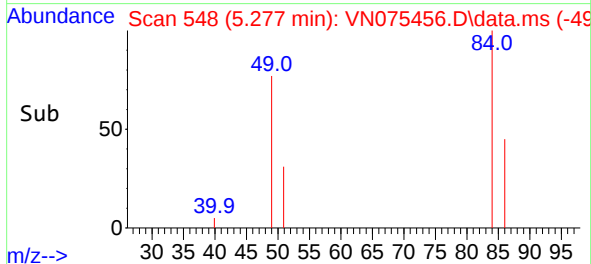
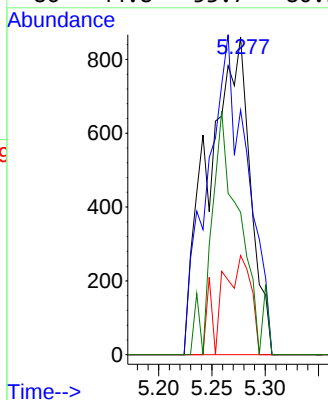
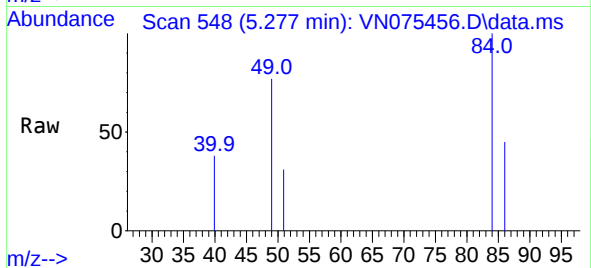


#20
Methylene Chloride
Concen: 0.407 ug/l
RT: 5.277 min Scan# 54
Delta R.T. -0.012 min
Lab File: VN075456.D
Acq: 28 Nov 2022 18:11

Instrument :
MSVOA_N
ClientSampleId :
VN1128MBL01

Tgt Ion: 84 Resp: 2355

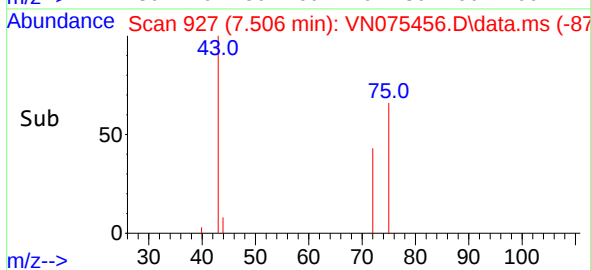
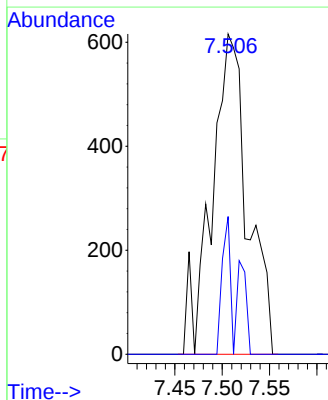
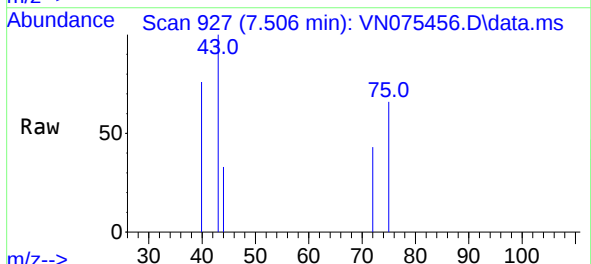
Ion	Ratio	Lower	Upper
84	100		
49	77.0	94.9	142.3#
51	31.2	26.8	40.2
86	44.8	53.7	80.5#

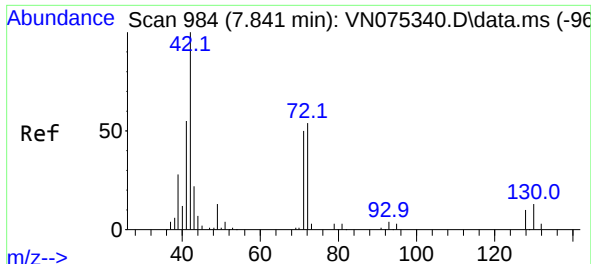


#25
2-Butanone
Concen: 1.679 ug/l
RT: 7.506 min Scan# 927
Delta R.T. 0.017 min
Lab File: VN075456.D
Acq: 28 Nov 2022 18:11

Tgt Ion: 43 Resp: 1625

Ion	Ratio	Lower	Upper
43	100		
72	43.0	25.5	38.3#

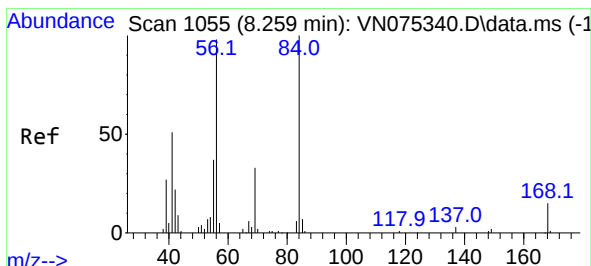
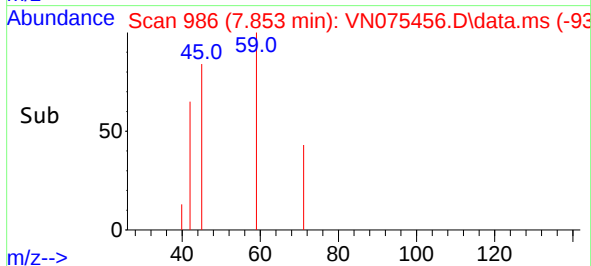
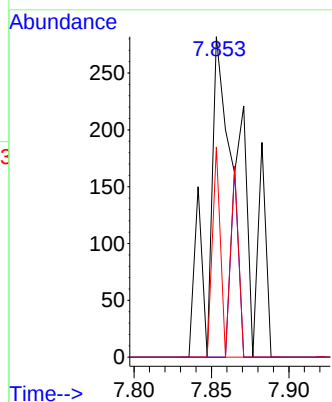
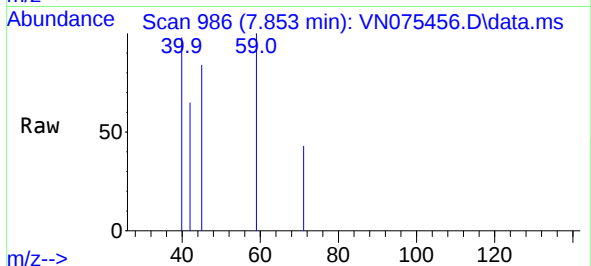




#29
Tetrahydrofuran
Concen: 0.722 ug/l
RT: 7.853 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN075456.D
Acq: 28 Nov 2022 18:11

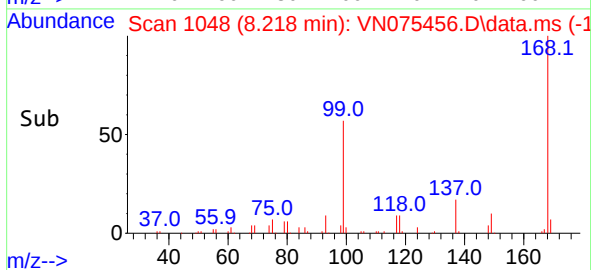
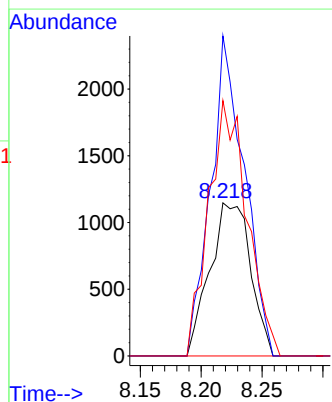
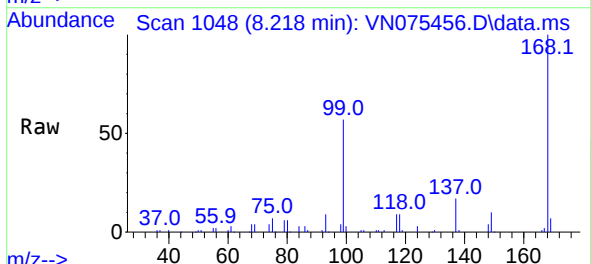
Instrument :
MSVOA_N
ClientSampleId :
VN1128MBL01

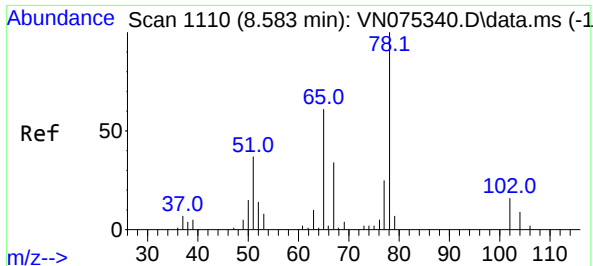
Tgt Ion: 42 Resp: 425
Ion Ratio Lower Upper
42 100
72 13.6 43.0 64.6#
71 29.4 39.9 59.9#



#31
Cyclohexane
Concen: 1.129 ug/l
RT: 8.218 min Scan# 1048
Delta R.T. -0.041 min
Lab File: VN075456.D
Acq: 28 Nov 2022 18:11

Tgt Ion: 56 Resp: 2665
Ion Ratio Lower Upper
56 100
69 209.1 25.2 37.8#
84 166.9 77.8 116.8#

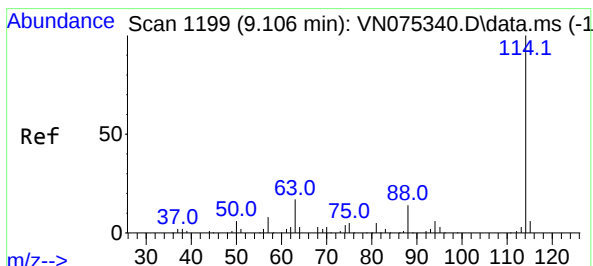
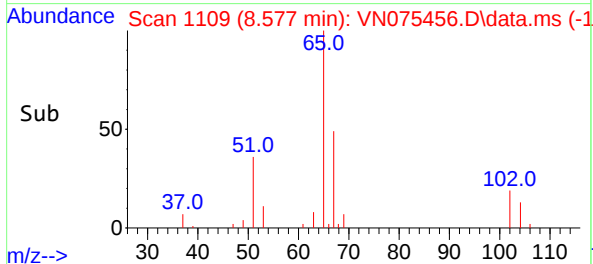
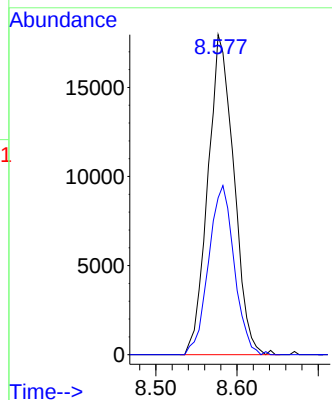
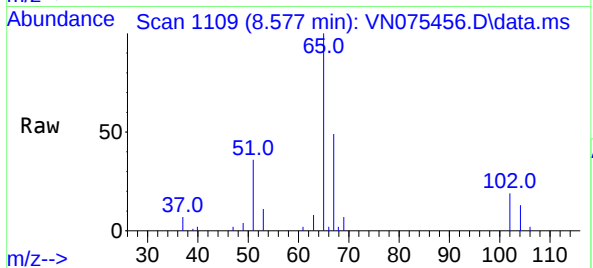




#33
1,2-Dichloroethane-d4
Concen: 53.649 ug/l
RT: 8.577 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VN075456.D
Acq: 28 Nov 2022 18:11

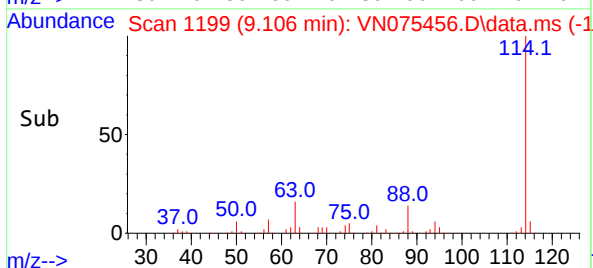
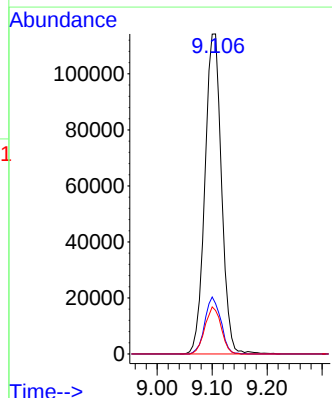
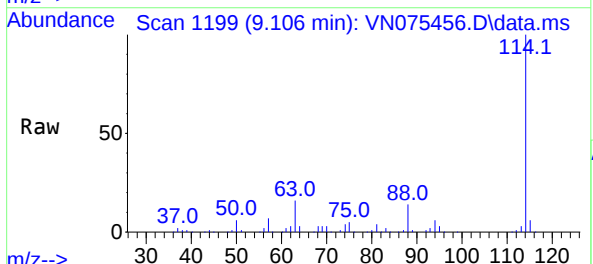
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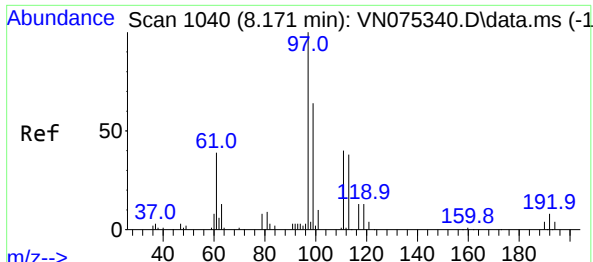
Tgt Ion: 65 Resp: 39869
Ion Ratio Lower Upper
65 100
67 52.2 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075456.D
Acq: 28 Nov 2022 18:11

Tgt Ion: 114 Resp: 239283
Ion Ratio Lower Upper
114 100
63 15.7 0.0 39.6
88 13.6 0.0 29.0

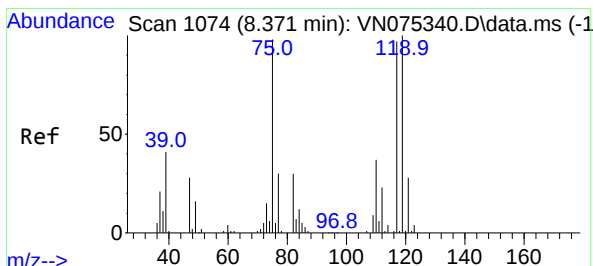
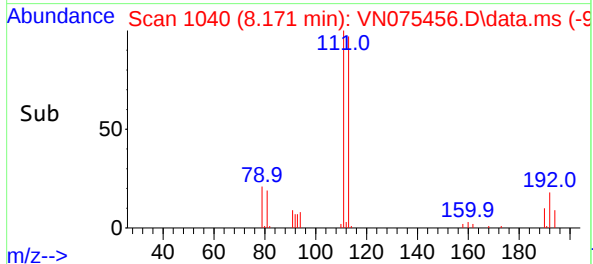
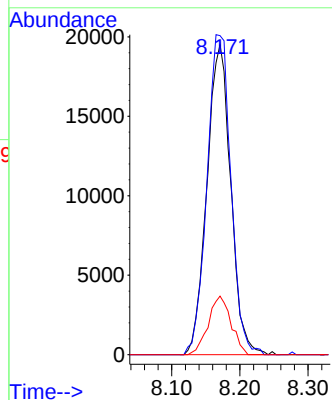
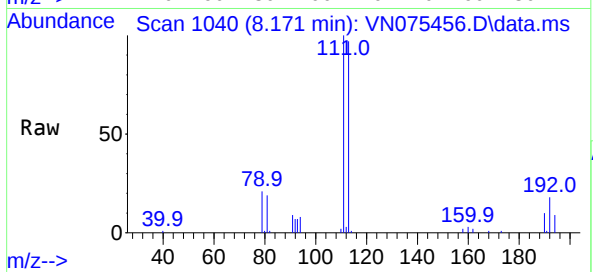




#35
Dibromofluoromethane
Concen: 50.449 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075456.D
Acq: 28 Nov 2022 18:11

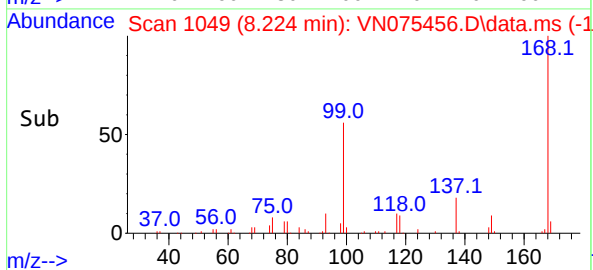
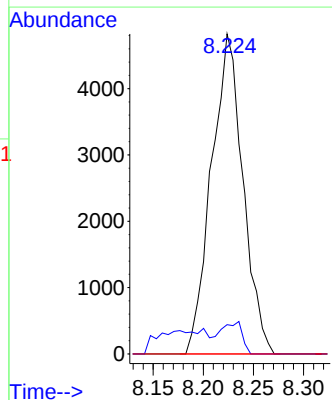
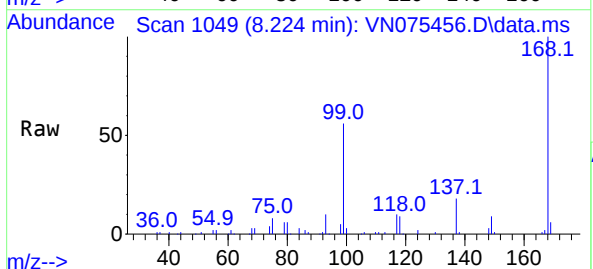
Instrument :
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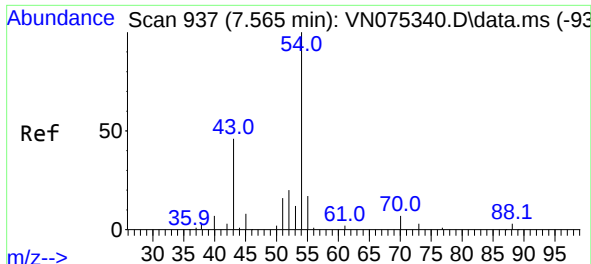
Tgt Ion:113 Resp: 47421
Ion Ratio Lower Upper
113 100
111 104.0 80.5 120.7
192 18.0 13.2 19.8



#36
1,1-Dichloropropene
Concen: 5.145 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.147 min
Lab File: VN075456.D
Acq: 28 Nov 2022 18:11

Tgt Ion: 75 Resp: 10546
Ion Ratio Lower Upper
75 100
110 6.3 17.8 53.3#
77 0.0 24.6 37.0#

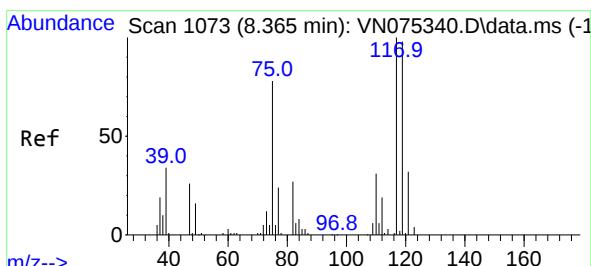
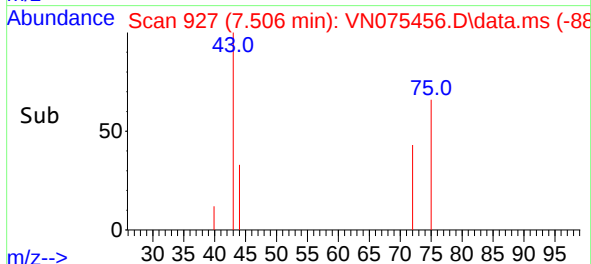
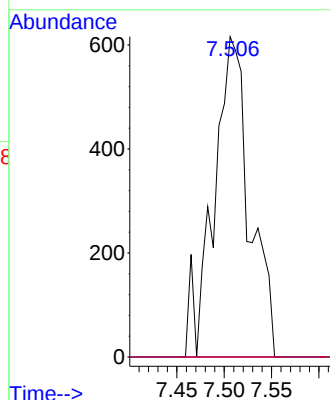
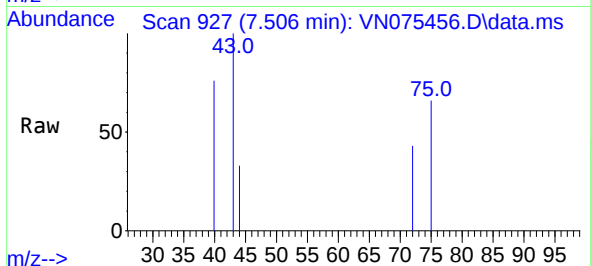




#37
Ethyl Acetate
Concen: 0.880 ug/l
RT: 7.506 min Scan# 91
Delta R.T. -0.059 min
Lab File: VN075456.D
Acq: 28 Nov 2022 18:11

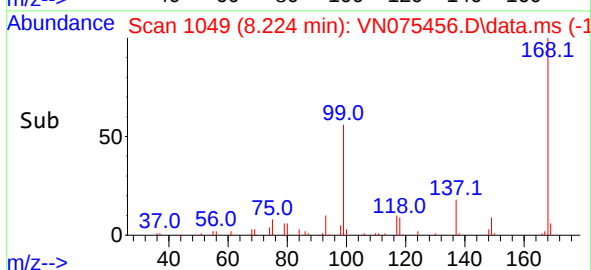
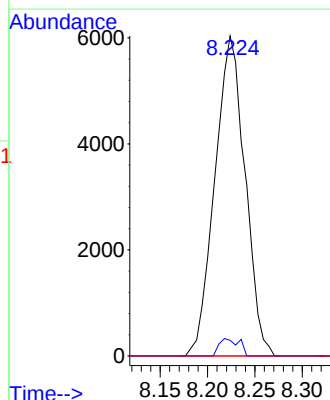
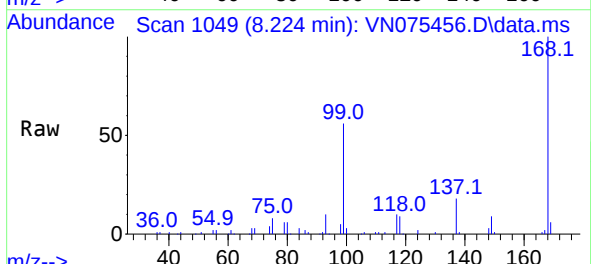
Instrument :
MSVOA_N
ClientSampleId :
VN1128MBL01

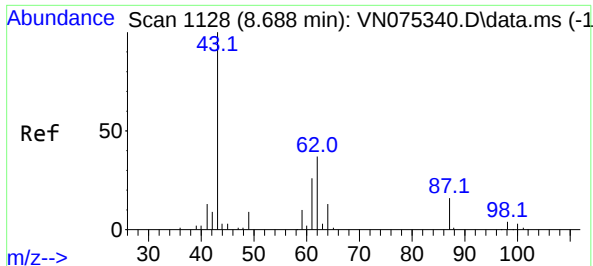
Tgt Ion: 43 Resp: 1625
Ion Ratio Lower Upper
43 100
61 0.0 12.2 18.4#
70 0.0 9.4 14.2#



#38
Carbon Tetrachloride
Concen: 5.944 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.141 min
Lab File: VN075456.D
Acq: 28 Nov 2022 18:11

Tgt Ion: 117 Resp: 13385
Ion Ratio Lower Upper
117 100
119 4.9 76.7 115.1#
121 0.0 23.9 35.9#

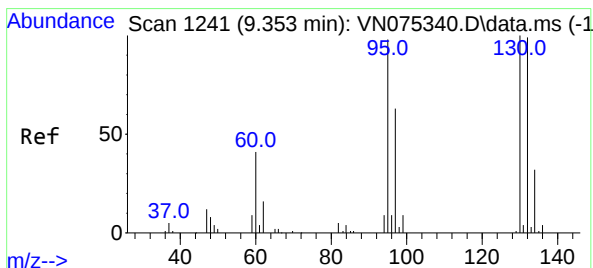
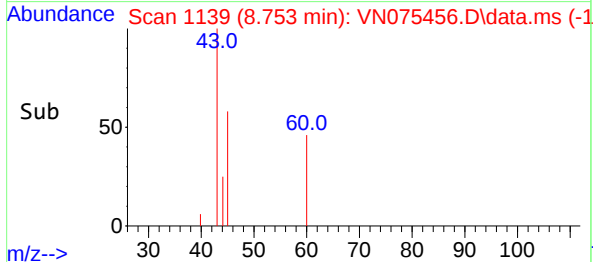
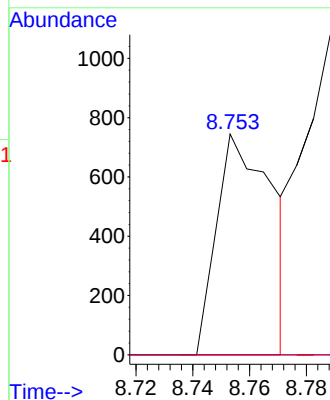
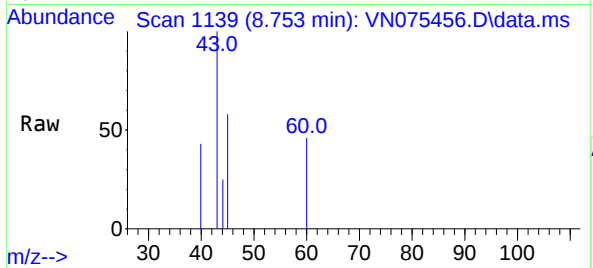




#43
Isopropyl Acetate
Concen: 0.344 ug/l
RT: 8.753 min Scan# 1128
Delta R.T. 0.065 min
Lab File: VN075456.D
Acq: 28 Nov 2022 18:11

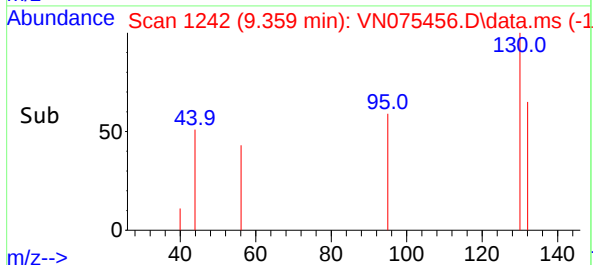
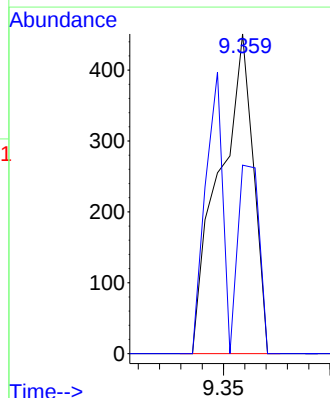
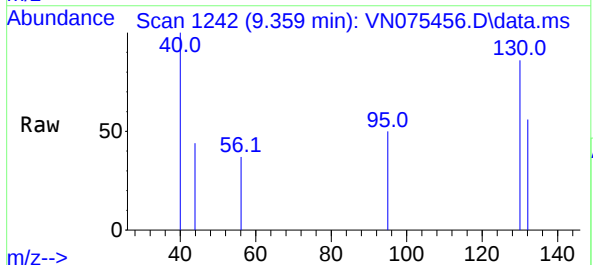
Instrument :
MSVOA_N
ClientSampleId :
VN1128MBL01

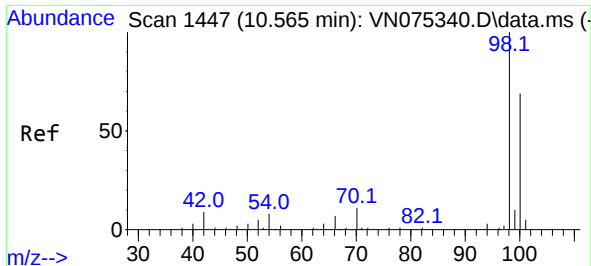
Tgt Ion: 43 Resp: 1018
Ion Ratio Lower Upper
43 100
61 0.0 22.4 33.6#
87 0.0 12.5 18.7#



#44
Trichloroethene
Concen: 0.291 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN075456.D
Acq: 28 Nov 2022 18:11

Tgt Ion: 130 Resp: 499
Ion Ratio Lower Upper
130 100
95 59.0 0.0 198.4

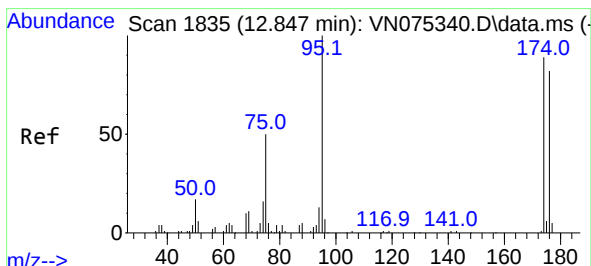
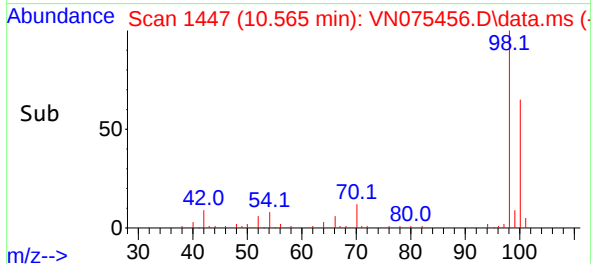
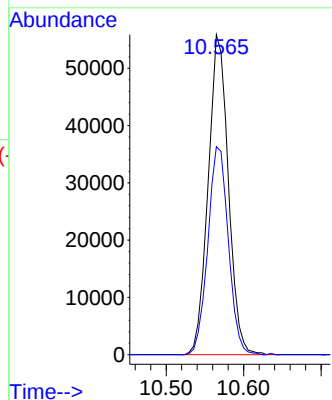
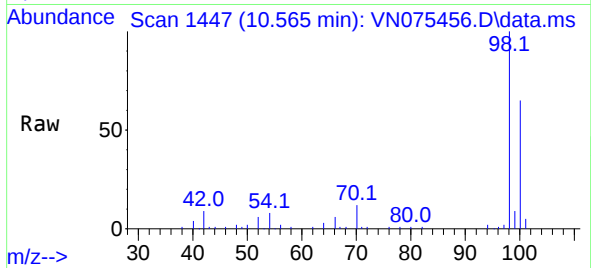




#50
Toluene-d8
Concen: 47.756 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN075456.D
Acq: 28 Nov 2022 18:11

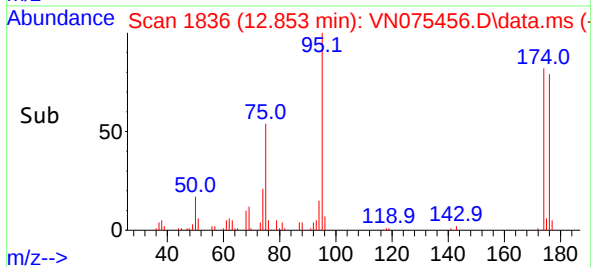
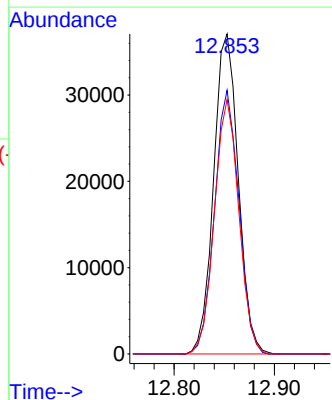
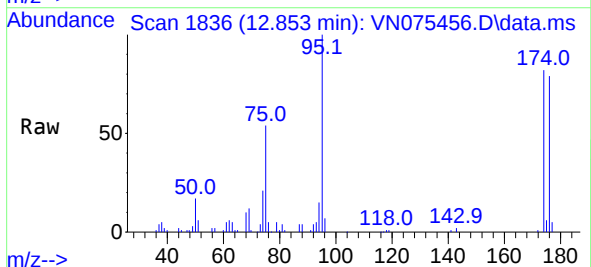
Instrument :
MSVOA_N
ClientSampleId :
VN1128MBL01

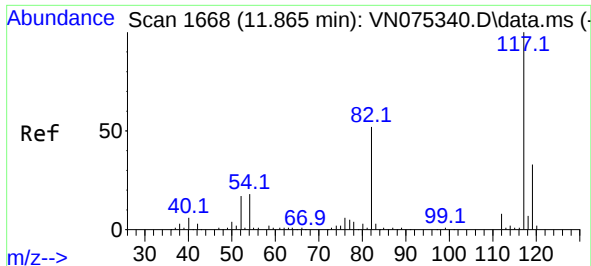
Tgt Ion: 98 Resp: 101104
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 40.477 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075456.D
Acq: 28 Nov 2022 18:11

Tgt Ion: 95 Resp: 63251
Ion Ratio Lower Upper
95 100
174 81.7 0.0 147.4
176 78.9 0.0 142.2

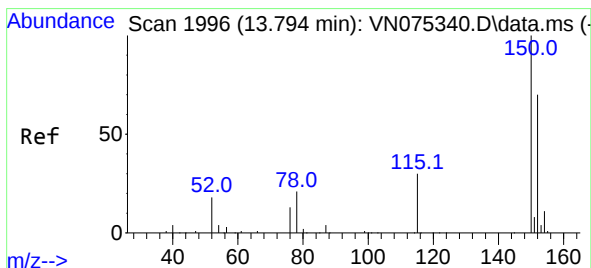
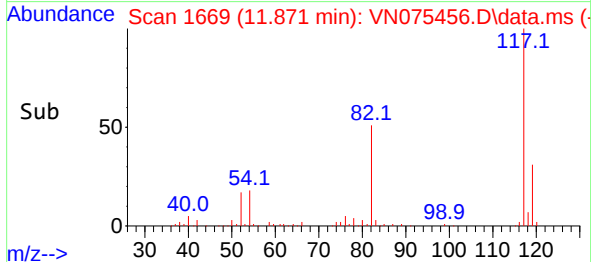
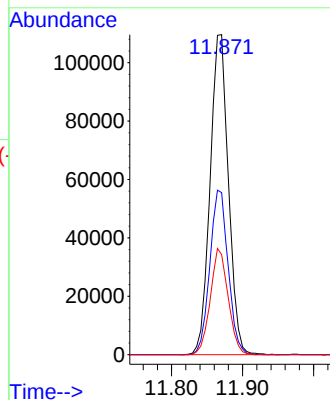
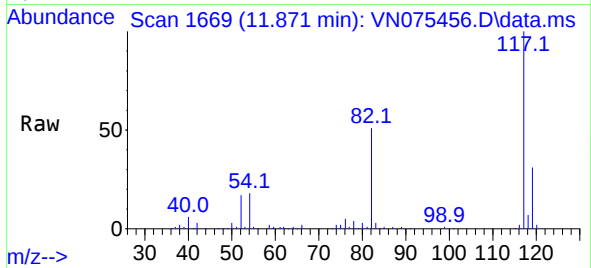




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN075456.D
Acq: 28 Nov 2022 18:11

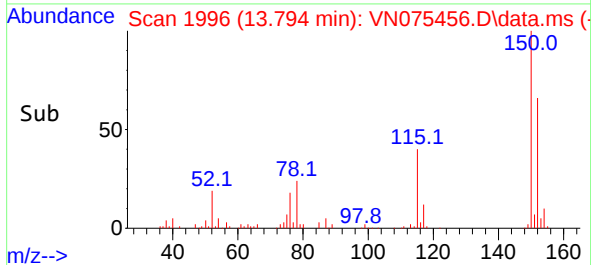
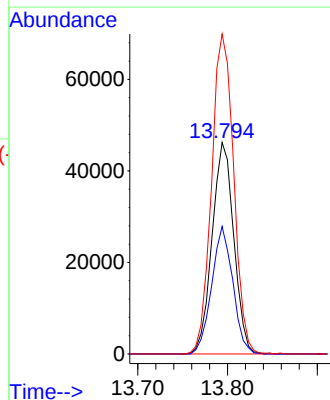
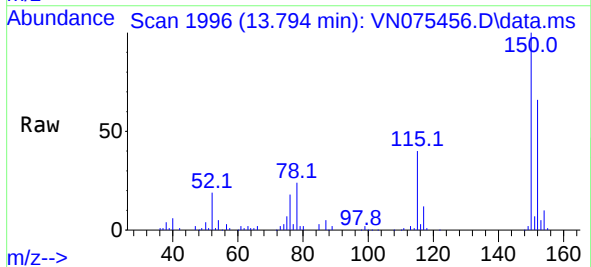
Instrument :
MSVOA_N
ClientSampleId :
VN1128MBL01

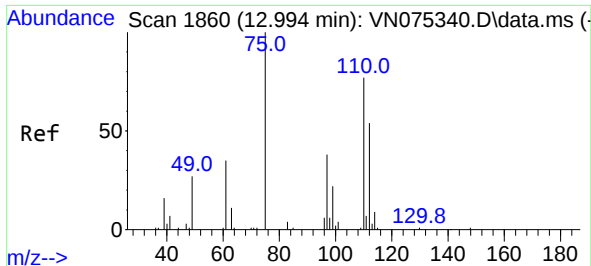
Tgt Ion:117 Resp: 196305
Ion Ratio Lower Upper
117 100
82 50.6 43.1 64.7
119 31.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075456.D
Acq: 28 Nov 2022 18:11

Tgt Ion:152 Resp: 77723
Ion Ratio Lower Upper
152 100
115 58.5 30.2 90.6
150 153.7 0.0 348.4

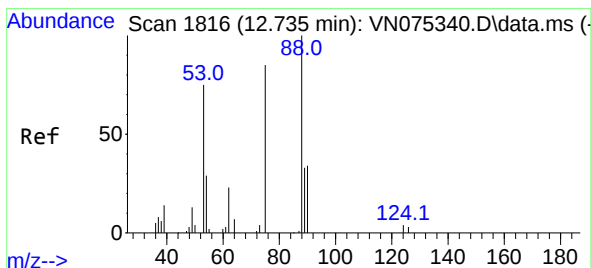
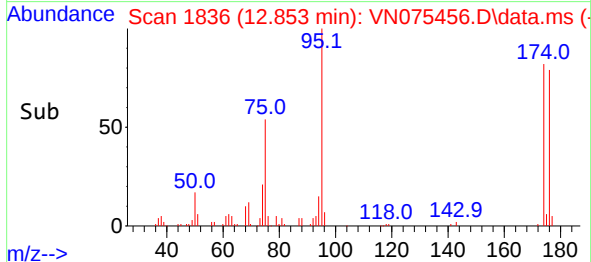
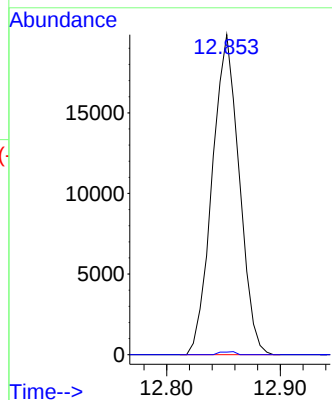
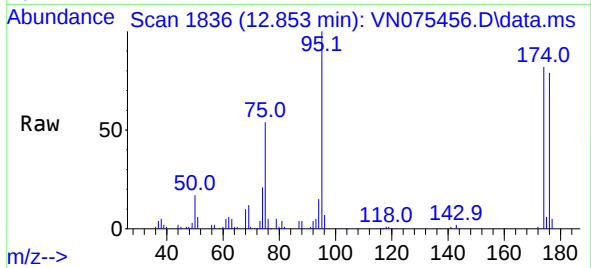




#76
1,2,3-Trichloropropane
Concen: 22.346 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075456.D
Acq: 28 Nov 2022 18:11

Instrument :
MSVOA_N
ClientSampleId :
VN1128MBL01

Tgt Ion: 75 Resp: 32838
Ion Ratio Lower Upper
75 100
77 0.5 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.116 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN075456.D
Acq: 28 Nov 2022 18:11

Tgt Ion: 75 Resp: 32838
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

