

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112122\
 Data File : VN075349.D
 Acq On : 21 Nov 2022 18:18
 Operator : JC\MD
 Sample : N5699-01ME
 Misc : 5.06g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 22 08:19:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 08:17:11 2022
 Response via : Initial Calibration

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

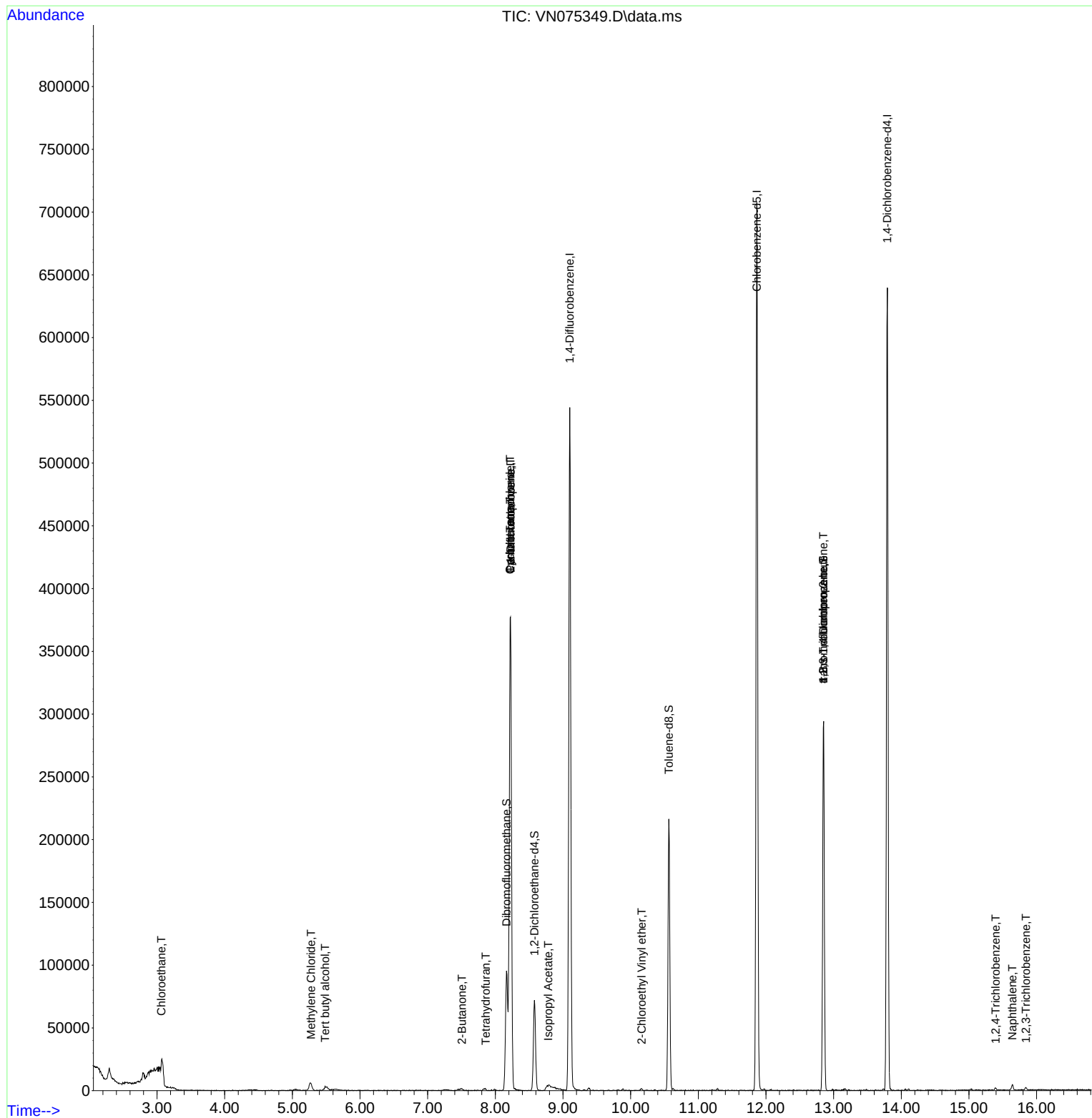
Internal Standards						
1) Pentafluorobenzene	8.224	168	295546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	504148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	425656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	181109	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	57166	36.034	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	72.060%#		
35) Dibromofluoromethane	8.165	113	68931	34.806	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	69.620%#		
50) Toluene-d8	10.565	98	156320	35.045	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	70.100%#		
62) 4-Bromofluorobenzene	12.847	95	100738	30.597	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	61.200%#		
Target Compounds						Qvalue
6) Chloroethane	3.065	64	8175	1.801	ug/l #	52
11) Tert butyl alcohol	5.483	59	3186	4.784	ug/l #	72
18) Methyl Acetate	5.042	43	1182	Below Cal	#	88
20) Methylene Chloride	5.277	84	5686	0.632	ug/l #	80
25) 2-Butanone	7.506	43	1782	0.863	ug/l #	87
29) Tetrahydrofuran	7.859	42	497	0.395	ug/l #	51
31) Cyclohexane	8.218	56	5604	1.112	ug/l #	26
36) 1,1-Dichloropropene	8.224	75	21696	5.023	ug/l #	51
38) Carbon Tetrachloride	8.218	117	31061	6.547	ug/l #	18
43) Isopropyl Acetate	8.783	43	8055	1.290	ug/l #	53
58) 2-Chloroethyl Vinyl ether	10.165	63	756	0.447	ug/l #	59
76) 1,2,3-Trichloropropane	12.847	75	52291	15.271	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	52291	45.182	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.394	180	930	0.301	ug/l	81
95) Naphthalene	15.641	128	4950	0.509	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.841	180	1069	0.352	ug/l	89

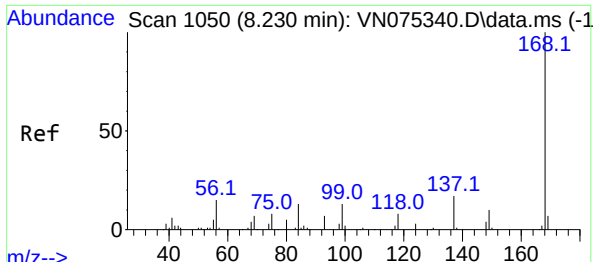
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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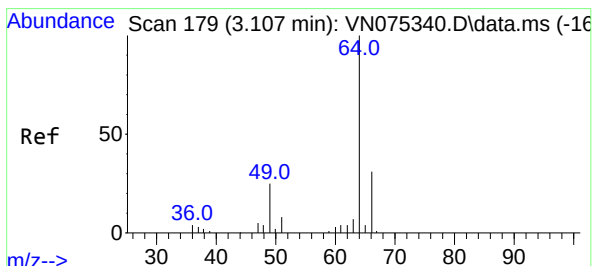
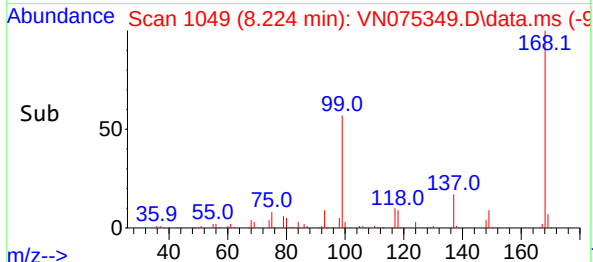
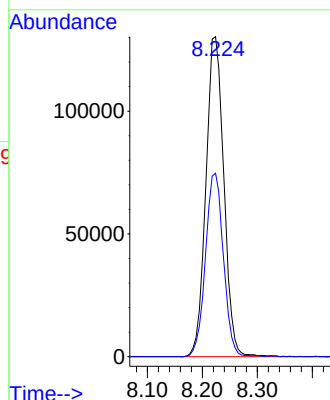
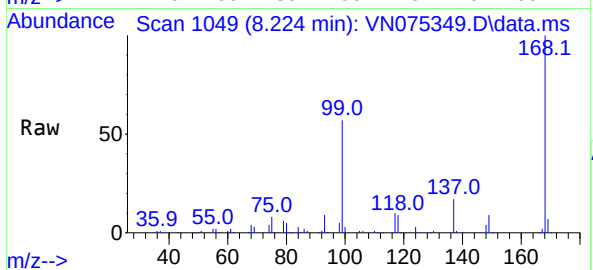




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VN075349.D
Acq: 21 Nov 2022 18:18

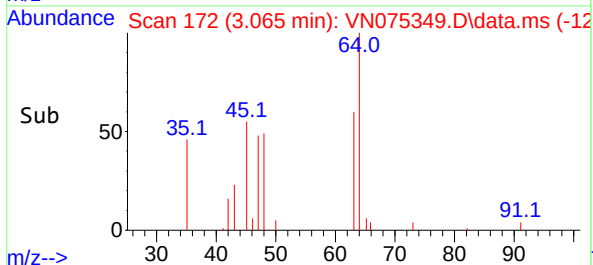
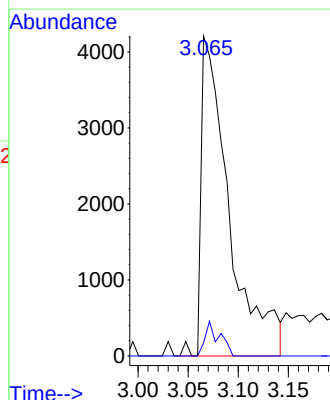
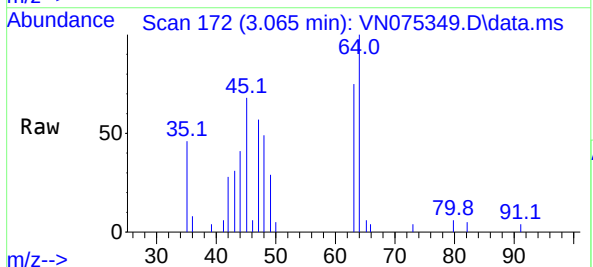
Instrument :
MSVOA_N
ClientSampleId :

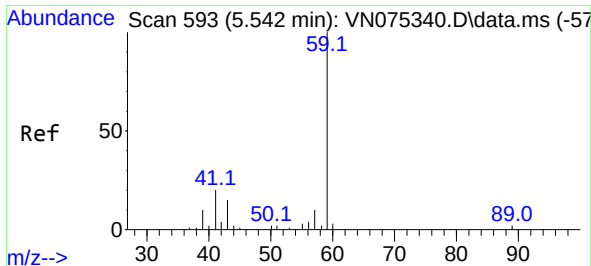
Tgt Ion:168 Resp: 295546
Ion Ratio Lower Upper
168 100
99 57.3 51.6 77.4



#6
Chloroethane
Concen: 1.801 ug/l
RT: 3.065 min Scan# 172
Delta R.T. -0.042 min
Lab File: VN075349.D
Acq: 21 Nov 2022 18:18

Tgt Ion: 64 Resp: 8175
Ion Ratio Lower Upper
64 100
66 4.0 23.8 35.8#

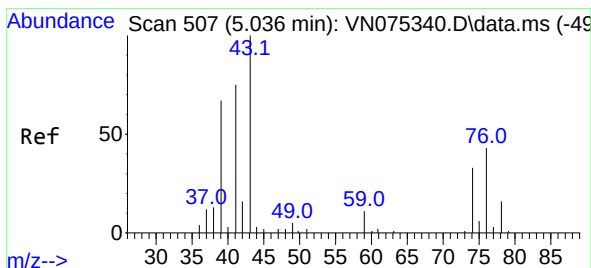
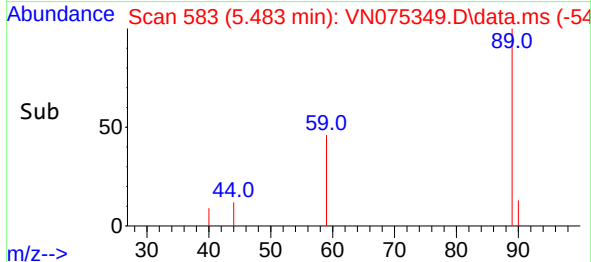
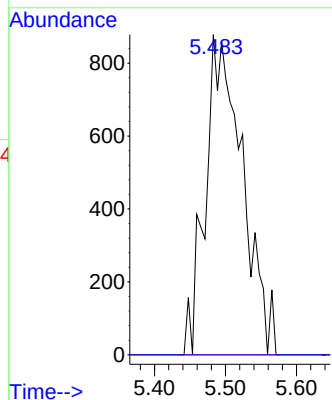
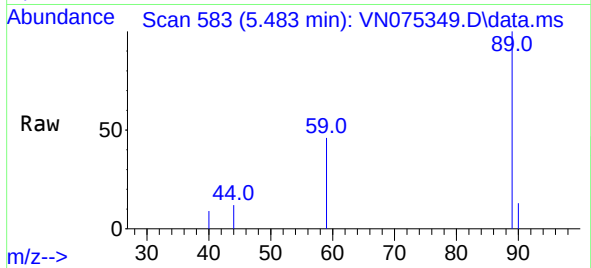




#11
Tert butyl alcohol
Concen: 4.784 ug/l
RT: 5.483 min Scan# 51
Delta R.T. -0.059 min
Lab File: VN075349.D
Acq: 21 Nov 2022 18:18

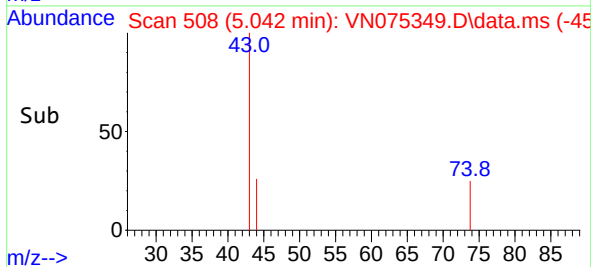
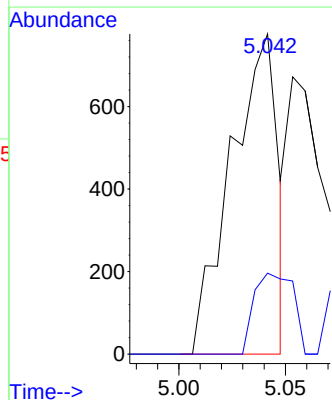
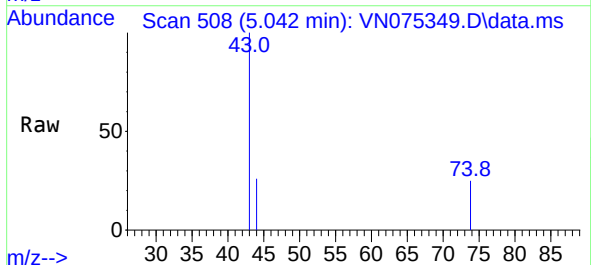
Instrument :
MSVOA_N
ClientSampleId :

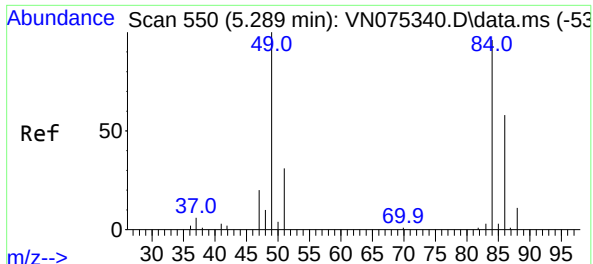
Tgt Ion: 59 Resp: 3186
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075349.D
Acq: 21 Nov 2022 18:18

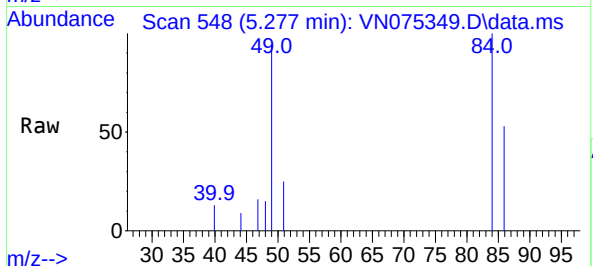
Tgt Ion: 43 Resp: 1182
Ion Ratio Lower Upper
43 100
74 21.2 22.0 33.0#





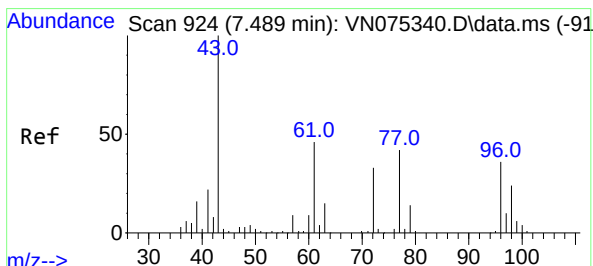
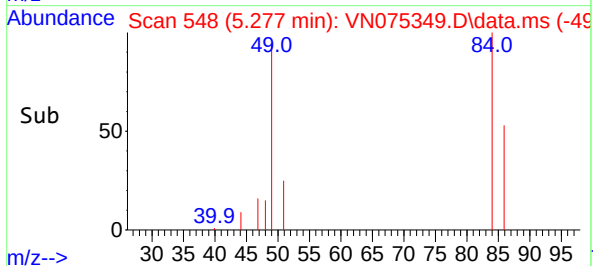
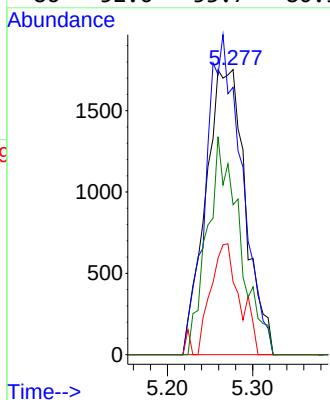
#20
Methylene Chloride
Concen: 0.632 ug/l
RT: 5.277 min Scan# 54
Delta R.T. -0.012 min
Lab File: VN075349.D
Acq: 21 Nov 2022 18:18

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 5686

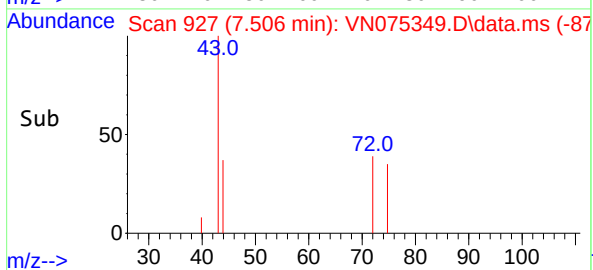
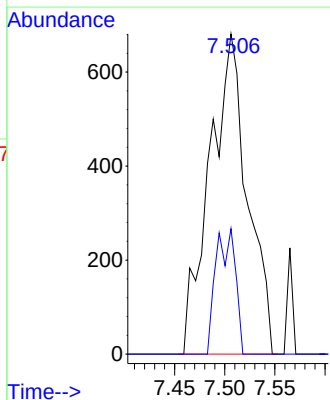
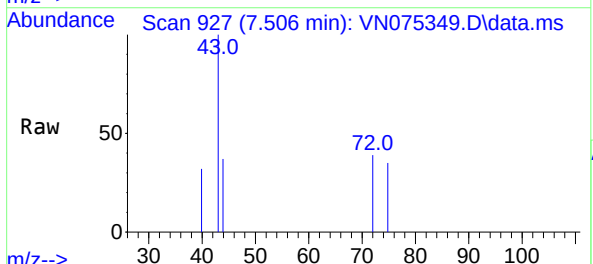
Ion	Ratio	Lower	Upper
84	100		
49	93.7	94.9	142.3#
51	25.5	26.8	40.2#
86	52.6	53.7	80.5#

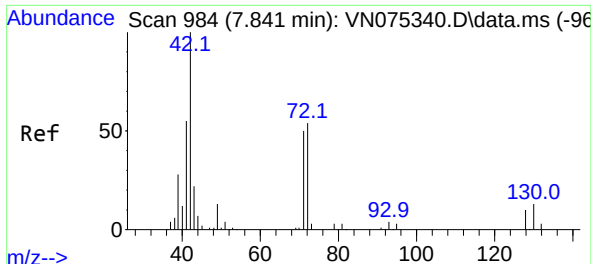


#25
2-Butanone
Concen: 0.863 ug/l
RT: 7.506 min Scan# 927
Delta R.T. 0.017 min
Lab File: VN075349.D
Acq: 21 Nov 2022 18:18

Tgt Ion: 43 Resp: 1782

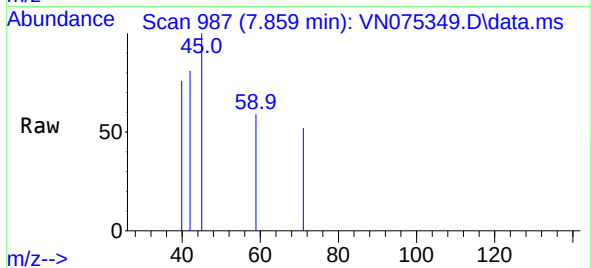
Ion	Ratio	Lower	Upper
43	100		
72	39.2	25.5	38.3#



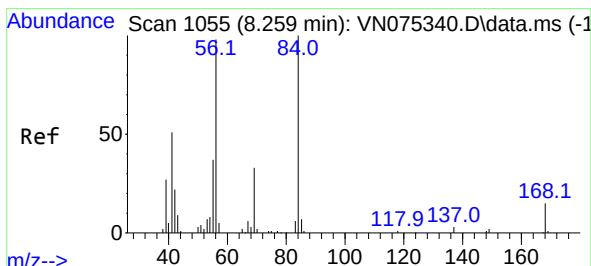
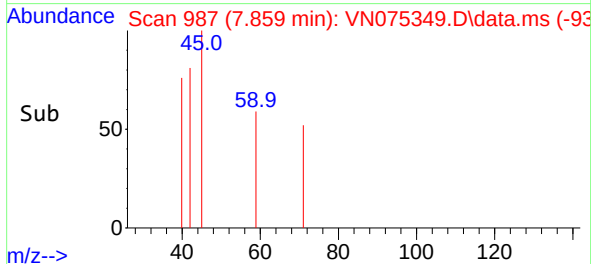
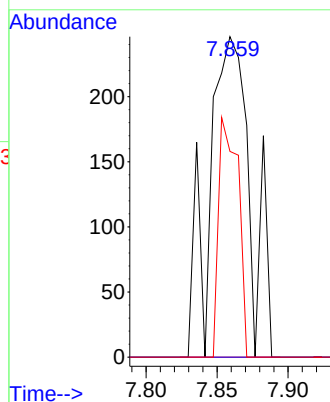


#29
Tetrahydrofuran
Concen: 0.395 ug/l
RT: 7.859 min Scan# 91
Delta R.T. 0.018 min
Lab File: VN075349.D
Acq: 21 Nov 2022 18:18

Instrument :
MSVOA_N
ClientSampleId :

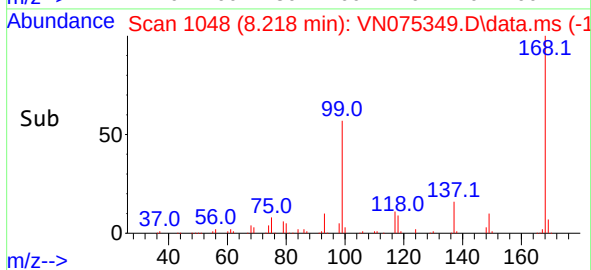
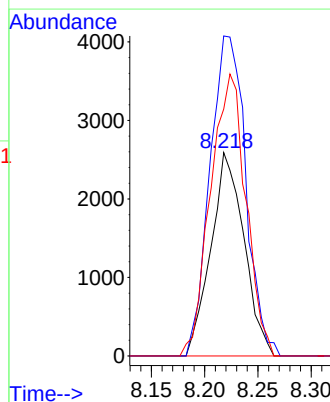
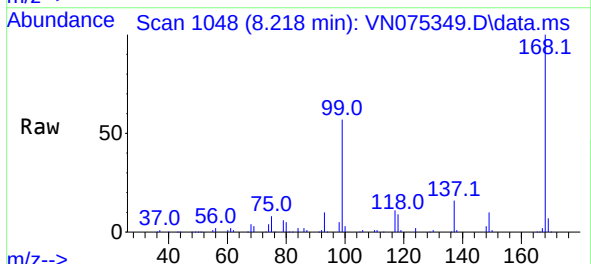


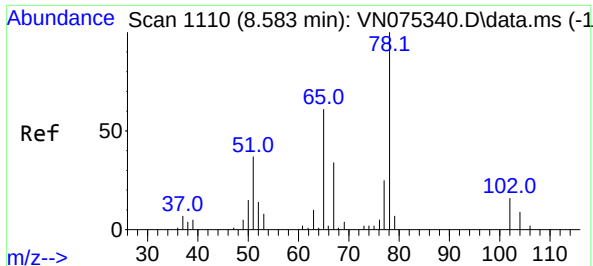
Tgt Ion: 42 Resp: 497
Ion Ratio Lower Upper
42 100
72 0.0 43.0 64.6#
71 35.2 39.9 59.9#



#31
Cyclohexane
Concen: 1.112 ug/l
RT: 8.218 min Scan# 1048
Delta R.T. -0.041 min
Lab File: VN075349.D
Acq: 21 Nov 2022 18:18

Tgt Ion: 56 Resp: 5604
Ion Ratio Lower Upper
56 100
69 157.4 25.2 37.8#
84 121.4 77.8 116.8#





#33

1,2-Dichloroethane-d4

Concen: 36.034 ug/l

RT: 8.577 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VN075349.D

Acq: 21 Nov 2022 18:18

Instrument :

MSVOA_N

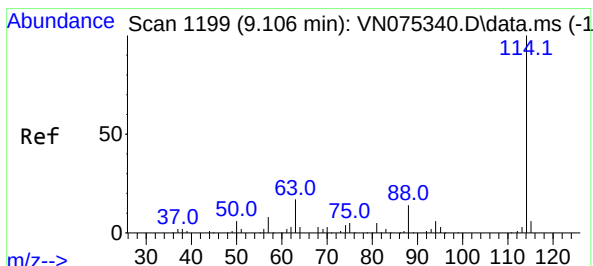
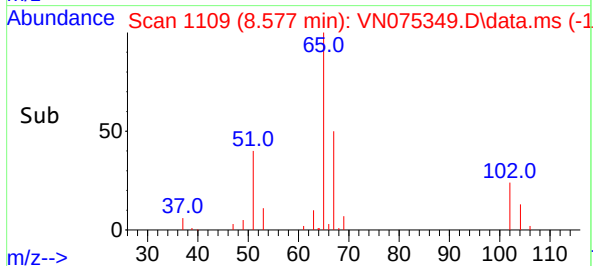
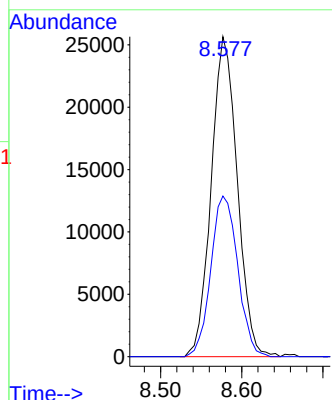
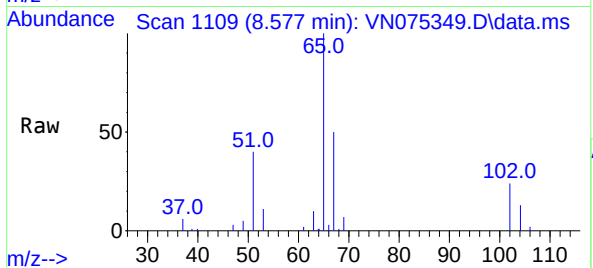
ClientSampleId :

Tgt Ion: 65 Resp: 57166

Ion Ratio Lower Upper

65 100

67 52.0 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1198

Delta R.T. -0.006 min

Lab File: VN075349.D

Acq: 21 Nov 2022 18:18

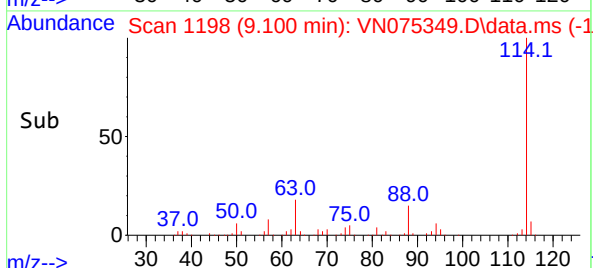
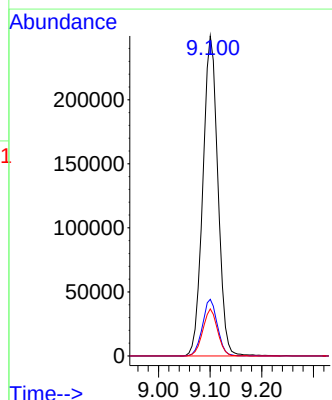
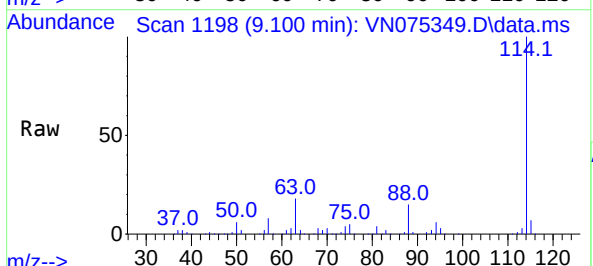
Tgt Ion: 114 Resp: 504148

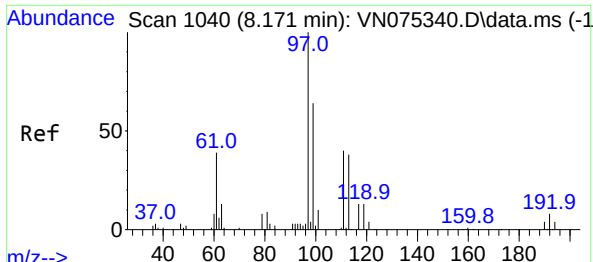
Ion Ratio Lower Upper

114 100

63 17.7 0.0 39.6

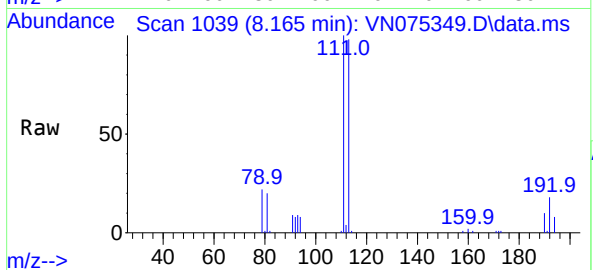
88 14.7 0.0 29.0



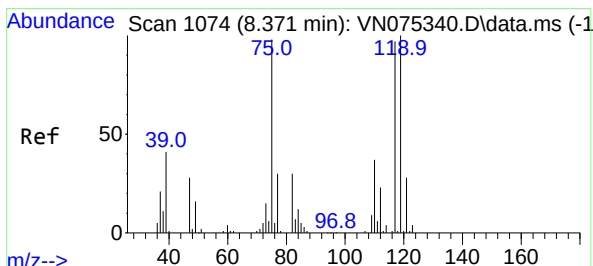
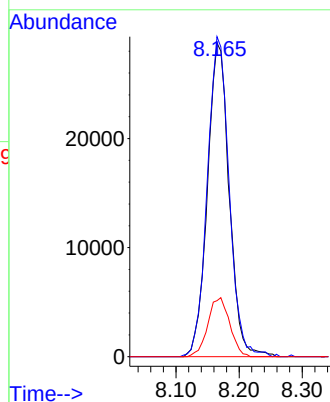
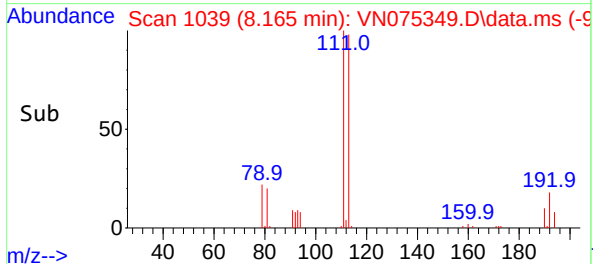


#35
Dibromofluoromethane
Concen: 34.806 ug/l
RT: 8.165 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VN075349.D
Acq: 21 Nov 2022 18:18

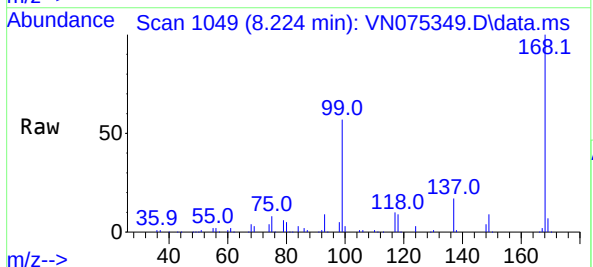
Instrument :
MSVOA_N
ClientSampleId :



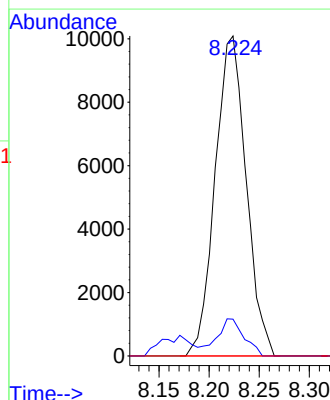
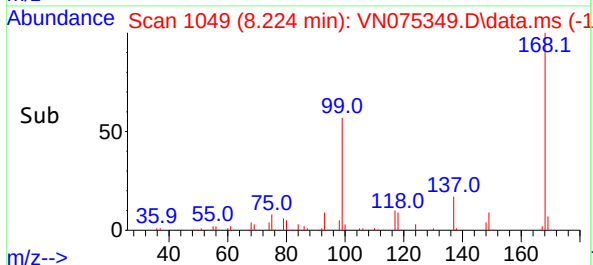
Tgt Ion:113 Resp: 68931
Ion Ratio Lower Upper
113 100
111 102.2 80.5 120.7
192 18.9 13.2 19.8

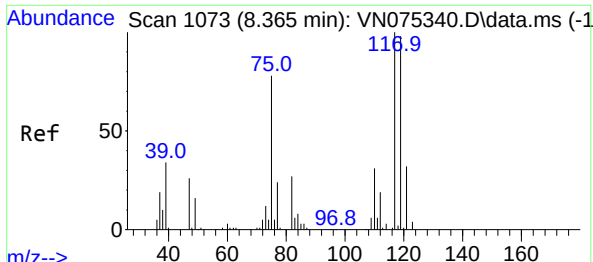


#36
1,1-Dichloropropene
Concen: 5.023 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.147 min
Lab File: VN075349.D
Acq: 21 Nov 2022 18:18



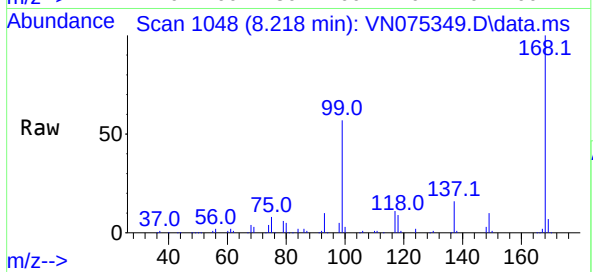
Tgt Ion: 75 Resp: 21696
Ion Ratio Lower Upper
75 100
110 10.2 17.8 53.3#
77 0.0 24.6 37.0#



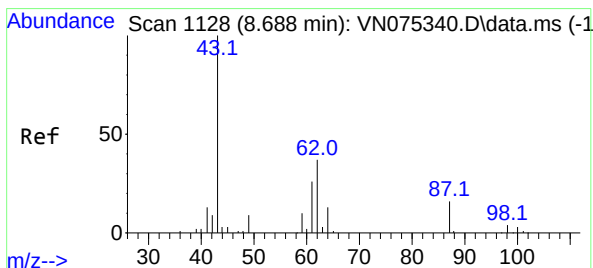
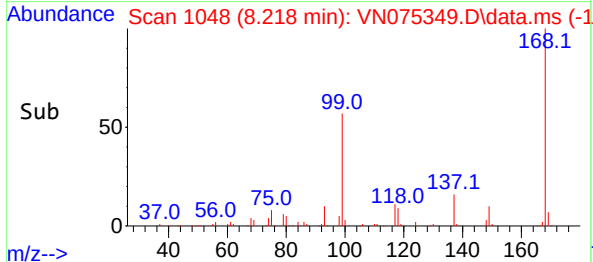
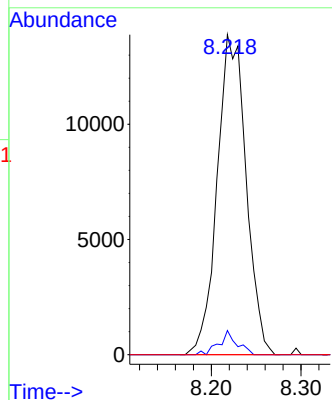


#38
Carbon Tetrachloride
Concen: 6.547 ug/l
RT: 8.218 min Scan# 1106
Delta R.T. -0.147 min
Lab File: VN075349.D
Acq: 21 Nov 2022 18:18

Instrument :
MSVOA_N
ClientSampleId :

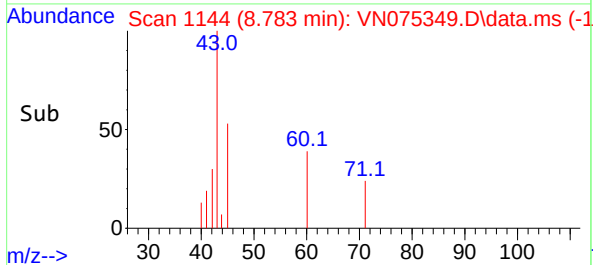
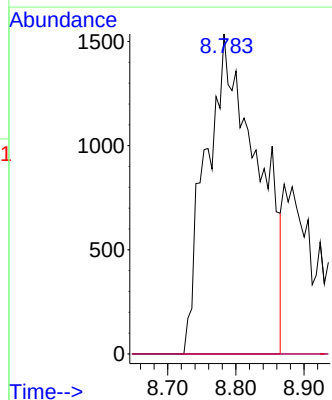
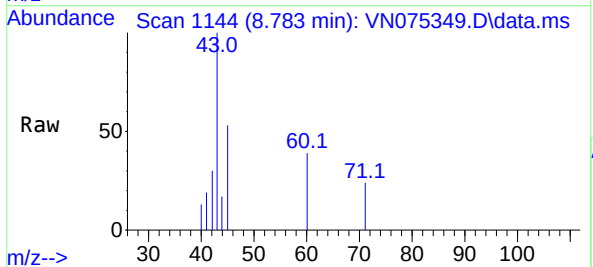


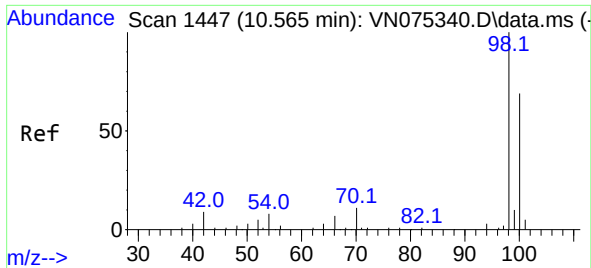
Tgt Ion:117 Resp: 31061
Ion Ratio Lower Upper
117 100
119 7.6 76.7 115.1#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 1.290 ug/l
RT: 8.783 min Scan# 1144
Delta R.T. 0.095 min
Lab File: VN075349.D
Acq: 21 Nov 2022 18:18

Tgt Ion: 43 Resp: 8055
Ion Ratio Lower Upper
43 100
61 0.0 22.4 33.6#
87 0.0 12.5 18.7#

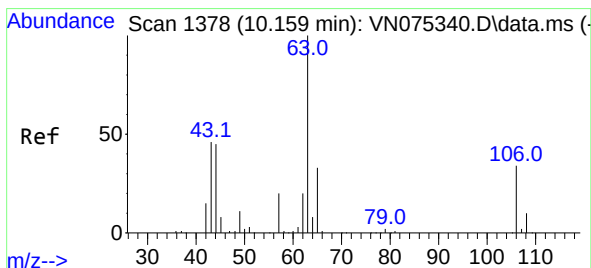
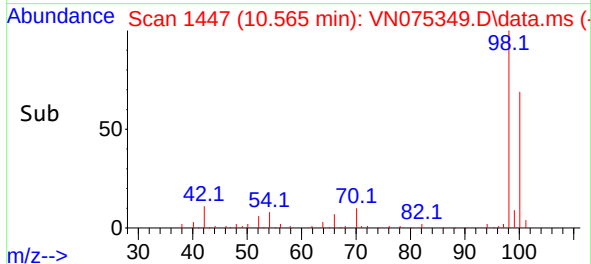
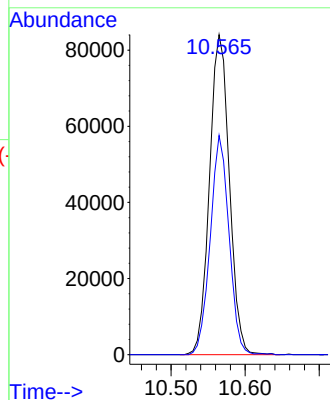
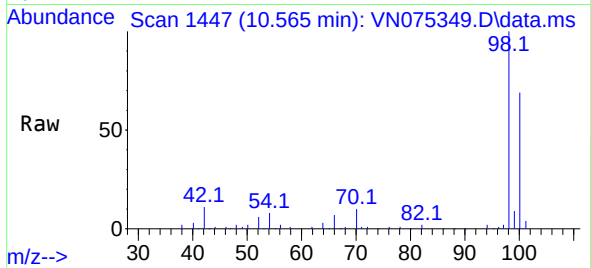




#50
Toluene-d8
Concen: 35.045 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN075349.D
Acq: 21 Nov 2022 18:18

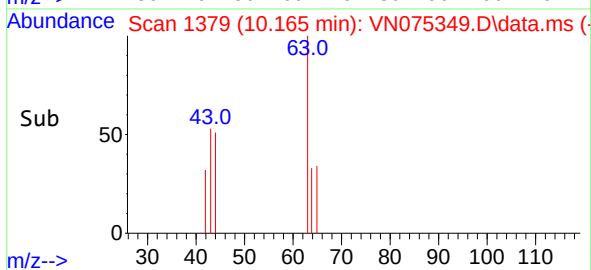
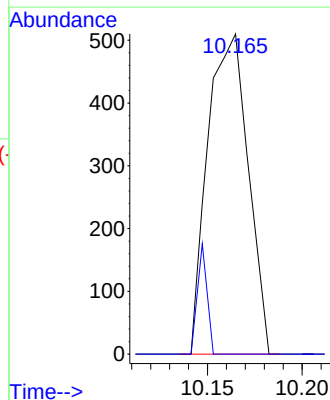
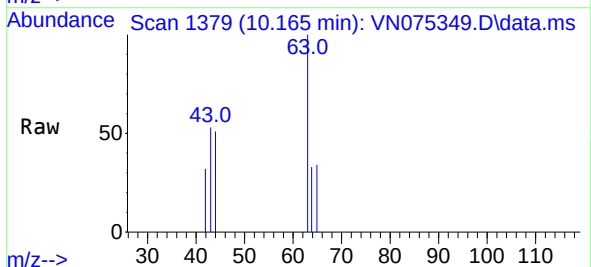
Instrument :
MSVOA_N
ClientSampleId :

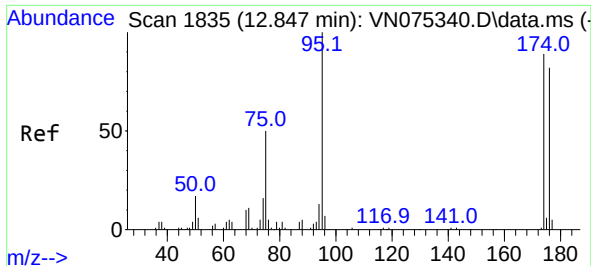
Tgt Ion: 98 Resp: 156320
Ion Ratio Lower Upper
98 100
100 64.8 53.0 79.6



#58
2-Chloroethyl Vinyl ether
Concen: 0.447 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. 0.006 min
Lab File: VN075349.D
Acq: 21 Nov 2022 18:18

Tgt Ion: 63 Resp: 756
Ion Ratio Lower Upper
63 100
106 8.2 24.8 37.2#

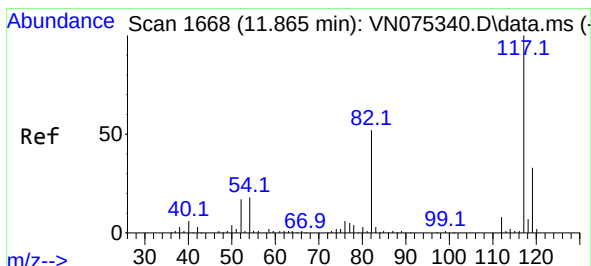
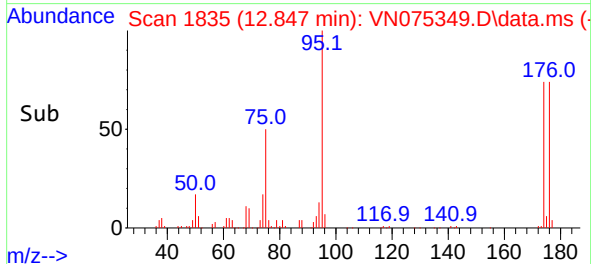
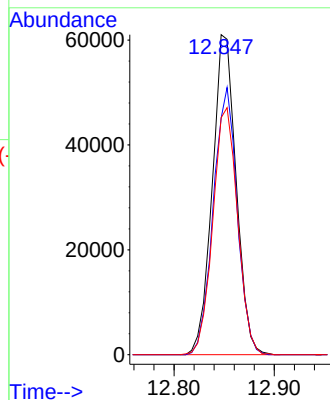
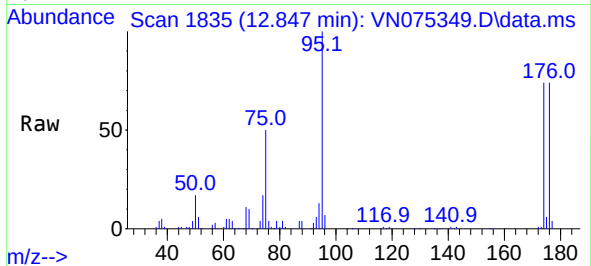




#62
4-Bromofluorobenzene
Concen: 30.597 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075349.D
Acq: 21 Nov 2022 18:18

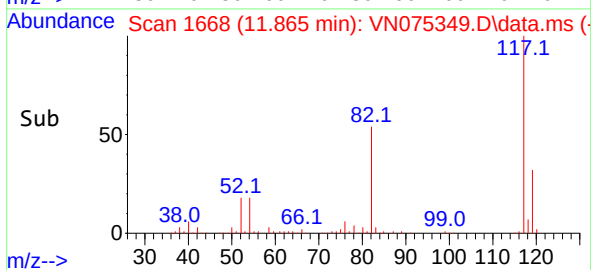
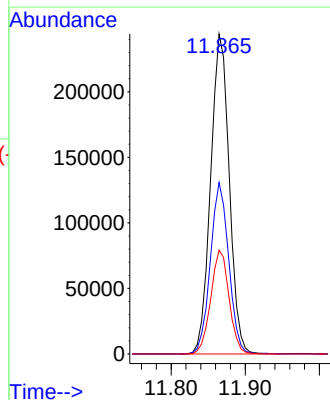
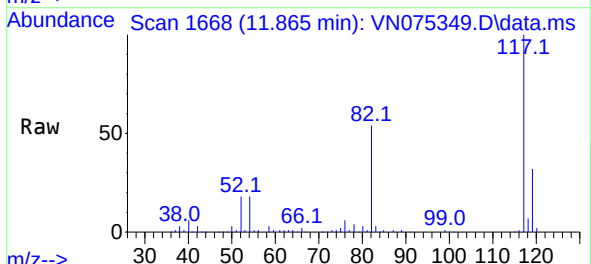
Instrument :
MSVOA_N
ClientSampleId :

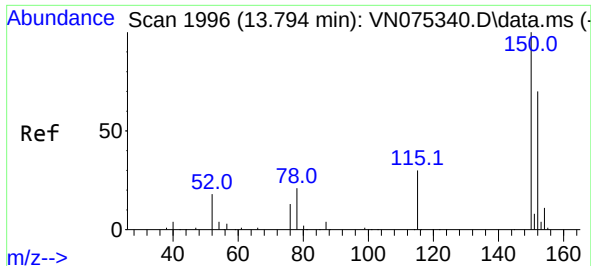
Tgt Ion: 95 Resp: 100738
Ion Ratio Lower Upper
95 100
174 83.4 0.0 147.4
176 80.0 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN075349.D
Acq: 21 Nov 2022 18:18

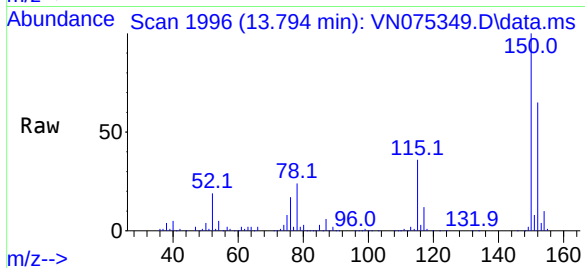
Tgt Ion: 117 Resp: 425656
Ion Ratio Lower Upper
117 100
82 53.5 43.1 64.7
119 32.4 25.5 38.3



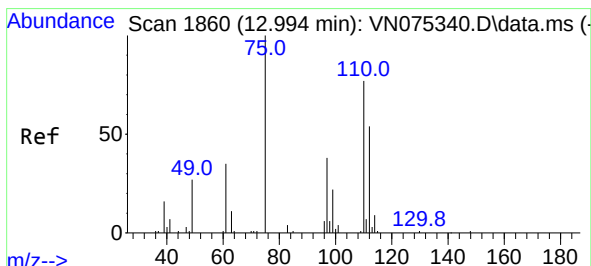
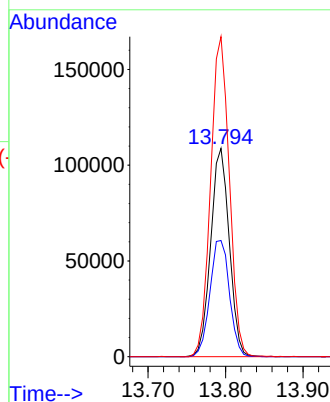
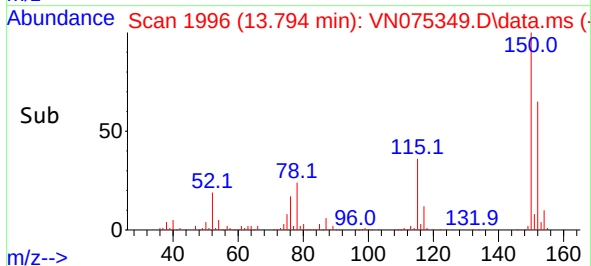


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075349.D
Acq: 21 Nov 2022 18:18

Instrument :
MSVOA_N
ClientSampleId :

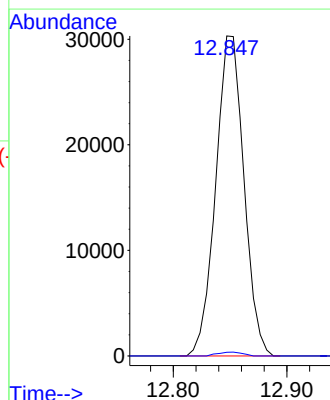
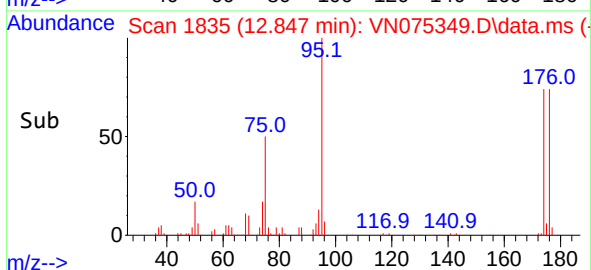
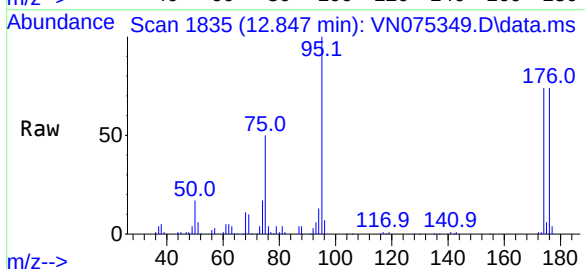


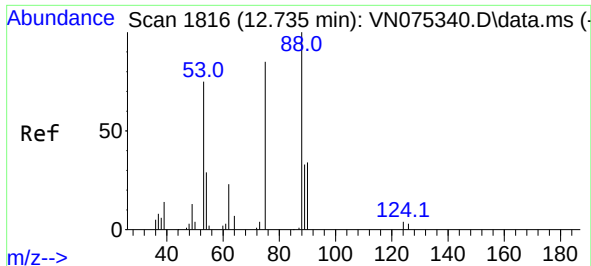
Tgt Ion:152 Resp: 181109
Ion Ratio Lower Upper
152 100
115 58.8 30.2 90.6
150 154.6 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 15.271 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075349.D
Acq: 21 Nov 2022 18:18

Tgt Ion: 75 Resp: 52291
Ion Ratio Lower Upper
75 100
77 1.1 75.6 226.8#

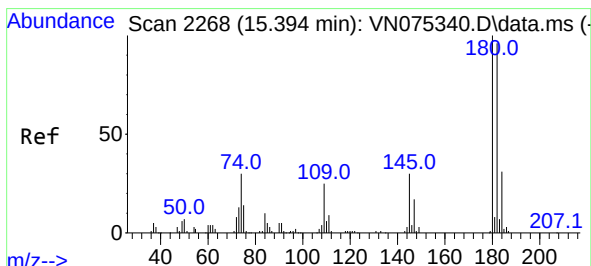
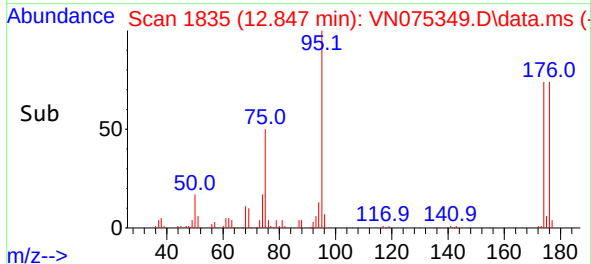
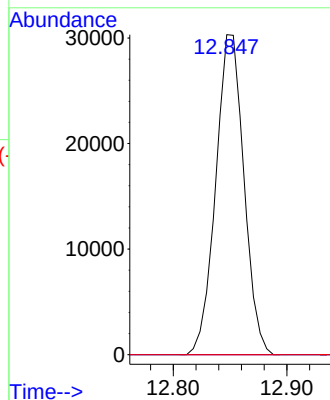
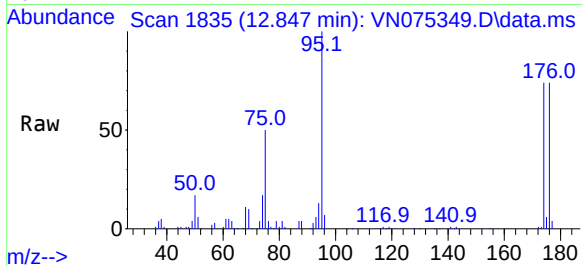




#81
trans-1,4-Dichloro-2-butene
Concen: 45.182 ug/l
RT: 12.847 min Scan# 1816
Delta R.T. 0.112 min
Lab File: VN075349.D
Acq: 21 Nov 2022 18:18

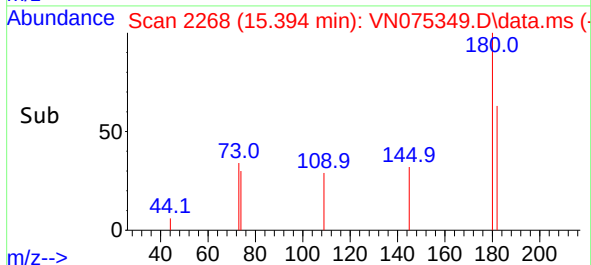
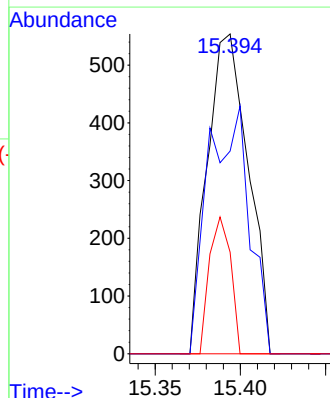
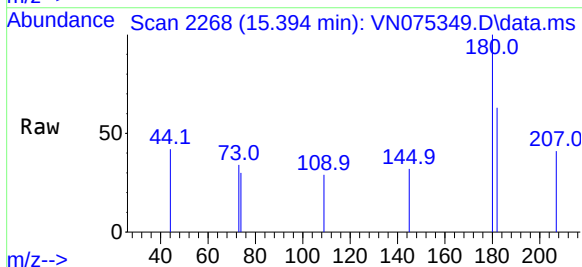
Instrument :
MSVOA_N
ClientSampleId :

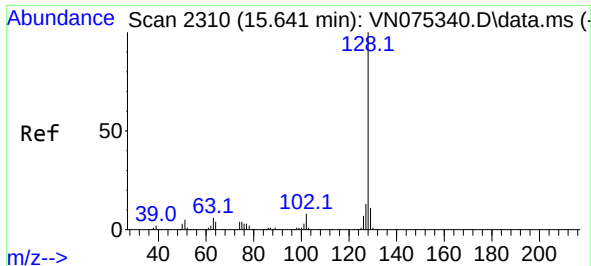
Tgt Ion: 75 Resp: 52291
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.301 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. -0.000 min
Lab File: VN075349.D
Acq: 21 Nov 2022 18:18

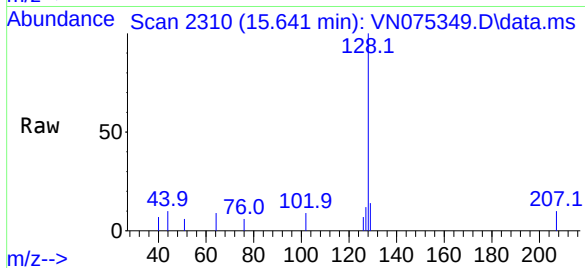
Tgt Ion:180 Resp: 930
Ion Ratio Lower Upper
180 100
182 77.5 47.8 143.4
145 22.3 16.8 50.3



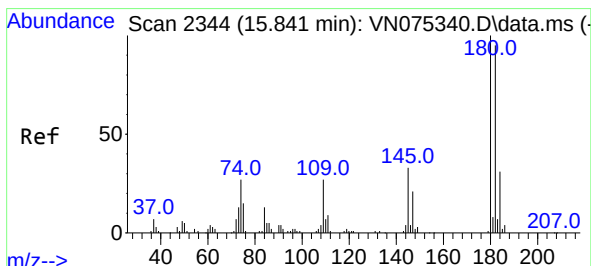
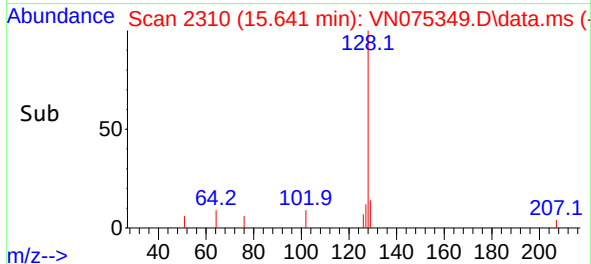
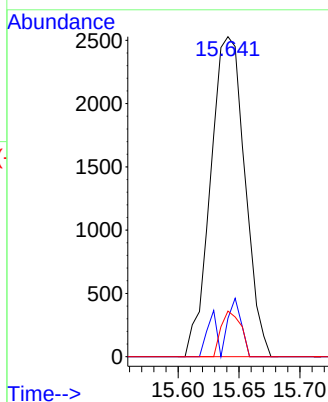


#95
Naphthalene
Concen: 0.509 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075349.D
Acq: 21 Nov 2022 18:18

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 4950
Ion Ratio Lower Upper
128 100
127 7.1 10.4 15.6#
129 8.2 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 0.352 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075349.D
Acq: 21 Nov 2022 18:18

Tgt Ion:180 Resp: 1069
Ion Ratio Lower Upper
180 100
182 90.0 47.3 141.8
145 19.3 17.6 52.9

