

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070522\
 Data File : VN073309.D
 Acq On : 05 Jul 2022 12:21
 Operator : JC\MD
 Sample : VN0705WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0705WBL01

Quant Time: Jul 06 01:12:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

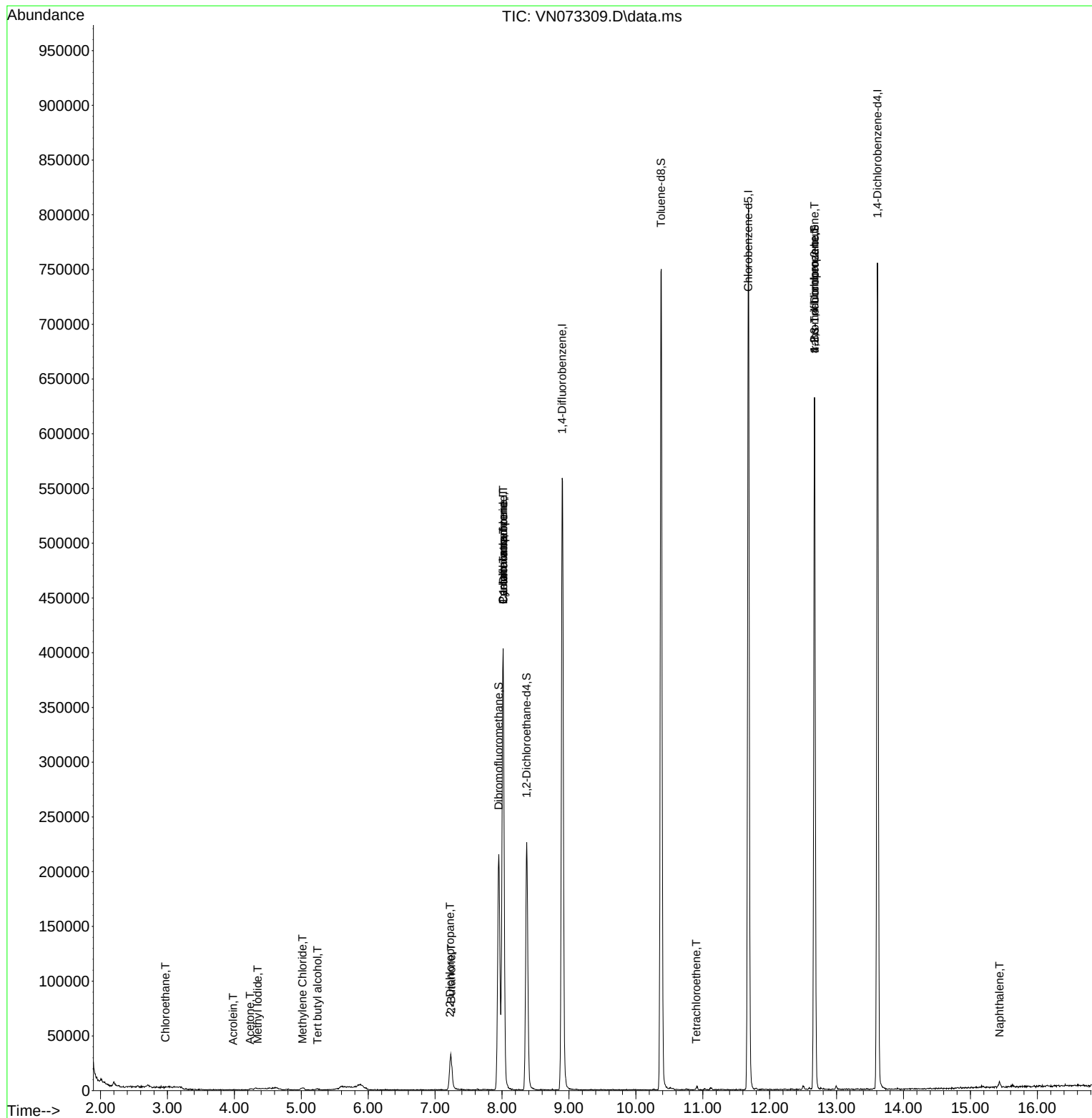
Internal Standards						
1) Pentafluorobenzene	8.016	168	301240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	495724	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	447828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	201835	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	189762	43.636	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.280%		
35) Dibromofluoromethane	7.951	113	159056	48.226	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.460%		
50) Toluene-d8	10.375	98	528369	45.106	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.220%		
62) 4-Bromofluorobenzene	12.669	95	218002	48.428	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.860%		
Target Compounds						Qvalue
6) Chloroethane	2.969	64	450	0.211	ug/l #	42
10) Methyl Iodide	4.346	142	74	3.750	ug/l #	44
11) Tert butyl alcohol	5.240	59	1066	1.012	ug/l #	72
13) Acrolein	3.981	56	140	0.210	ug/l #	16
16) Acetone	4.234	43	779	0.319	ug/l	97
20) Methylene Chloride	5.016	84	1048	0.244	ug/l #	88
25) 2-Butanone	7.240	43	2045	0.526	ug/l #	78
26) 2,2-Dichloropropane	7.222	77	2228	0.334	ug/l #	53
31) Cyclohexane	8.016	56	7119	1.000	ug/l #	56
36) 1,1-Dichloropropene	8.016	75	24846	4.896	ug/l #	49
38) Carbon Tetrachloride	8.016	117	32893	6.268	ug/l #	16
64) Tetrachloroethene	10.904	164	745	0.204	ug/l #	54
76) 1,2,3-Trichloropropane	12.669	75	115558	21.896	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	115558	60.049	ug/l #	10
95) Naphthalene	15.433	128	4902	0.315	ug/l #	92

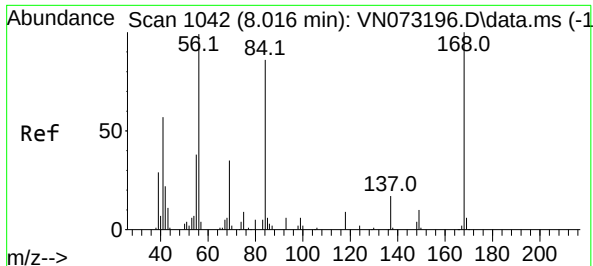
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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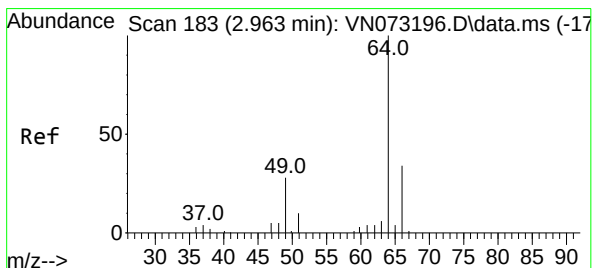
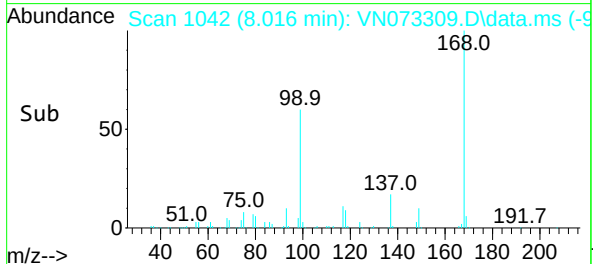
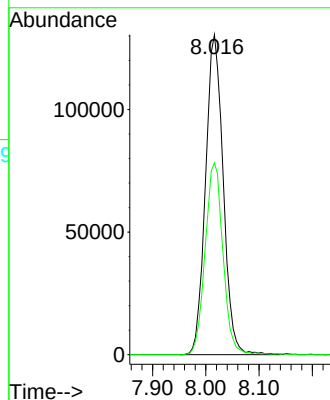
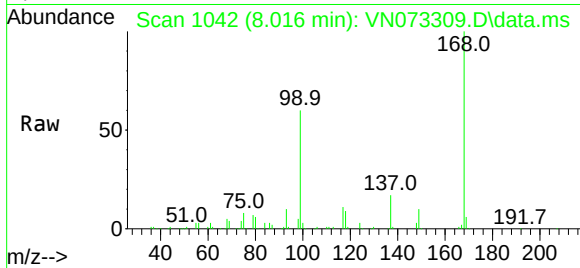




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073309.D
Acq: 05 Jul 2022 12:21

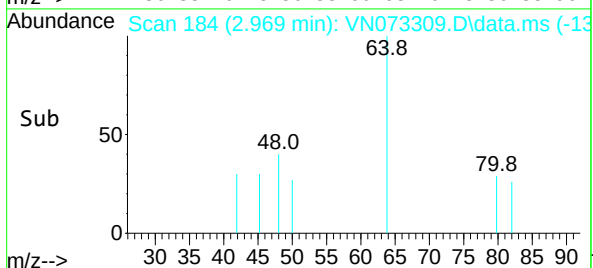
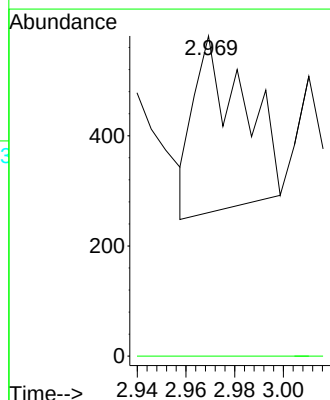
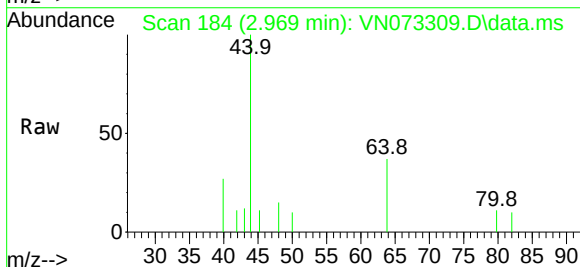
Instrument :
MSVOA_N
ClientSampleId :
VN0705WBL01

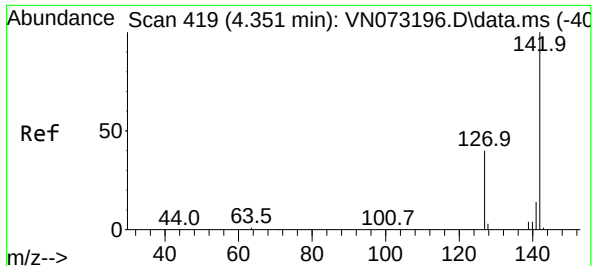
Tgt Ion:168 Resp: 301240
Ion Ratio Lower Upper
168 100
99 60.0 42.3 63.5



#6
Chloroethane
Concen: 0.211 ug/l
RT: 2.969 min Scan# 184
Delta R.T. 0.006 min
Lab File: VN073309.D
Acq: 05 Jul 2022 12:21

Tgt Ion: 64 Resp: 450
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

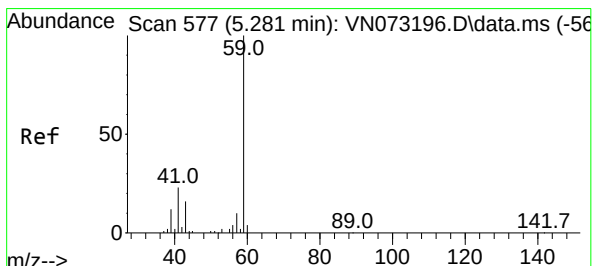
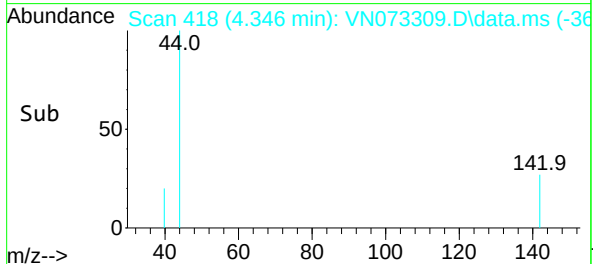
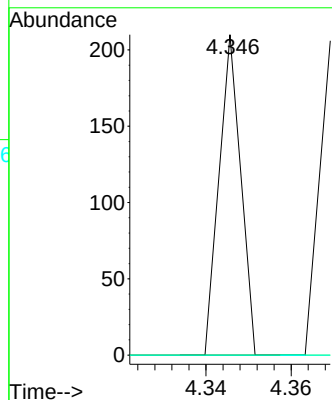
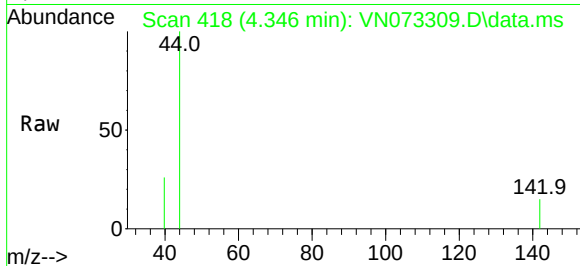




#10
Methyl Iodide
Concen: 3.750 ug/l
RT: 4.346 min Scan# 41
Delta R.T. -0.005 min
Lab File: VN073309.D
Acq: 05 Jul 2022 12:21

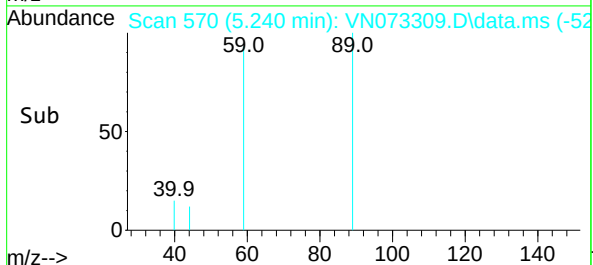
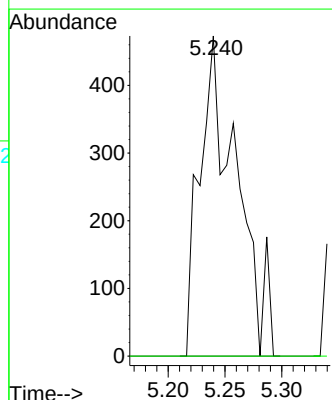
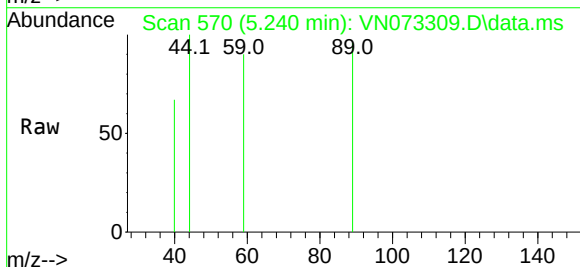
Instrument :
MSVOA_N
ClientSampleId :
VN0705WBL01

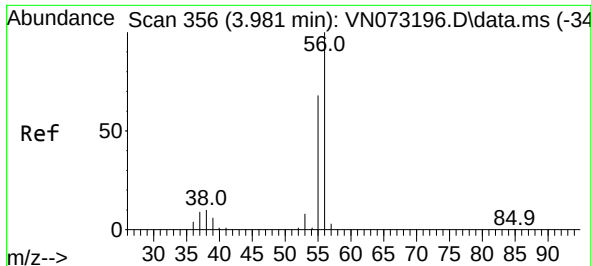
Tgt Ion:142 Resp: 74
Ion Ratio Lower Upper
142 100
127 0.0 31.3 46.9#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 1.012 ug/l
RT: 5.240 min Scan# 570
Delta R.T. -0.041 min
Lab File: VN073309.D
Acq: 05 Jul 2022 12:21

Tgt Ion: 59 Resp: 1066
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

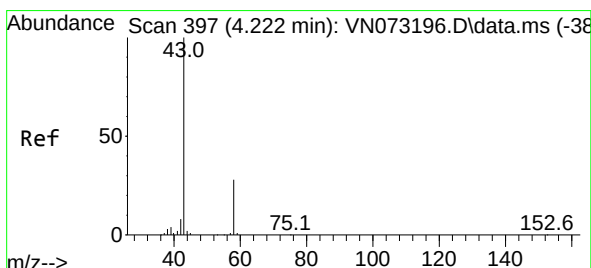
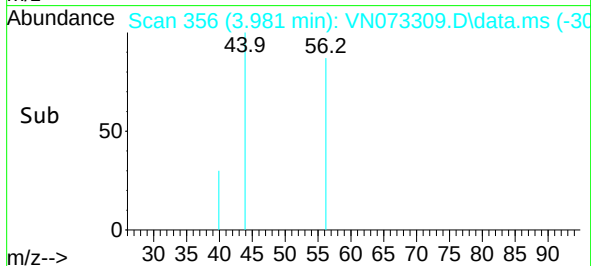
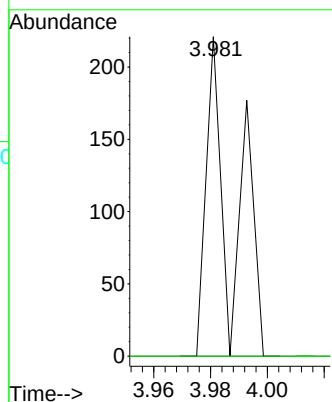
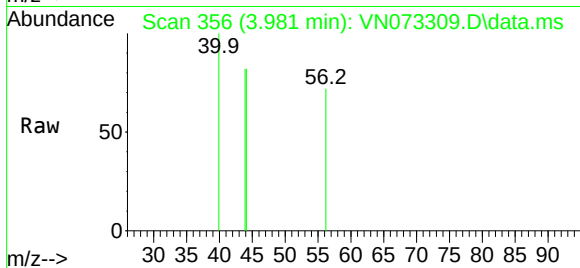




#13
Acrolein
Concen: 0.210 ug/l
RT: 3.981 min Scan# 356
Delta R.T. -0.000 min
Lab File: VN073309.D
Acq: 05 Jul 2022 12:21

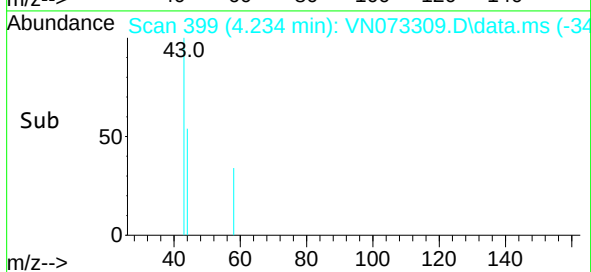
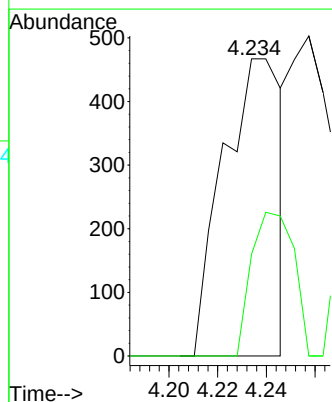
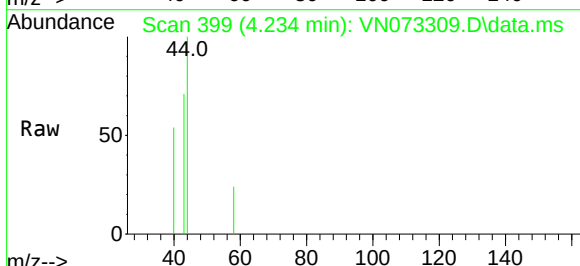
Instrument :
MSVOA_N
ClientSampleId :
VN0705WBL01

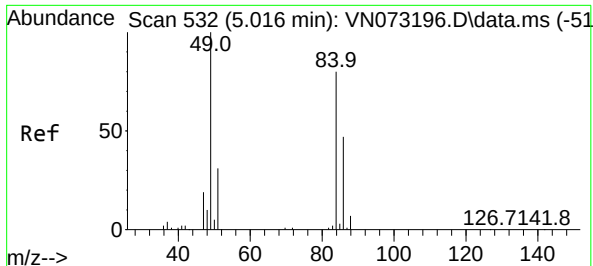
Tgt Ion: 56 Resp: 140
Ion Ratio Lower Upper
56 100
55 0.0 54.8 82.2#



#16
Acetone
Concen: 0.319 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN073309.D
Acq: 05 Jul 2022 12:21

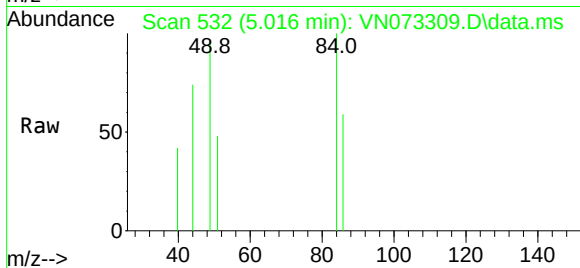
Tgt Ion: 43 Resp: 779
Ion Ratio Lower Upper
43 100
58 34.3 26.0 39.0



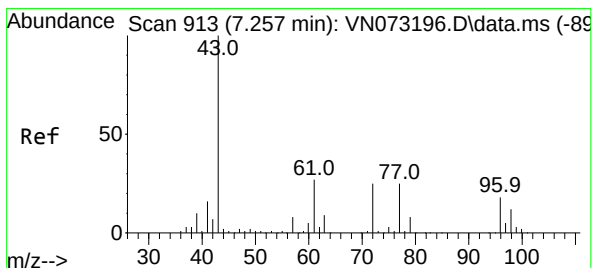
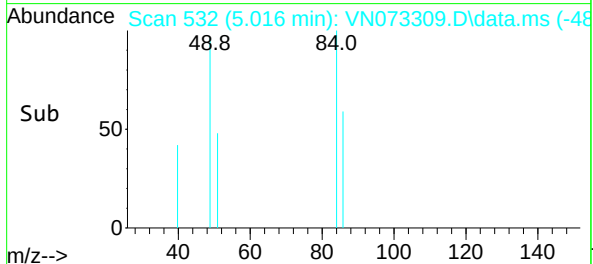
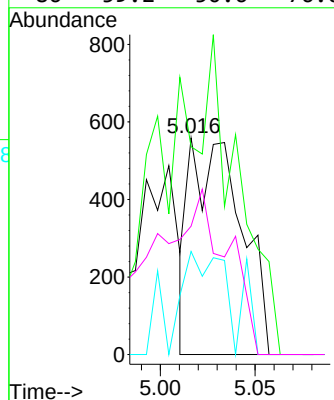


#20
Methylene Chloride
Concen: 0.244 ug/l
RT: 5.016 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN073309.D
Acq: 05 Jul 2022 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0705WBL01

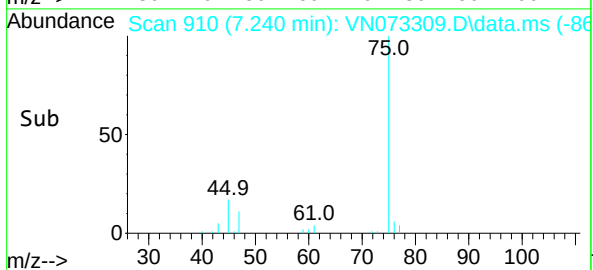
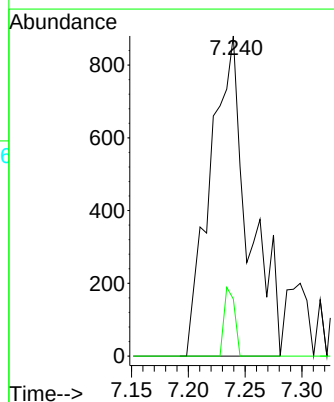
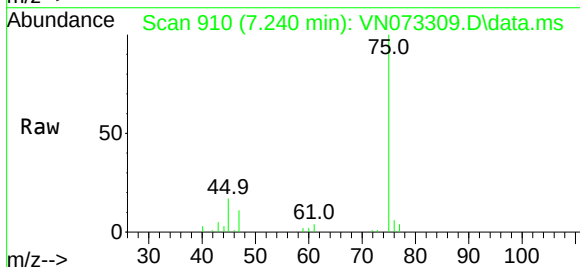


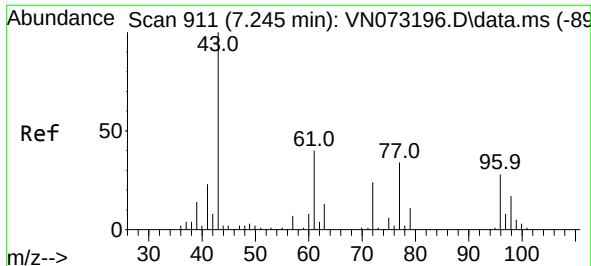
Tgt Ion:	84	Resp:	1048
Ion	Ratio	Lower	Upper
84	100		
49	95.9	88.3	132.5
51	47.6	28.2	42.2#
86	59.2	50.6	76.0



#25
2-Butanone
Concen: 0.526 ug/l
RT: 7.240 min Scan# 910
Delta R.T. -0.017 min
Lab File: VN073309.D
Acq: 05 Jul 2022 12:21

Tgt Ion:	43	Resp:	2045
Ion	Ratio	Lower	Upper
43	100		
72	17.8	23.7	35.5#

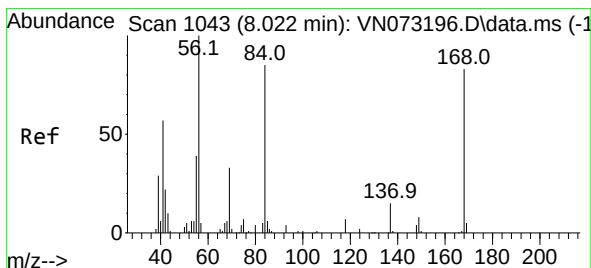
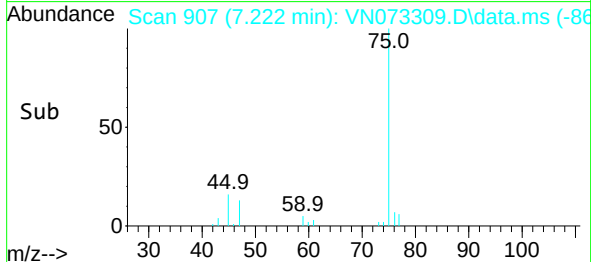
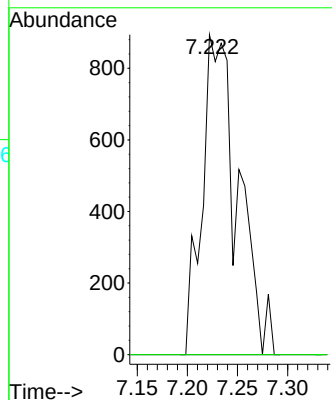
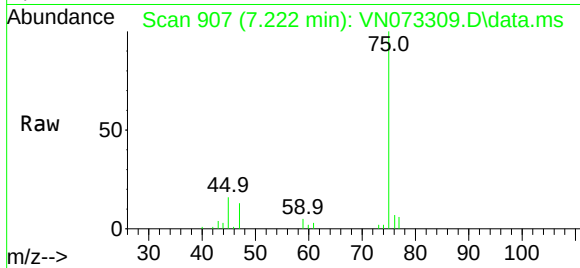




#26
2,2-Dichloropropane
Concen: 0.334 ug/l
RT: 7.222 min Scan# 90
Delta R.T. -0.023 min
Lab File: VN073309.D
Acq: 05 Jul 2022 12:21

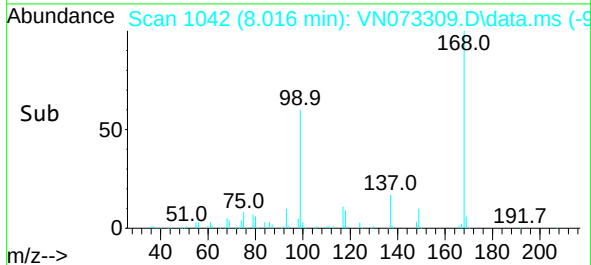
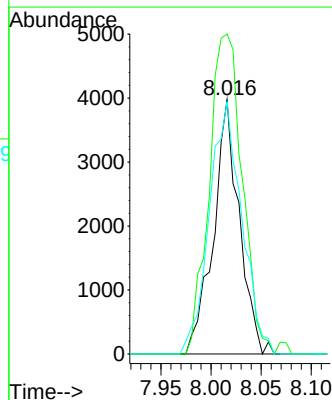
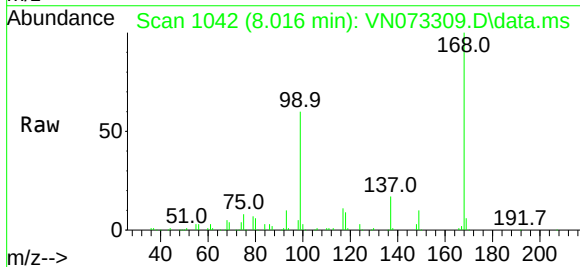
Instrument :
MSVOA_N
ClientSampleId :
VN0705WBL01

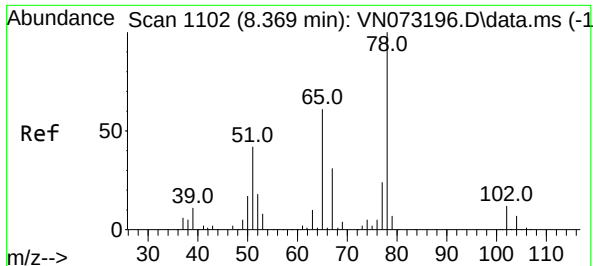
Tgt Ion: 77 Resp: 2228
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#



#31
Cyclohexane
Concen: 1.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073309.D
Acq: 05 Jul 2022 12:21

Tgt Ion: 56 Resp: 7119
Ion Ratio Lower Upper
56 100
69 125.8 27.8 41.8#
84 99.1 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 43.636 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073309.D

Acq: 05 Jul 2022 12:21

Instrument :

MSVOA_N

ClientSampleId :

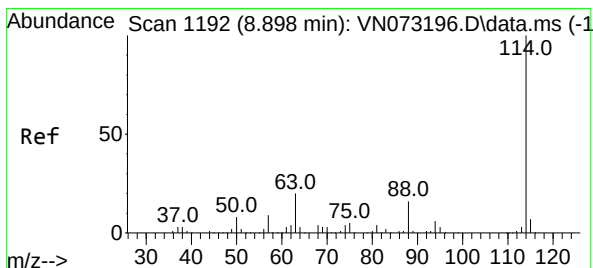
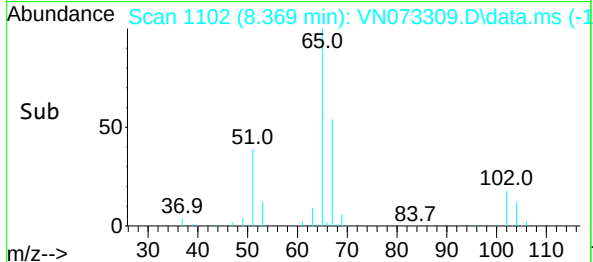
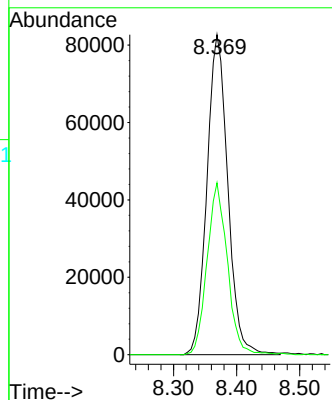
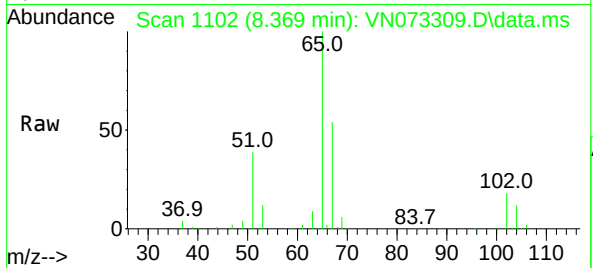
VN0705WBL01

Tgt Ion: 65 Resp: 189762

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN073309.D

Acq: 05 Jul 2022 12:21

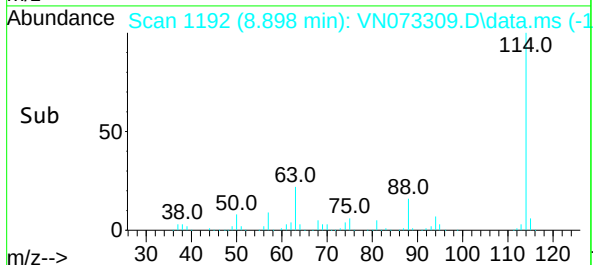
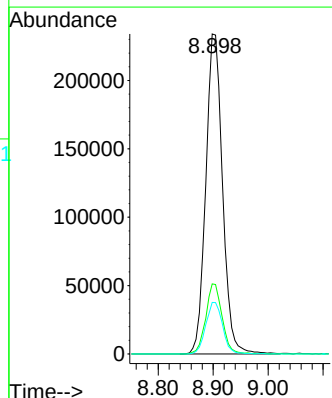
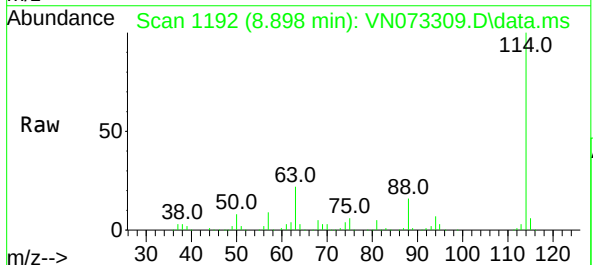
Tgt Ion: 114 Resp: 495724

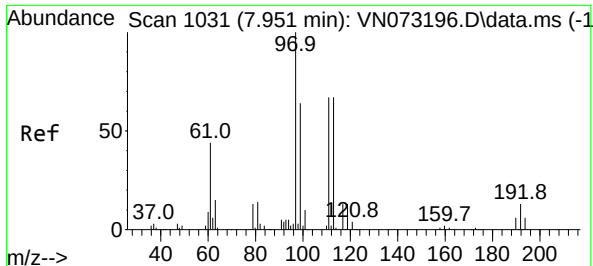
Ion Ratio Lower Upper

114 100

63 21.9 0.0 40.0

88 16.1 0.0 32.6

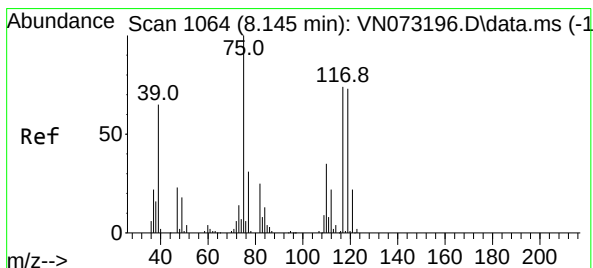
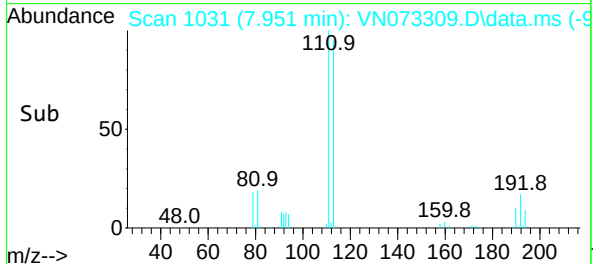
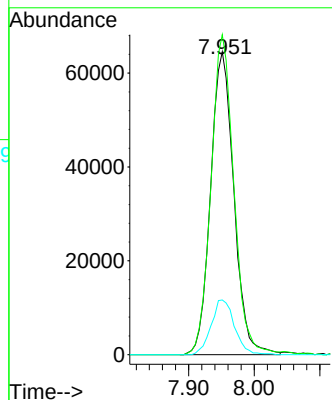
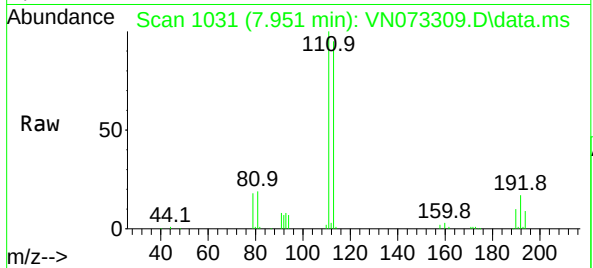




#35
Dibromofluoromethane
Concen: 48.226 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073309.D
Acq: 05 Jul 2022 12:21

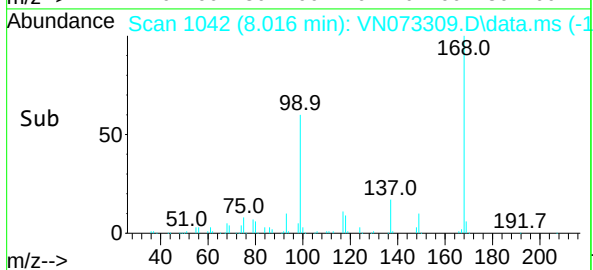
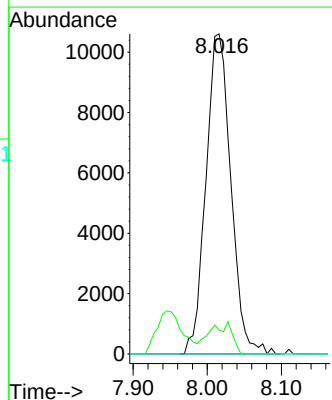
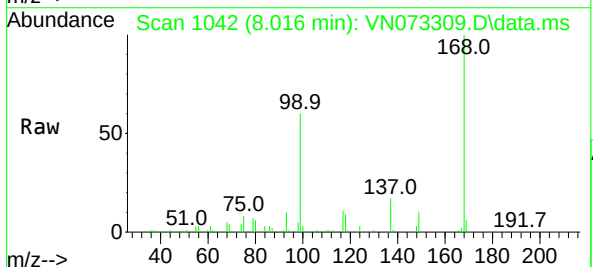
Instrument :
MSVOA_N
ClientSampleId :
VN0705WBL01

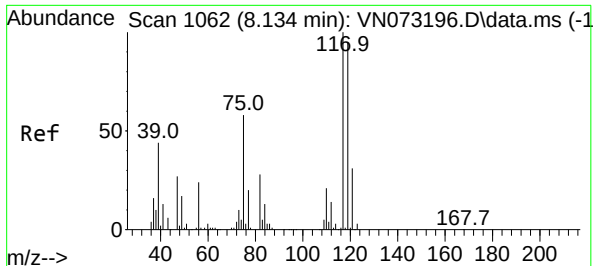
Tgt Ion:113 Resp: 159056
Ion Ratio Lower Upper
113 100
111 103.8 81.4 122.0
192 18.2 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.896 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.129 min
Lab File: VN073309.D
Acq: 05 Jul 2022 12:21

Tgt Ion: 75 Resp: 24846
Ion Ratio Lower Upper
75 100
110 9.1 18.3 54.8#
77 0.0 25.1 37.7#

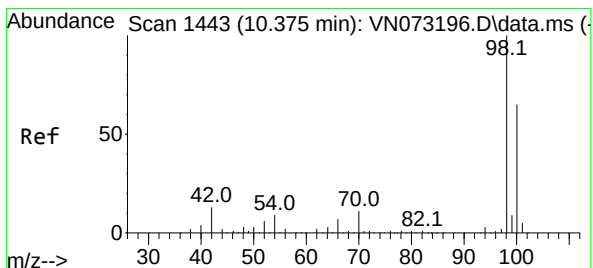
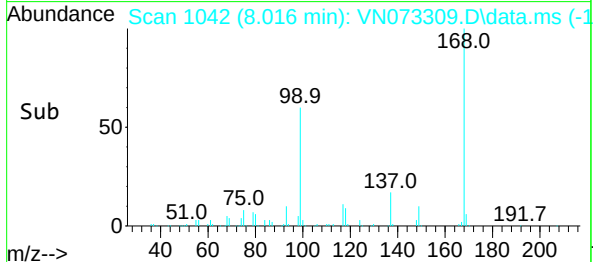
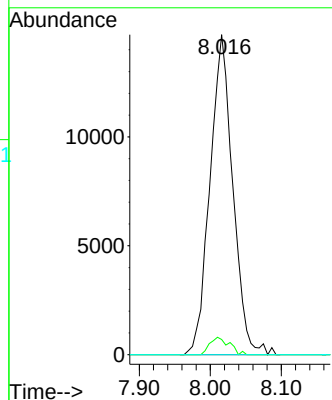
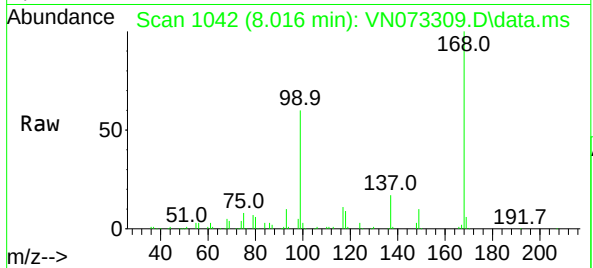




#38
Carbon Tetrachloride
Concen: 6.268 ug/l
RT: 8.016 min Scan# 1062
Delta R.T. -0.118 min
Lab File: VN073309.D
Acq: 05 Jul 2022 12:21

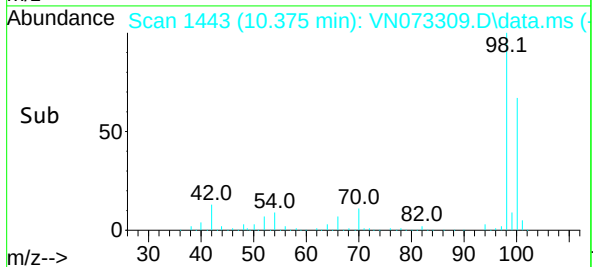
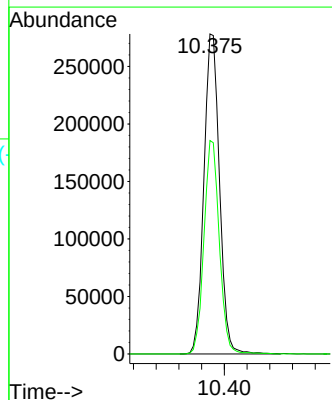
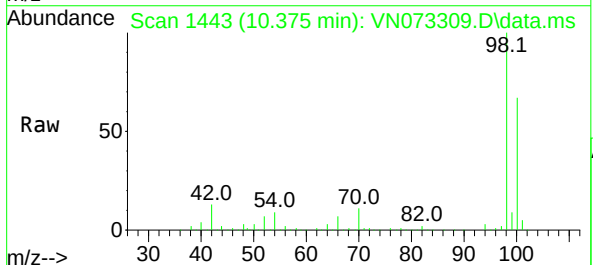
Instrument :
MSVOA_N
ClientSampleId :
VN0705WBL01

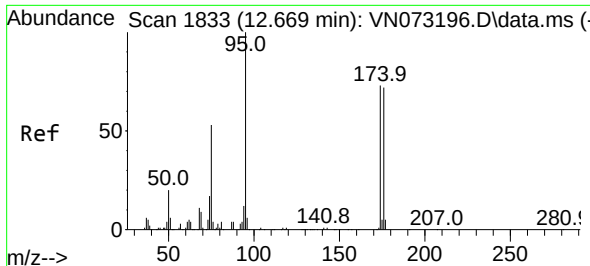
Tgt Ion:117 Resp: 32893
Ion Ratio Lower Upper
117 100
119 4.8 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 45.106 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN073309.D
Acq: 05 Jul 2022 12:21

Tgt Ion: 98 Resp: 528369
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8

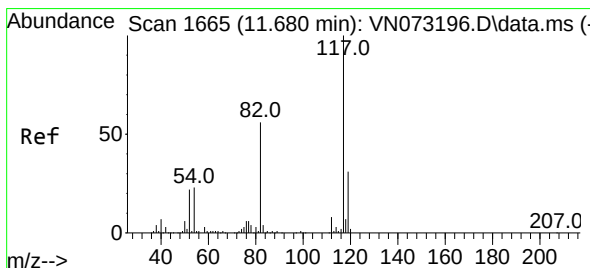
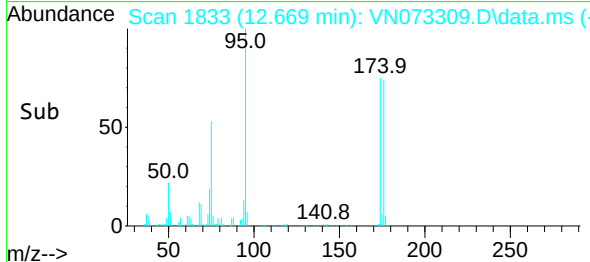
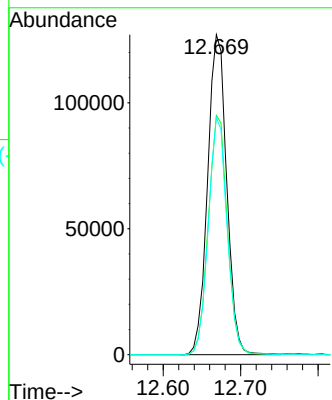
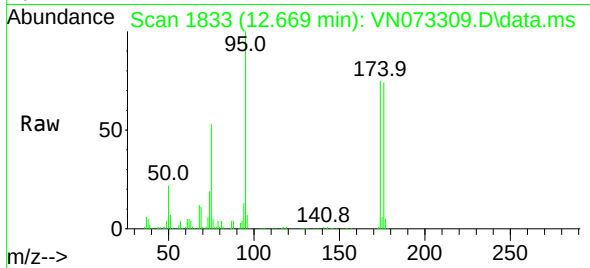




#62
4-Bromofluorobenzene
Concen: 48.428 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073309.D
Acq: 05 Jul 2022 12:21

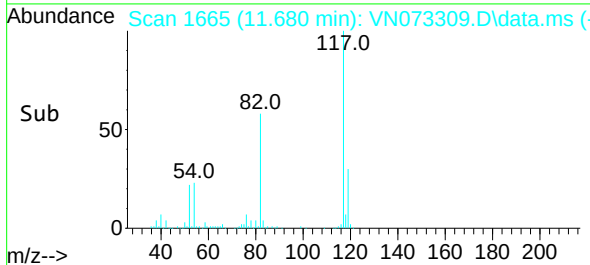
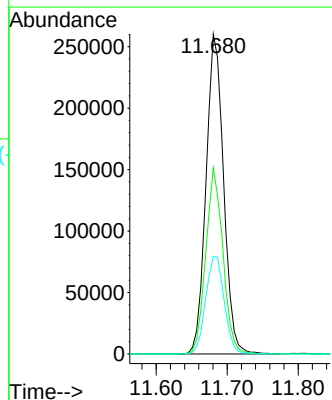
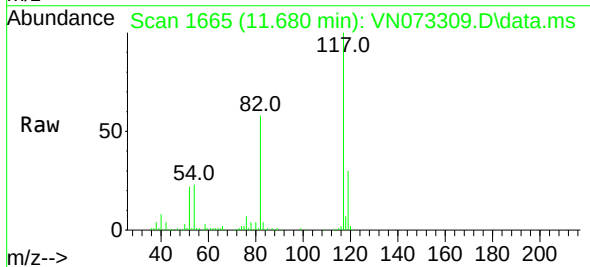
Instrument :
MSVOA_N
ClientSampleId :
VN0705WBL01

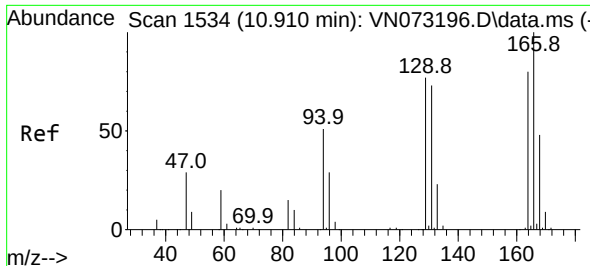
Tgt Ion: 95 Resp: 218002
Ion Ratio Lower Upper
95 100
174 74.3 0.0 167.6
176 72.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073309.D
Acq: 05 Jul 2022 12:21

Tgt Ion: 117 Resp: 447828
Ion Ratio Lower Upper
117 100
82 58.2 44.2 66.2
119 30.4 25.4 38.0

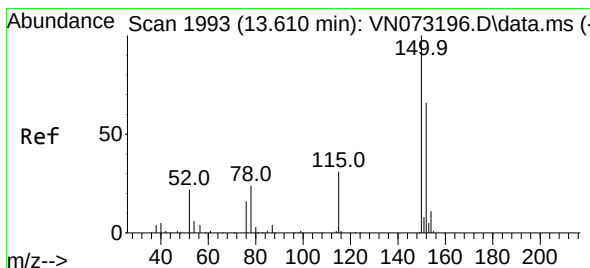
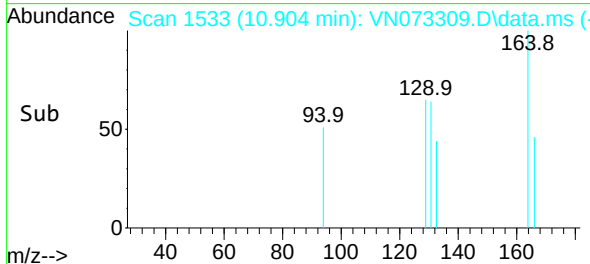
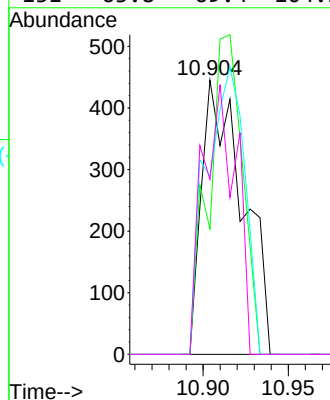
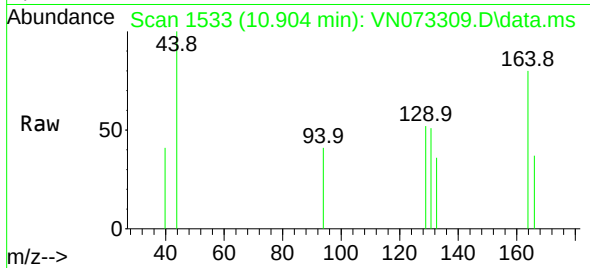




#64
Tetrachloroethene
Concen: 0.204 ug/l
RT: 10.904 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073309.D
Acq: 05 Jul 2022 12:21

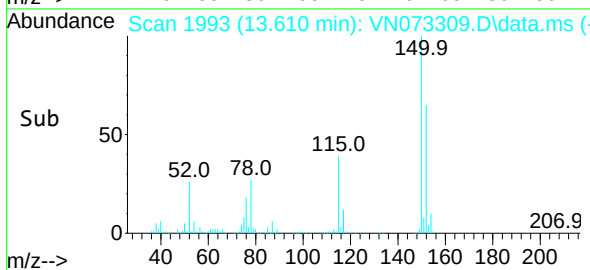
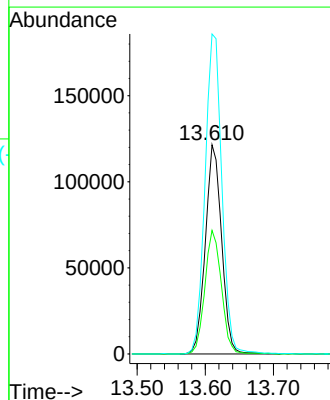
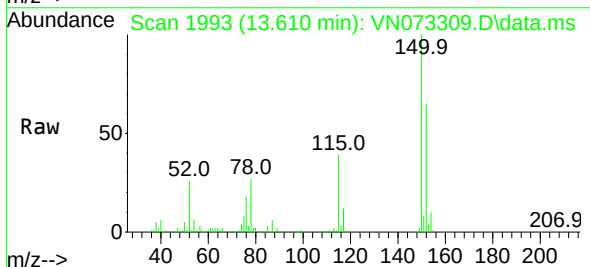
Instrument :
MSVOA_N
ClientSampleId :
VN0705WBL01

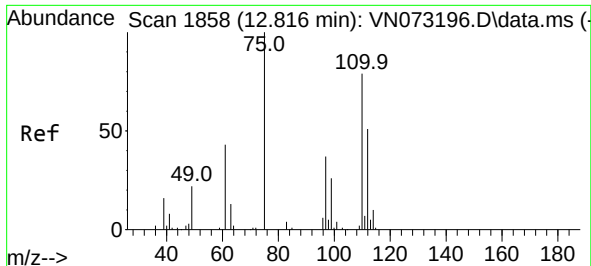
Tgt Ion:164 Resp: 745
Ion Ratio Lower Upper
164 100
166 45.8 104.2 156.2#
129 64.9 73.9 110.9#
131 63.8 69.4 104.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073309.D
Acq: 05 Jul 2022 12:21

Tgt Ion:152 Resp: 201835
Ion Ratio Lower Upper
152 100
115 60.1 28.9 86.7
150 158.2 0.0 356.2

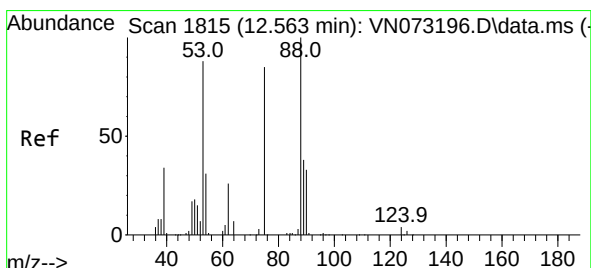
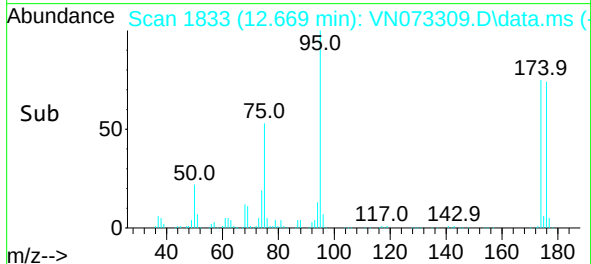
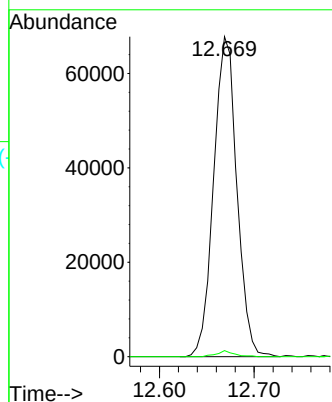
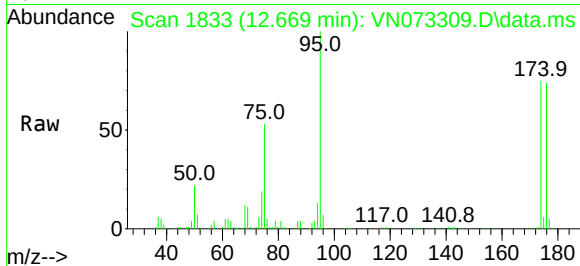




#76
1,2,3-Trichloropropane
Concen: 21.896 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN073309.D
Acq: 05 Jul 2022 12:21

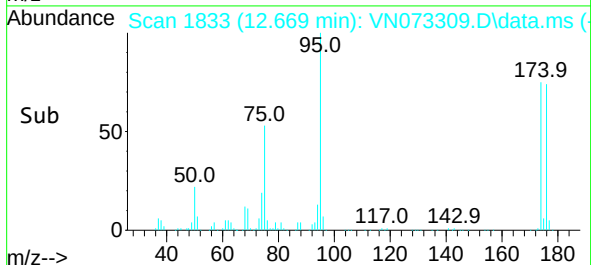
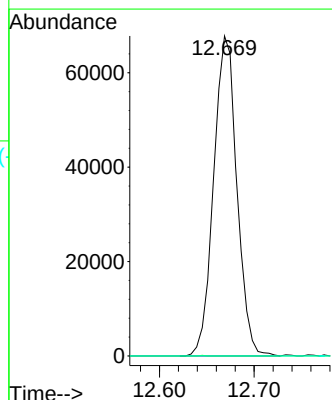
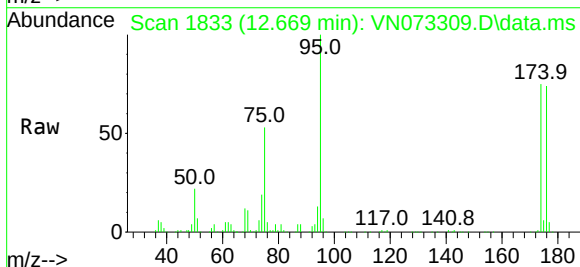
Instrument :
MSVOA_N
ClientSampleId :
VN0705WBL01

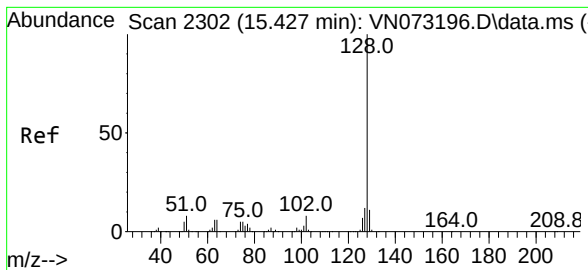
Tgt Ion: 75 Resp: 115558
Ion Ratio Lower Upper
75 100
77 1.4 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.049 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN073309.D
Acq: 05 Jul 2022 12:21

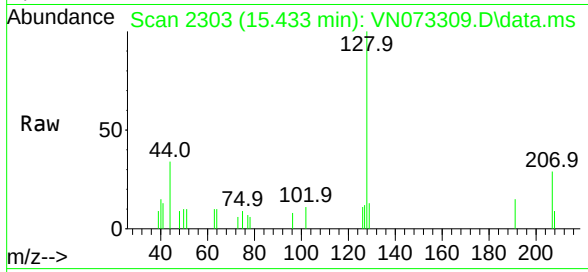
Tgt Ion: 75 Resp: 115558
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#95
Naphthalene
Concen: 0.315 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073309.D
Acq: 05 Jul 2022 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0705WBL01



Tgt Ion:	128	Resp:	4902
Ion Ratio	Lower	Upper	
128	100		
127	10.9	10.3	15.5
129	6.1	8.6	13.0

