

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
 Data File : VN083585.D
 Acq On : 30 Aug 2024 19:09
 Operator : JC\MD
 Sample : P3799-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 31 02:44:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

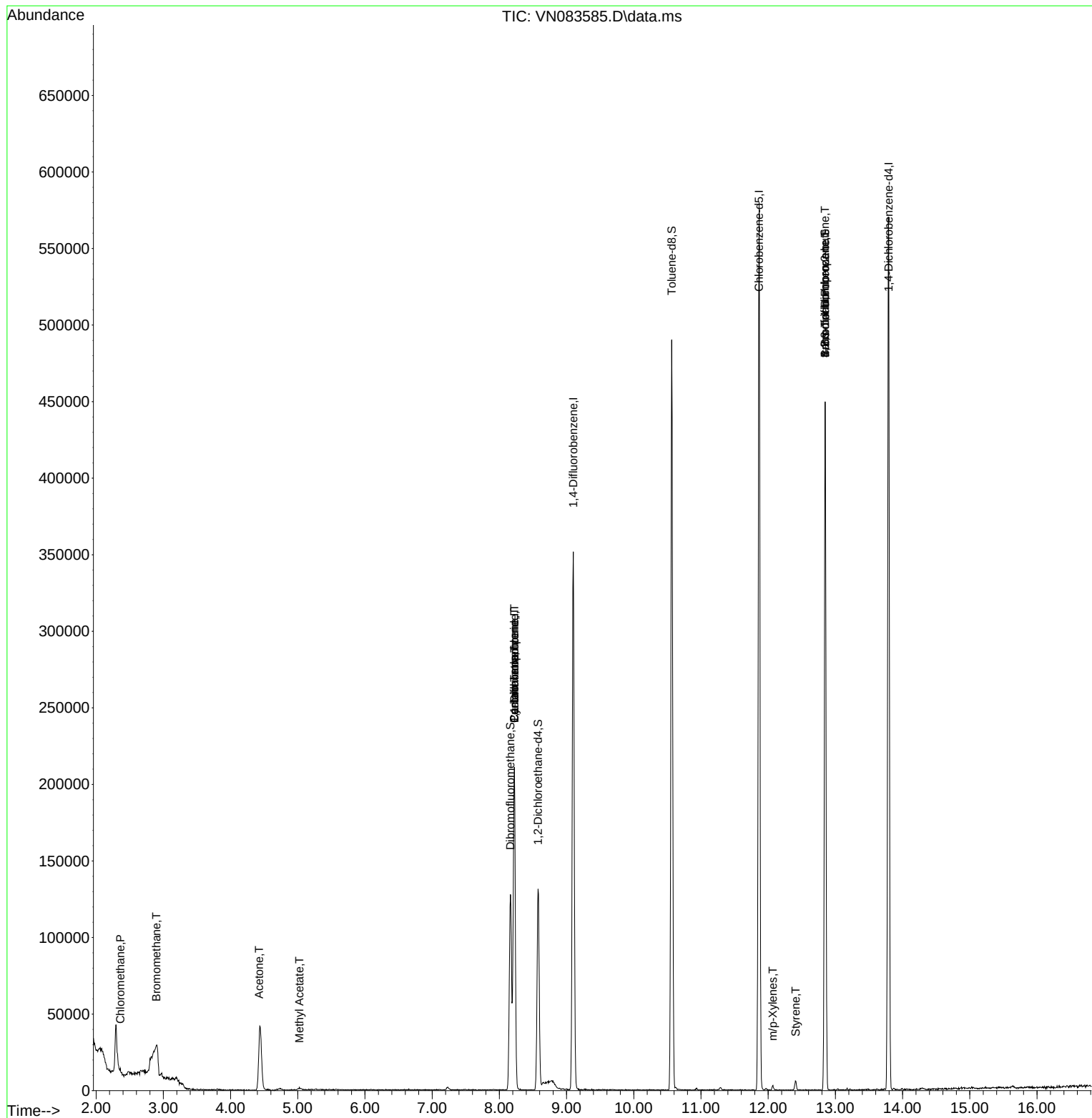
Internal Standards						
1) Pentafluorobenzene	8.224	168	142479	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	292864	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	317340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	148455	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114022	57.261	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.520%	
35) Dibromofluoromethane	8.165	113	90592	51.394	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.780%	
50) Toluene-d8	10.565	98	327679	47.736	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.480%	
62) 4-Bromofluorobenzene	12.847	95	154860	60.901	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 121.800%#	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1053	0.599	ug/l	95
5) Bromomethane	2.895	94	255	0.276	ug/l	97
16) Acetone	4.424	43	3218	4.052	ug/l #	73
18) Methyl Acetate	5.024	43	2764	1.309	ug/l #	69
31) Cyclohexane	8.224	56	3811	1.237	ug/l #	19
36) 1,1-Dichloropropene	8.224	75	12956	4.819	ug/l #	52
38) Carbon Tetrachloride	8.224	117	16545	5.393	ug/l #	15
43) Isopropyl Acetate	8.659	43	5186	Below Cal	#	57
68) m/p-Xylenes	12.070	106	1059	0.221	ug/l	95
70) Styrene	12.412	104	3002	0.386	ug/l #	85
71) Bromoform	12.847	173	887	0.518	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	85666	28.581	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	85666	67.411	ug/l #	9

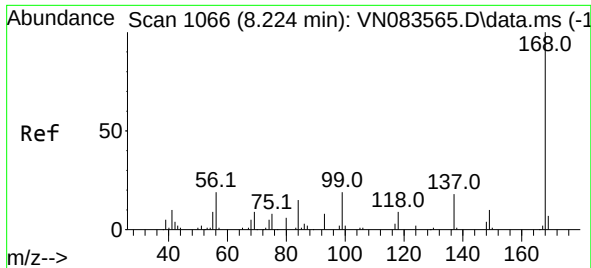
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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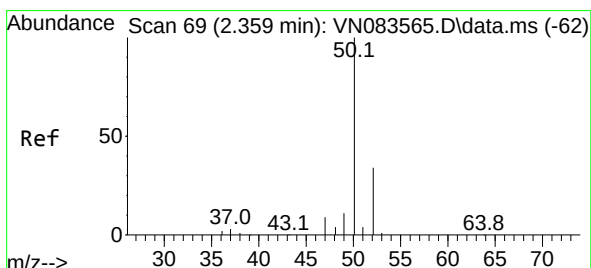
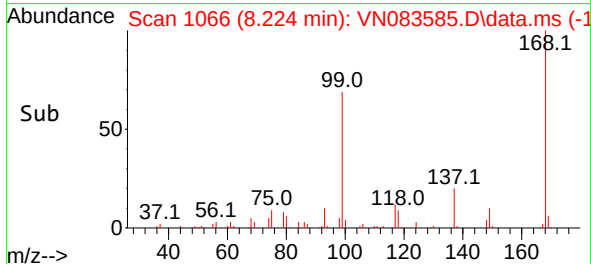
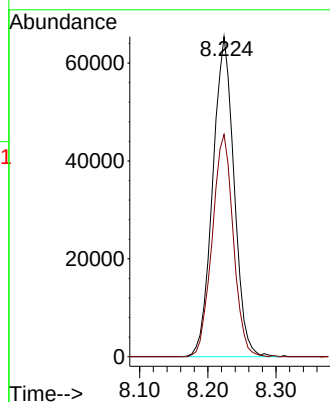
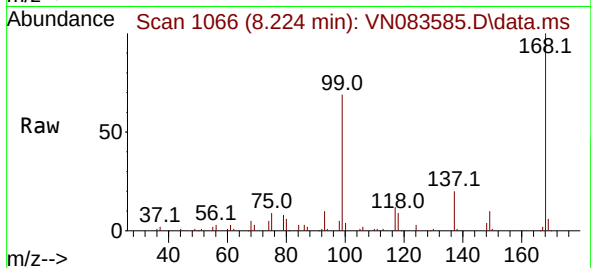




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083585.D
Acq: 30 Aug 2024 19:09

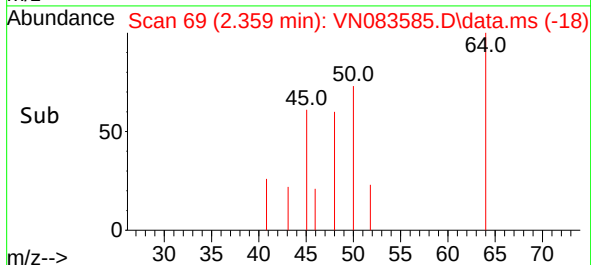
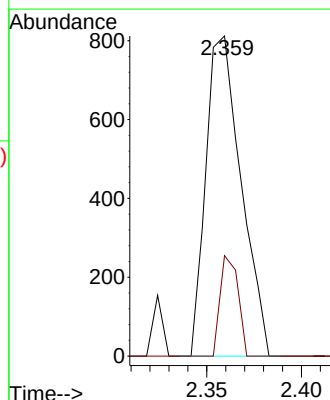
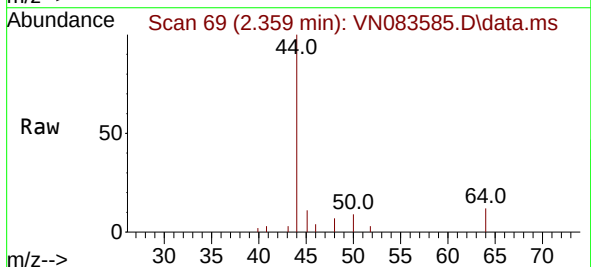
Instrument :
MSVOA_N
ClientSampleId :

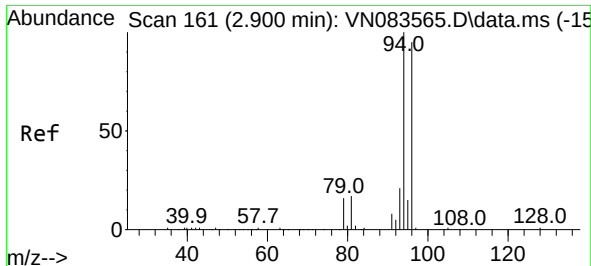
Tgt Ion:168 Resp: 142479
Ion Ratio Lower Upper
168 100
99 69.5 54.2 81.2



#3
Chloromethane
Concen: 0.599 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083585.D
Acq: 30 Aug 2024 19:09

Tgt Ion: 50 Resp: 1053
Ion Ratio Lower Upper
50 100
52 31.4 27.2 40.8

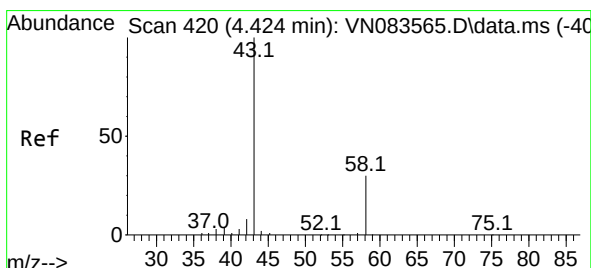
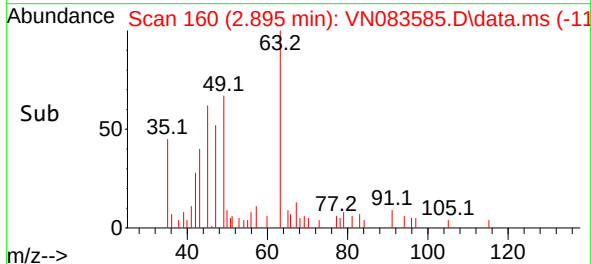
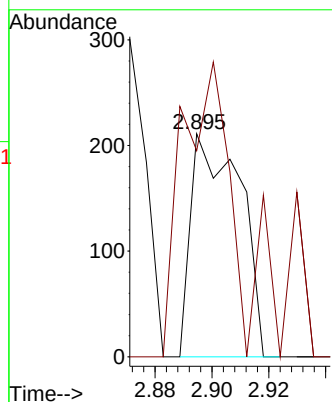
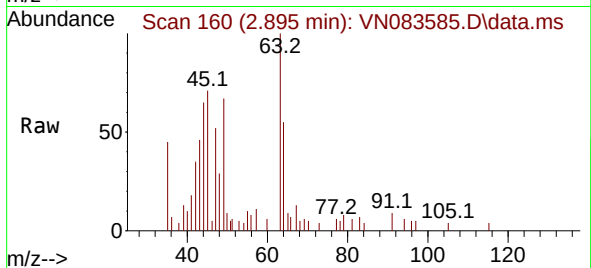




#5
Bromomethane
Concen: 0.276 ug/l
RT: 2.895 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083585.D
Acq: 30 Aug 2024 19:09

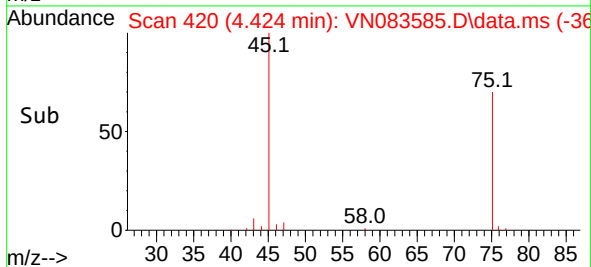
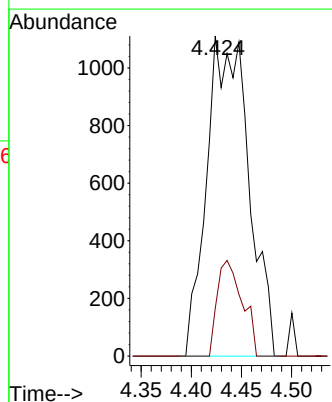
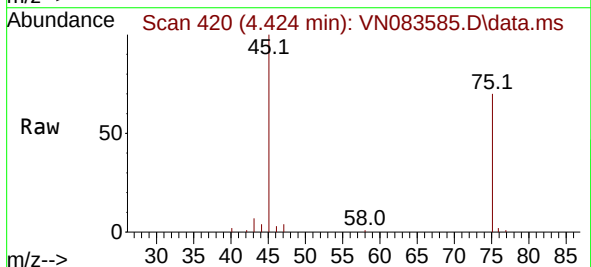
Instrument :
MSVOA_N
ClientSampleId :

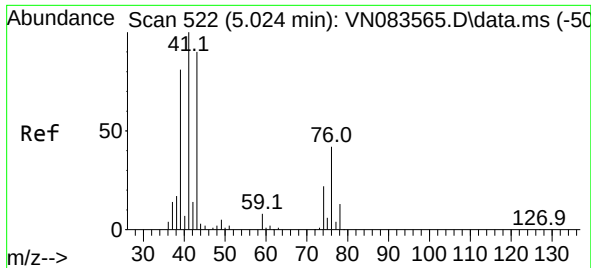
Tgt Ion: 94 Resp: 255
Ion Ratio Lower Upper
94 100
96 92.4 76.0 114.0



#16
Acetone
Concen: 4.052 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN083585.D
Acq: 30 Aug 2024 19:09

Tgt Ion: 43 Resp: 3218
Ion Ratio Lower Upper
43 100
58 14.9 23.7 35.5#

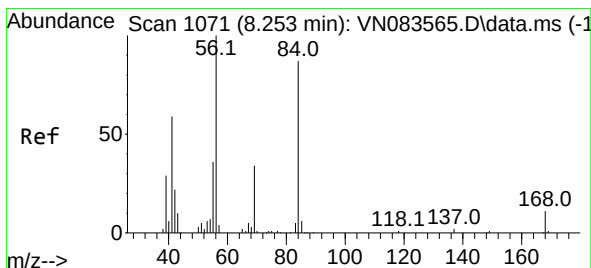
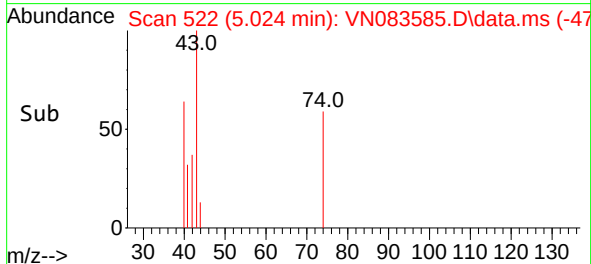
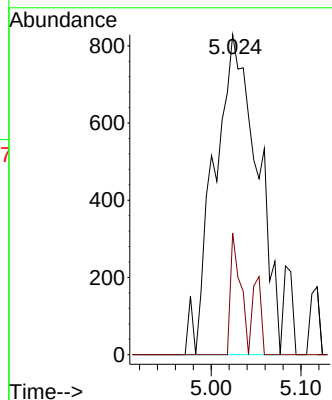
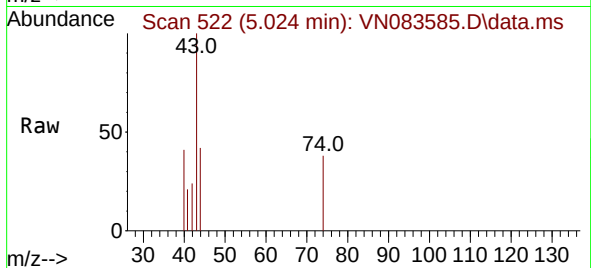




#18
Methyl Acetate
Concen: 1.309 ug/l
RT: 5.024 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN083585.D
Acq: 30 Aug 2024 19:09

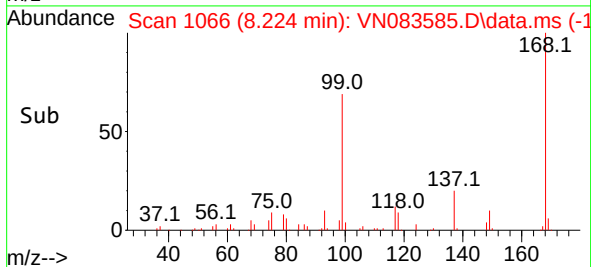
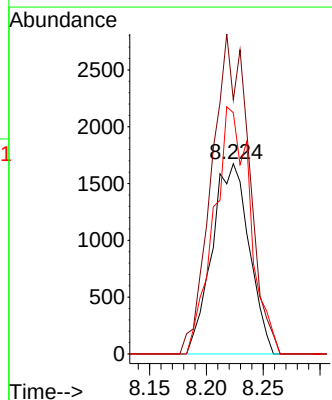
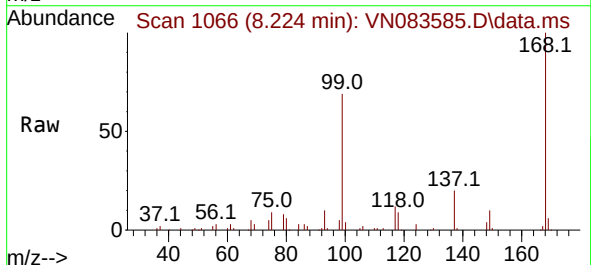
Instrument :
MSVOA_N
ClientSampleId :

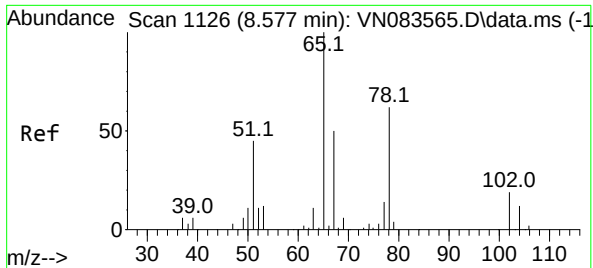
Tgt Ion: 43 Resp: 2764
Ion Ratio Lower Upper
43 100
74 8.7 19.0 28.4#



#31
Cyclohexane
Concen: 1.237 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN083585.D
Acq: 30 Aug 2024 19:09

Tgt Ion: 56 Resp: 3811
Ion Ratio Lower Upper
56 100
69 133.5 26.9 40.3#
84 126.8 69.2 103.8#

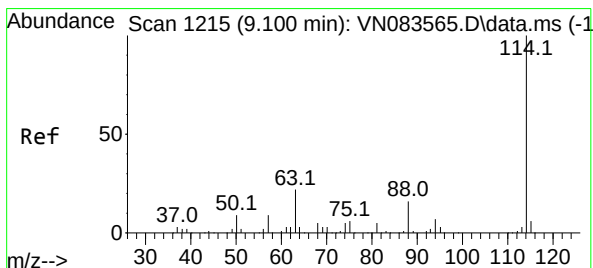
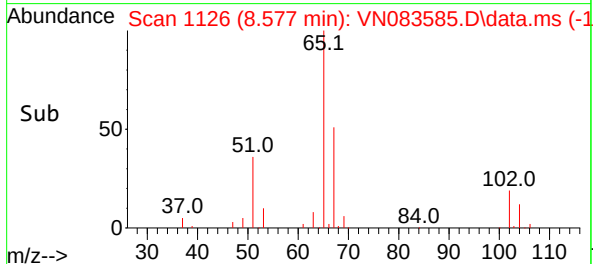
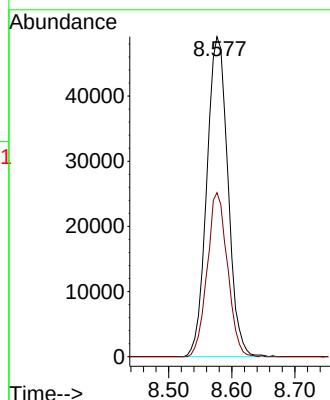
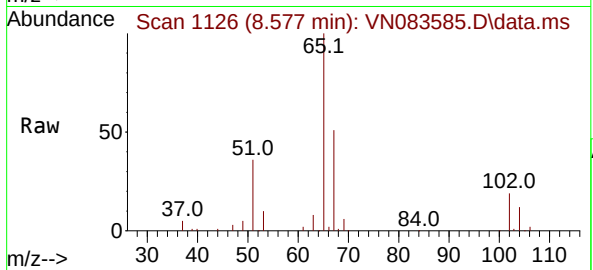




#33
1,2-Dichloroethane-d4
Concen: 57.261 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083585.D
Acq: 30 Aug 2024 19:09

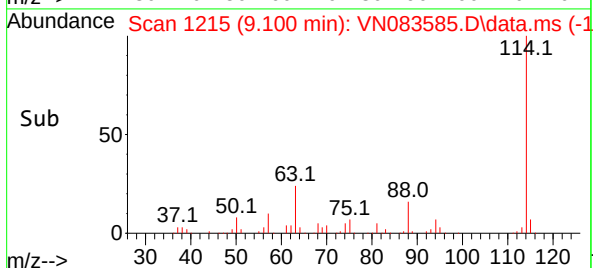
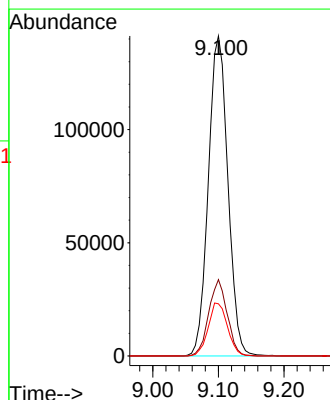
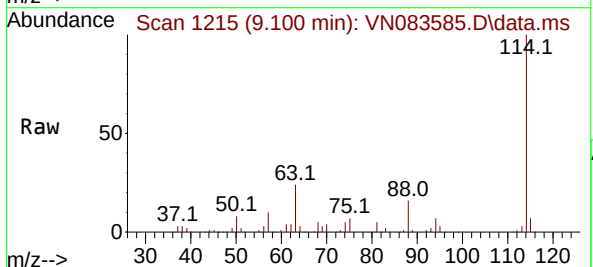
Instrument :
MSVOA_N
ClientSampleId :

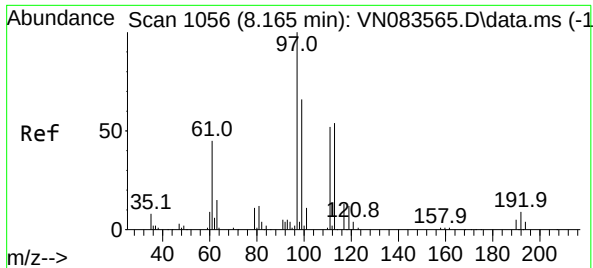
Tgt Ion: 65 Resp: 114022
Ion Ratio Lower Upper
65 100
67 49.3 0.0 100.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN083585.D
Acq: 30 Aug 2024 19:09

Tgt Ion: 114 Resp: 292864
Ion Ratio Lower Upper
114 100
63 23.9 0.0 43.4
88 16.3 0.0 32.6

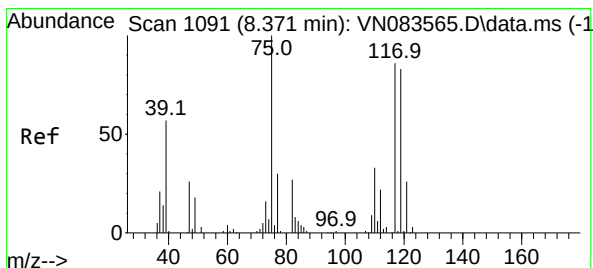
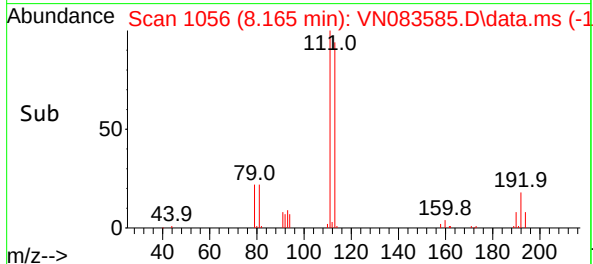
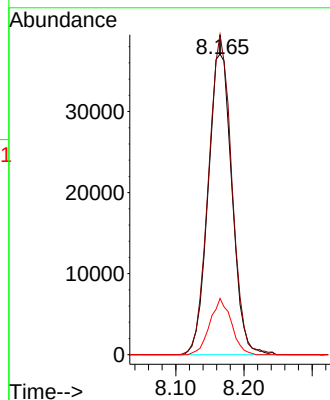
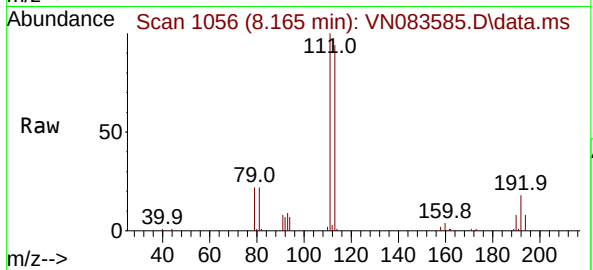




#35
 Dibromofluoromethane
 Concen: 51.394 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN083585.D
 Acq: 30 Aug 2024 19:09

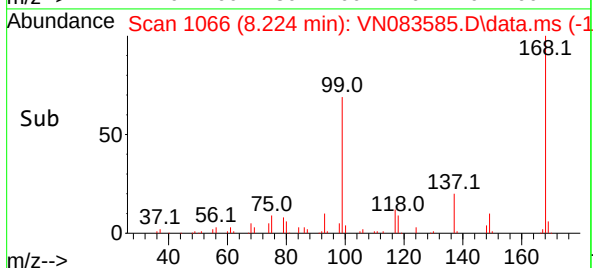
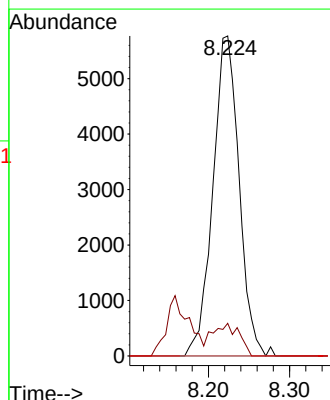
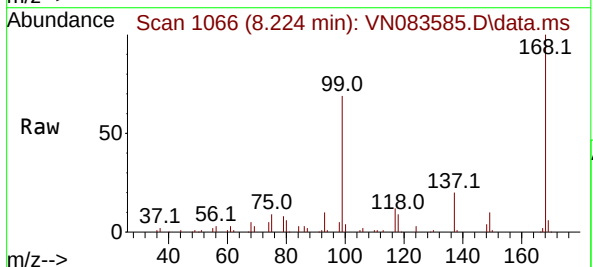
Instrument :
 MSVOA_N
 ClientSampleId :

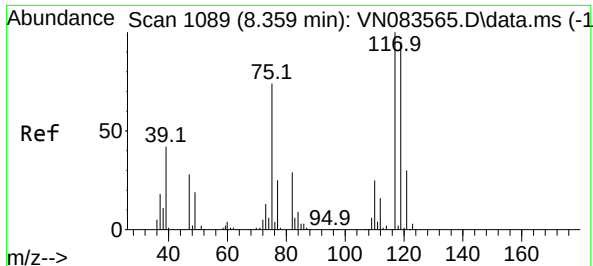
Tgt Ion: 113 Resp: 90592
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.6 124.0
 192 16.8 14.3 21.5



#36
 1,1-Dichloropropene
 Concen: 4.819 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.147 min
 Lab File: VN083585.D
 Acq: 30 Aug 2024 19:09

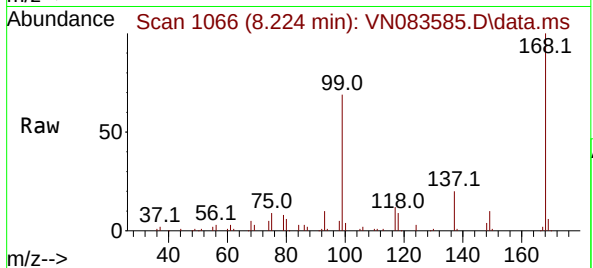
Tgt Ion: 75 Resp: 12956
 Ion Ratio Lower Upper
 75 100
 110 10.4 16.7 50.1#
 77 0.0 25.2 37.8#



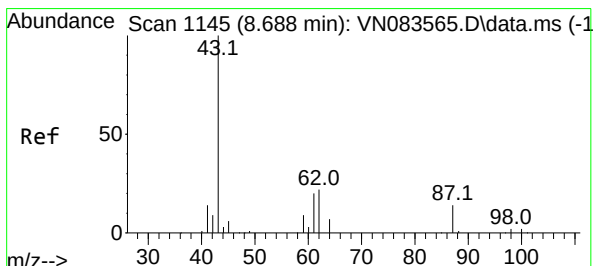
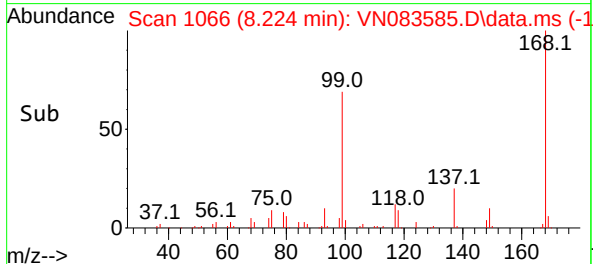
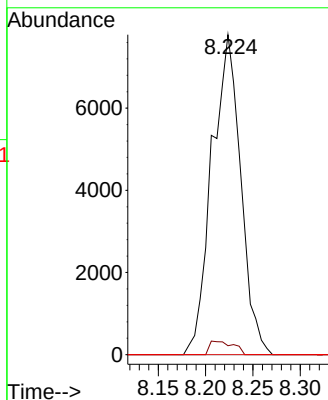


#38
Carbon Tetrachloride
Concen: 5.393 ug/l
RT: 8.224 min Scan# 11066
Delta R.T. -0.135 min
Lab File: VN083585.D
Acq: 30 Aug 2024 19:09

Instrument :
MSVOA_N
ClientSampleId :

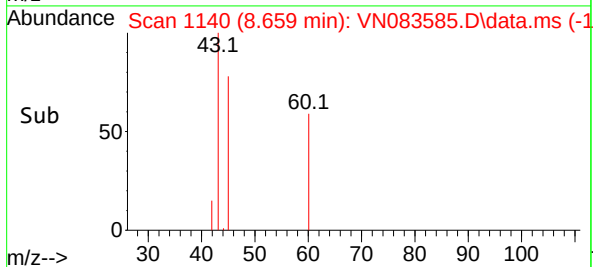
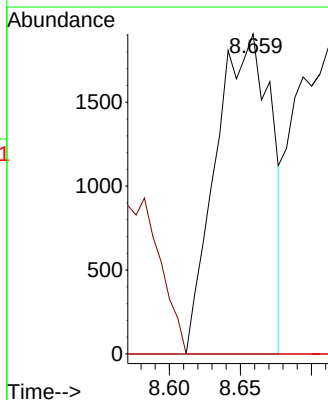
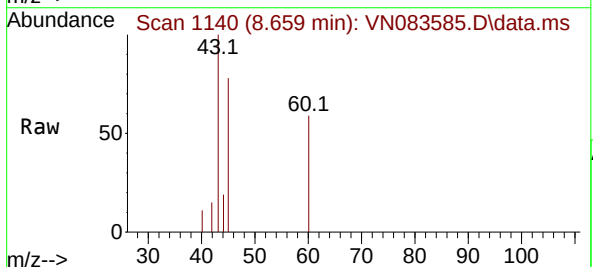


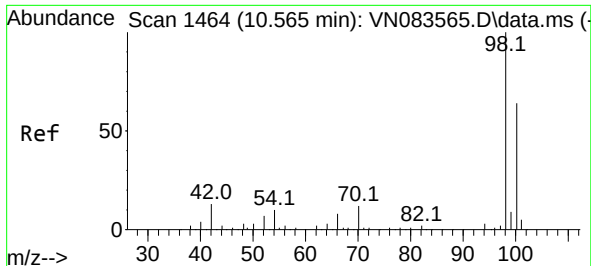
Tgt Ion:117 Resp: 16545
Ion Ratio Lower Upper
117 100
119 2.8 76.1 114.1#
121 0.0 24.1 36.1#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.659 min Scan# 1140
Delta R.T. -0.029 min
Lab File: VN083585.D
Acq: 30 Aug 2024 19:09

Tgt Ion: 43 Resp: 5186
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#

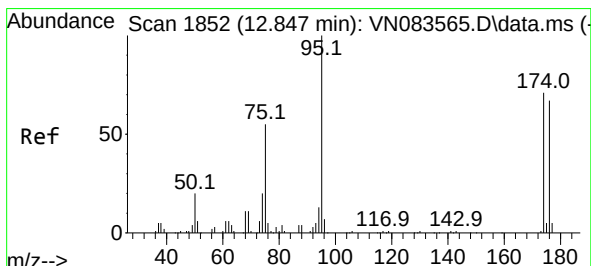
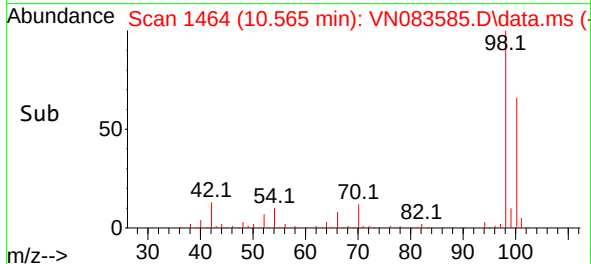
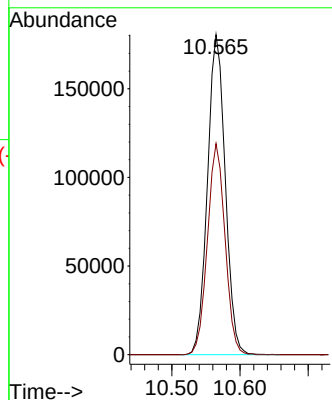
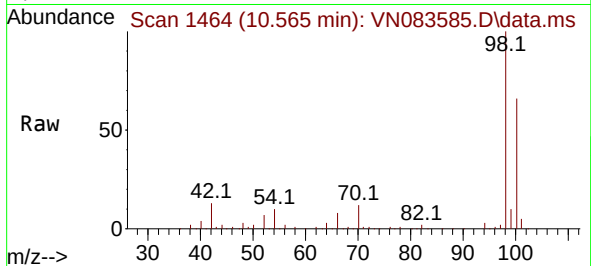




#50
Toluene-d8
Concen: 47.736 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083585.D
Acq: 30 Aug 2024 19:09

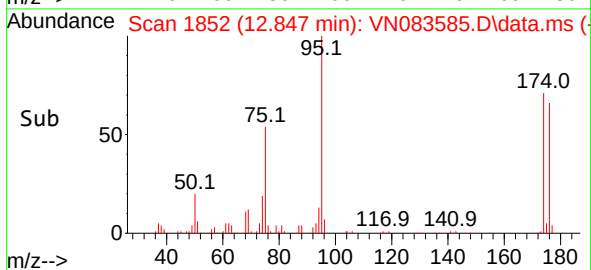
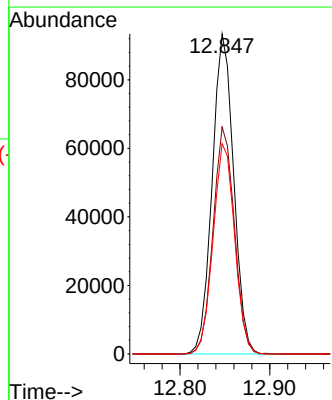
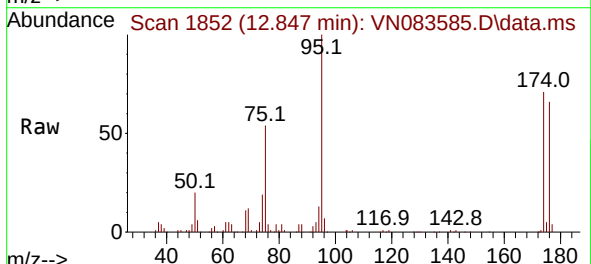
Instrument :
MSVOA_N
ClientSampleId :

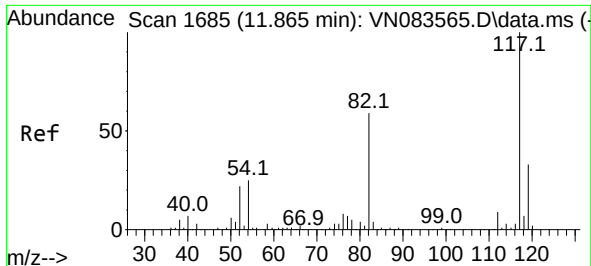
Tgt Ion: 98 Resp: 327679
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 60.901 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083585.D
Acq: 30 Aug 2024 19:09

Tgt Ion: 95 Resp: 154860
Ion Ratio Lower Upper
95 100
174 70.5 0.0 139.8
176 66.1 0.0 131.4

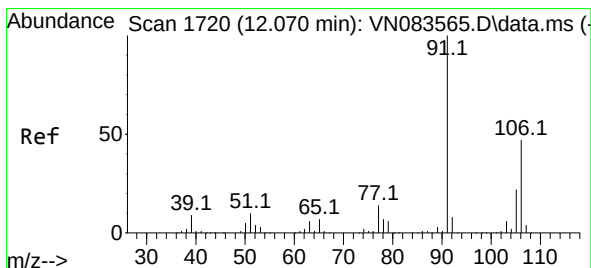
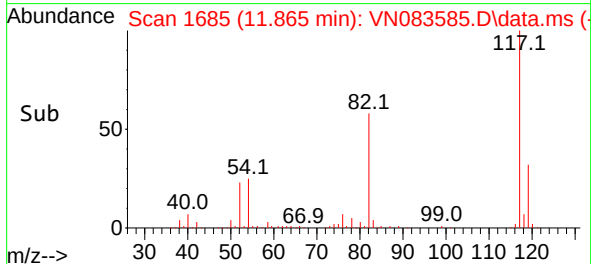
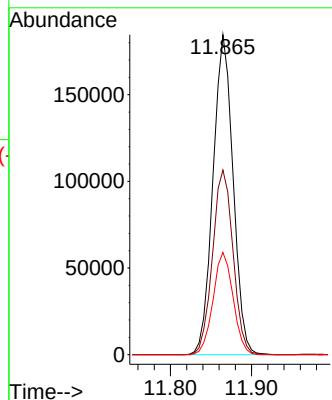
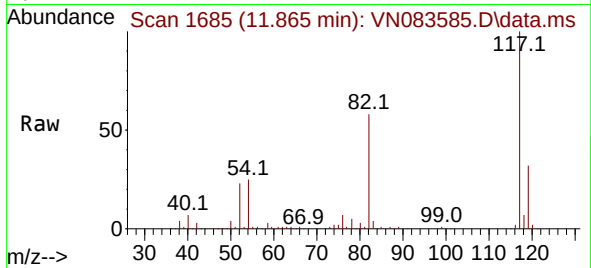




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083585.D
Acq: 30 Aug 2024 19:09

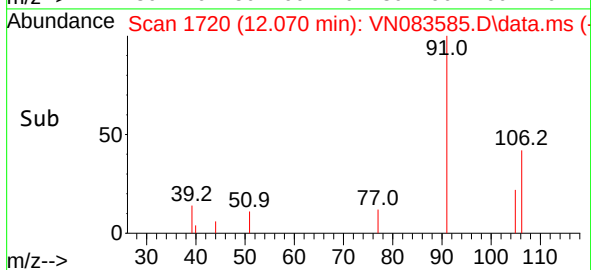
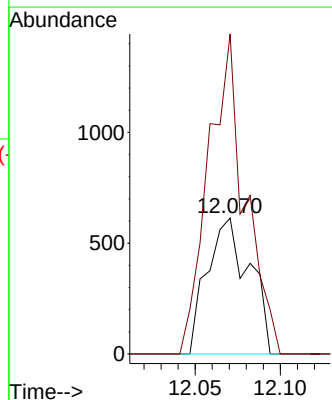
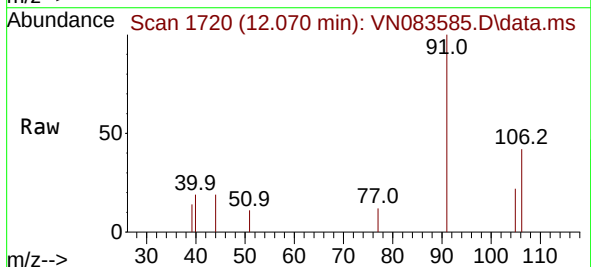
Instrument :
MSVOA_N
ClientSampleId :

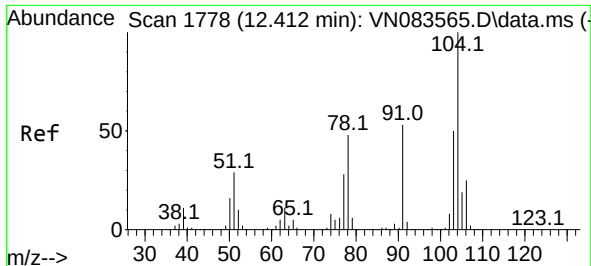
Tgt Ion:117 Resp: 317340
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.0
119 32.0 26.3 39.5



#68
m/p-Xylenes
Concen: 0.221 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN083585.D
Acq: 30 Aug 2024 19:09

Tgt Ion:106 Resp: 1059
Ion Ratio Lower Upper
106 100
91 204.0 169.2 253.8

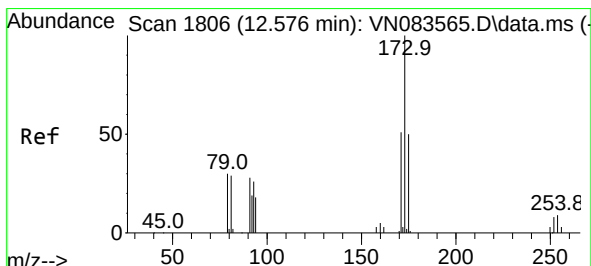
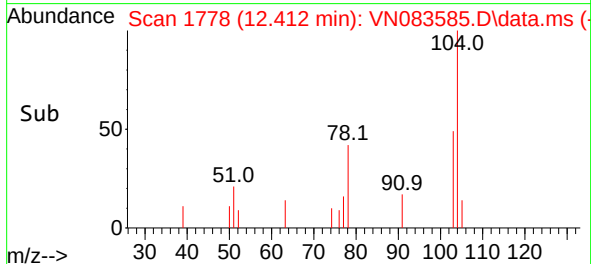
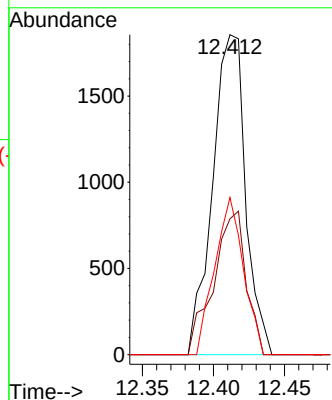
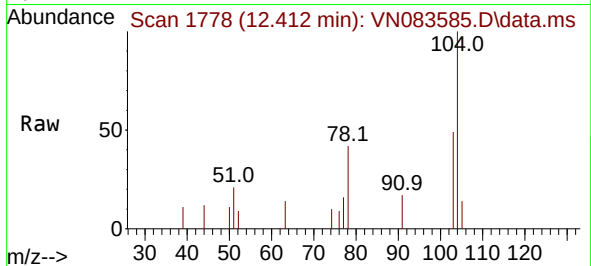




#70
Styrene
Concen: 0.386 ug/l
RT: 12.412 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083585.D
Acq: 30 Aug 2024 19:09

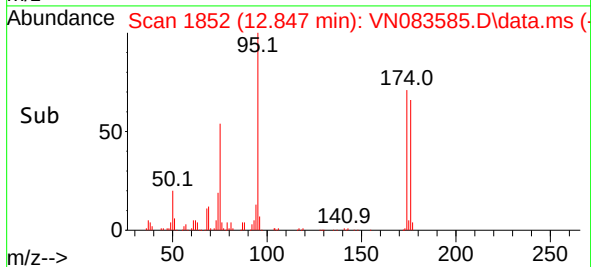
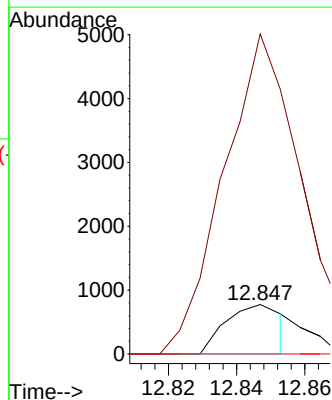
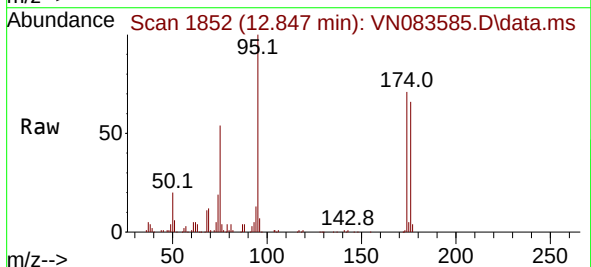
Instrument :
MSVOA_N
ClientSampleId :

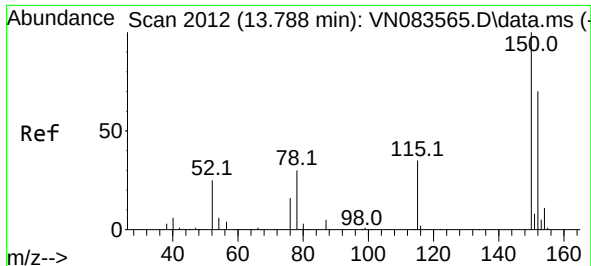
Tgt Ion:104 Resp: 3002
Ion Ratio Lower Upper
104 100
78 44.2 43.3 64.9
103 42.8 43.4 65.2#



#71
Bromoform
Concen: 0.518 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN083585.D
Acq: 30 Aug 2024 19:09

Tgt Ion:173 Resp: 887
Ion Ratio Lower Upper
173 100
175 680.3 24.1 72.2#
254 0.0 0.0 0.0

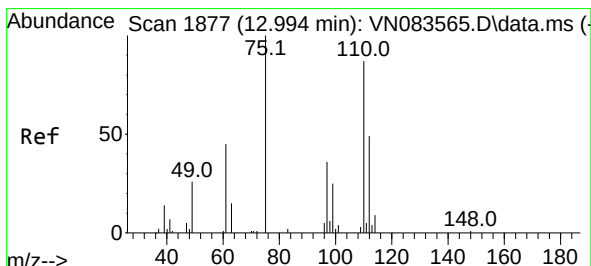
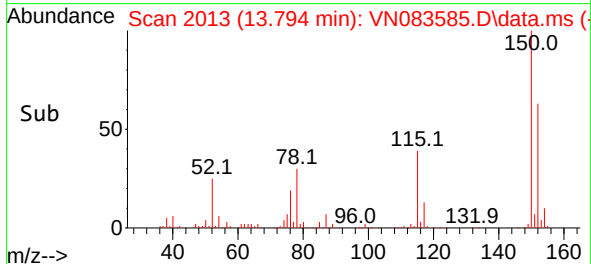
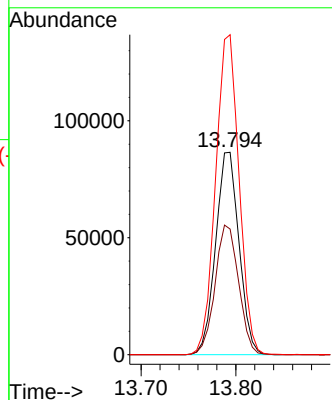
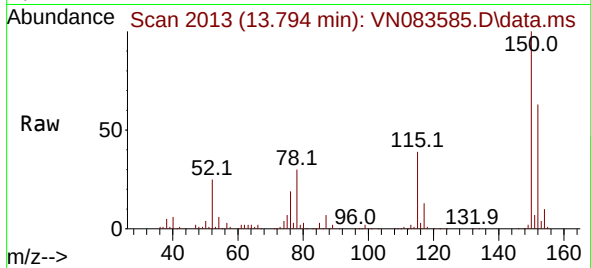




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN083585.D
Acq: 30 Aug 2024 19:09

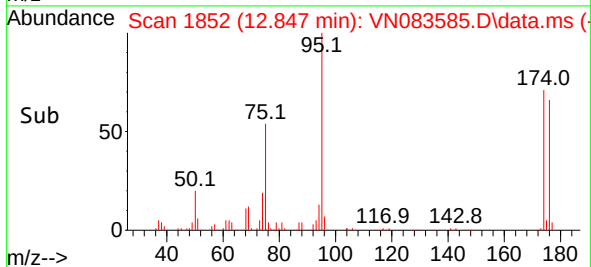
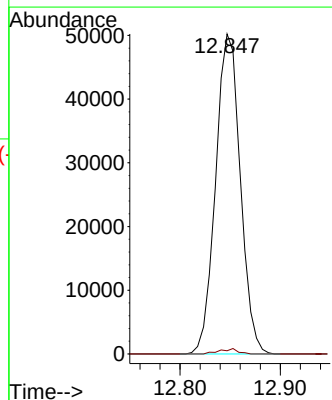
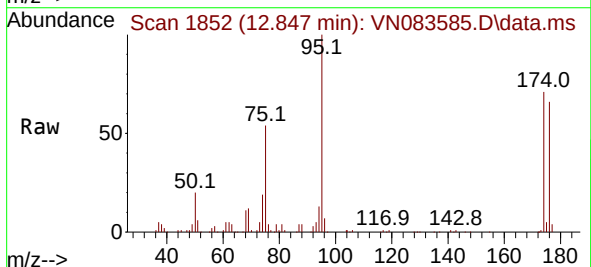
Instrument :
MSVOA_N
ClientSampleId :

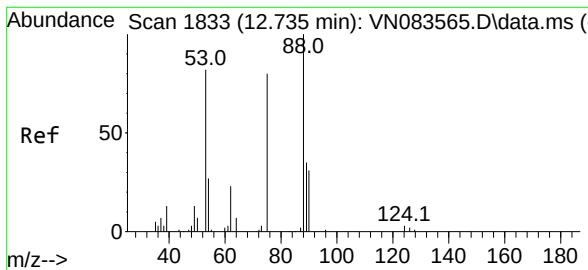
Tgt Ion:152 Resp: 148455
Ion Ratio Lower Upper
152 100
115 64.6 32.2 96.6
150 158.4 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 28.581 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083585.D
Acq: 30 Aug 2024 19:09

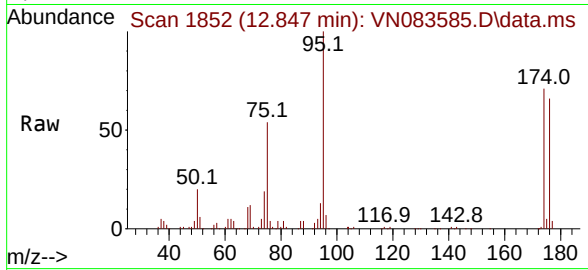
Tgt Ion: 75 Resp: 85666
Ion Ratio Lower Upper
75 100
77 1.2 95.2 285.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 67.411 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083585.D
Acq: 30 Aug 2024 19:09

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 85666
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

