

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121024\
 Data File : VN085157.D
 Acq On : 10 Dec 2024 11:15
 Operator : JC\MD
 Sample : VN1210WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 11 04:11:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

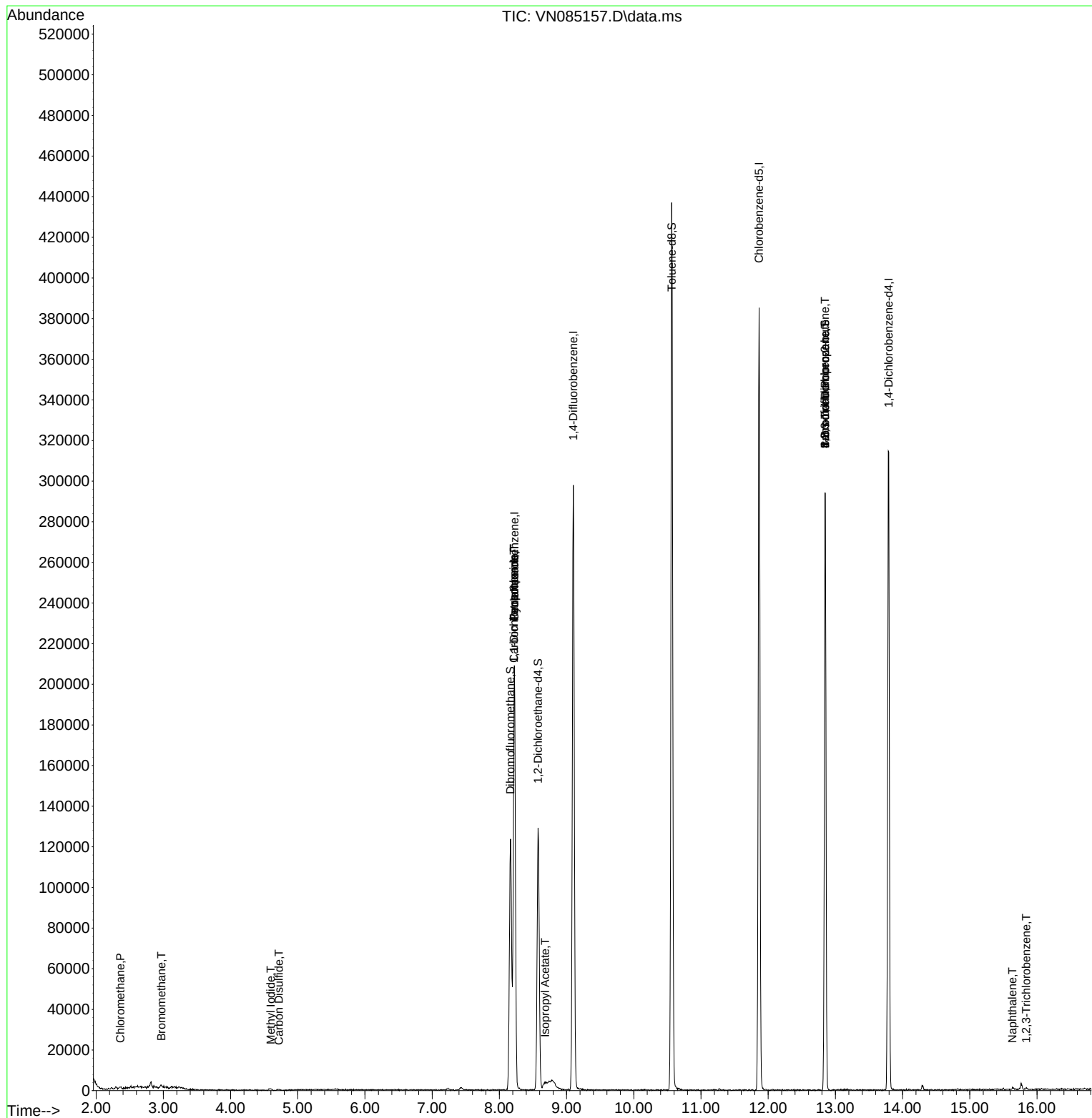
Internal Standards						
1) Pentafluorobenzene	8.224	168	144184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	251448	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	221103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	86343	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	108935	53.041	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 106.080%		
35) Dibromofluoromethane	8.165	113	87621	51.673	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.340%		
50) Toluene-d8	10.565	98	299374	49.264	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 98.520%		
62) 4-Bromofluorobenzene	12.847	95	99708	43.875	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 87.740%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	676	0.357	ug/l #	40
5) Bromomethane	2.971	94	869	0.912	ug/l	85
10) Methyl Iodide	4.600	142	1295	0.597	ug/l #	39
17) Carbon Disulfide	4.718	76	1012	0.224	ug/l #	77
18) Methyl Acetate	5.036	43	63	Below Cal	#	50
31) Cyclohexane	8.224	56	3253	1.189	ug/l #	21
36) 1,1-Dichloropropene	8.218	75	11903	5.182	ug/l #	51
38) Carbon Tetrachloride	8.218	117	16319	6.155	ug/l #	15
43) Isopropyl Acetate	8.683	43	3496	0.806	ug/l #	55
71) Bromoform	12.847	173	428	0.327	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	52571	33.474	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	52571	73.896	ug/l #	10
95) Naphthalene	15.635	128	1493	0.311	ug/l #	75
96) 1,2,3-Trichlorobenzene	15.841	180	470	0.293	ug/l #	57

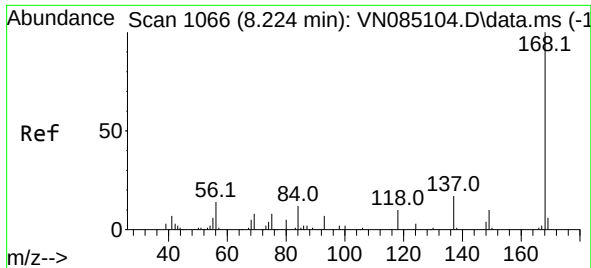
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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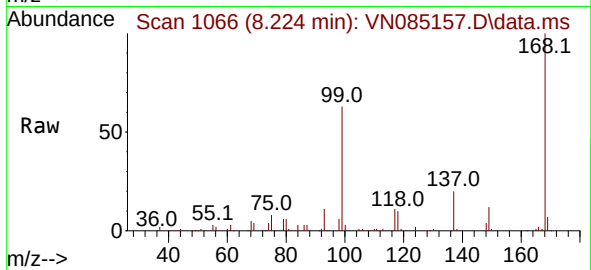
Quant Time: Dec 11 04:11:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260
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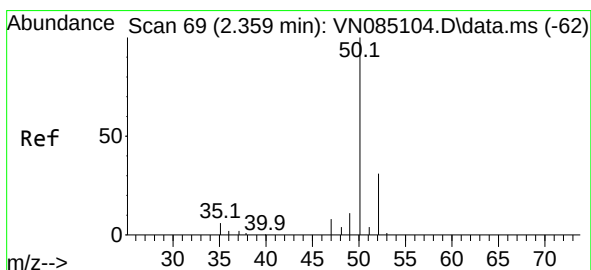
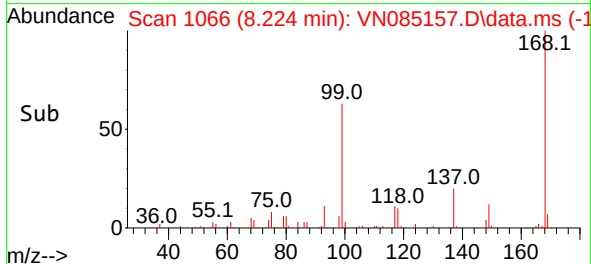
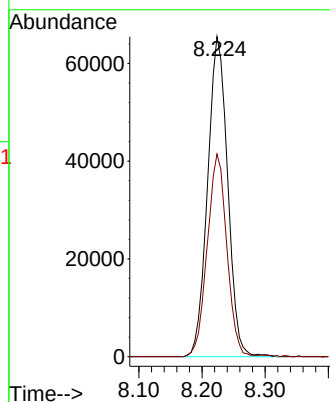


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085157.D
Acq: 10 Dec 2024 11:15

Instrument :
MSVOA_N
ClientSampleId :

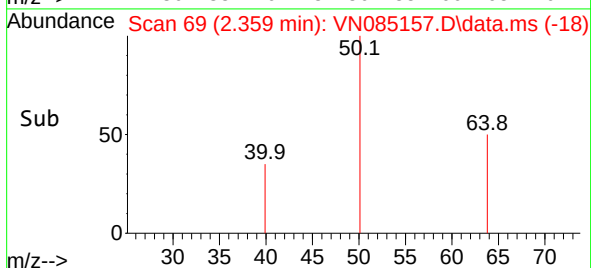
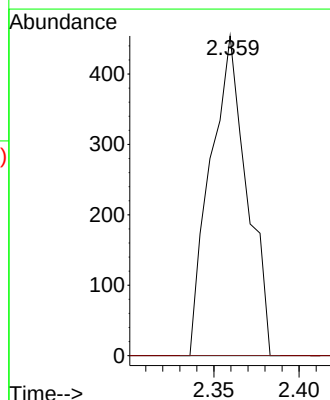
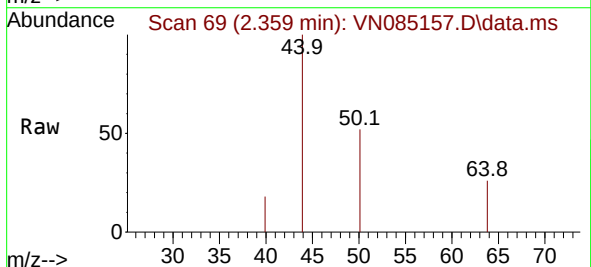


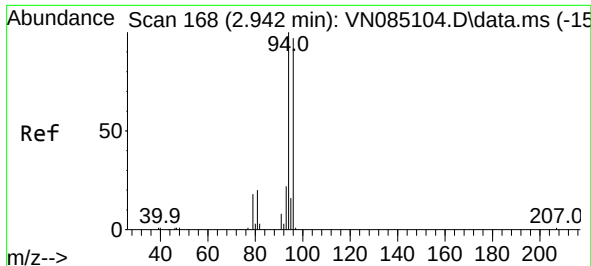
Tgt Ion:168 Resp: 144184
Ion Ratio Lower Upper
168 100
99 63.3 51.2 76.8



#3
Chloromethane
Concen: 0.357 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085157.D
Acq: 10 Dec 2024 11:15

Tgt Ion: 50 Resp: 676
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#

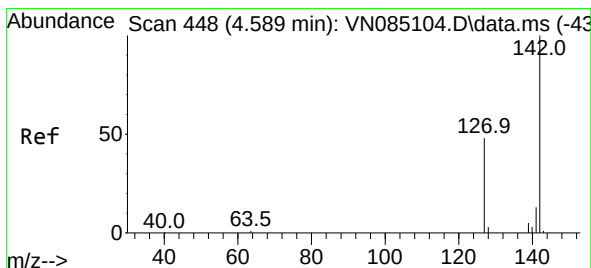
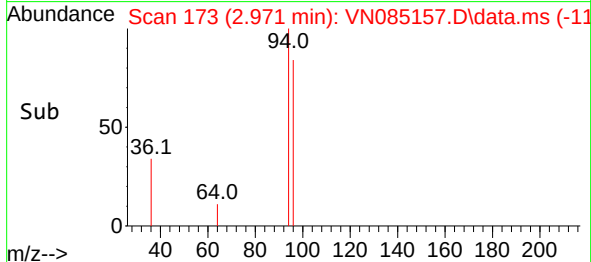
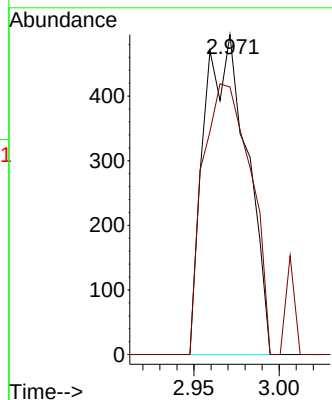
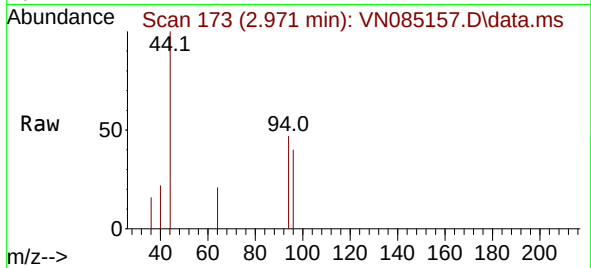




#5
Bromomethane
Concen: 0.912 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.071 min
Lab File: VN085157.D
Acq: 10 Dec 2024 11:15

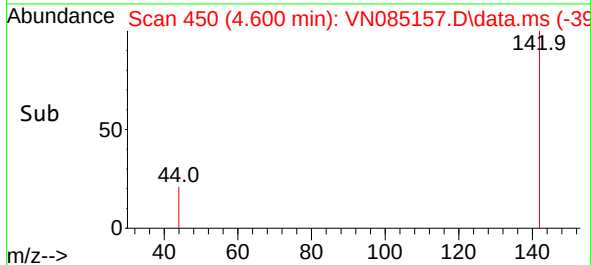
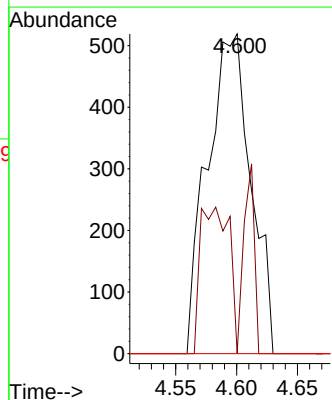
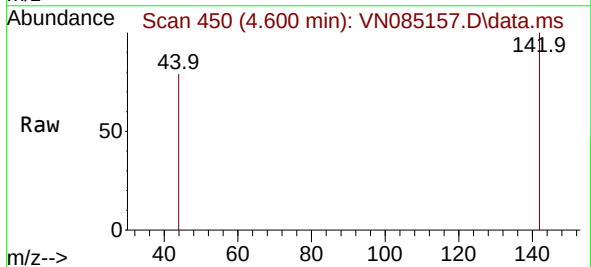
Instrument :
MSVOA_N
ClientSampleId :

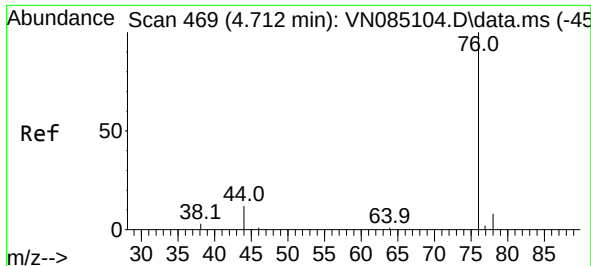
Tgt Ion: 94 Resp: 869
Ion Ratio Lower Upper
94 100
96 83.6 78.7 118.1



#10
Methyl Iodide
Concen: 0.597 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.029 min
Lab File: VN085157.D
Acq: 10 Dec 2024 11:15

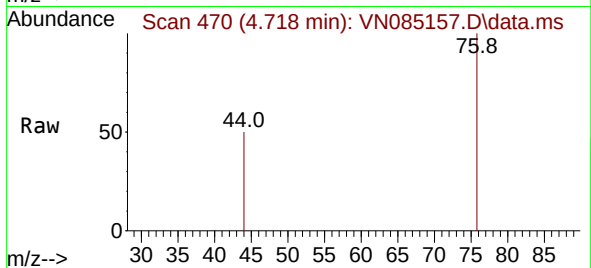
Tgt Ion: 142 Resp: 1295
Ion Ratio Lower Upper
142 100
127 0.0 36.6 54.8#
141 0.0 12.2 18.4#



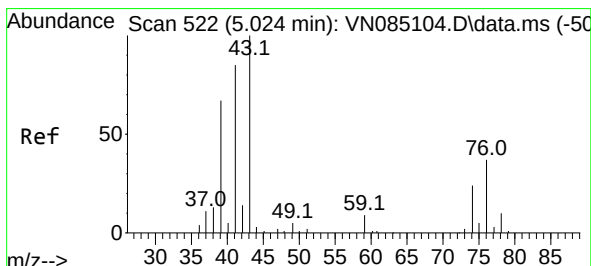
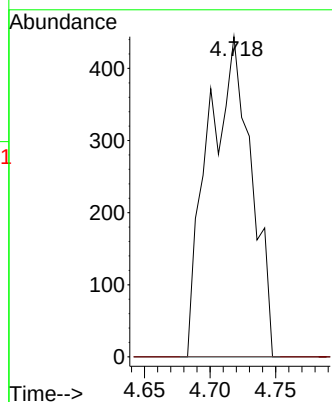
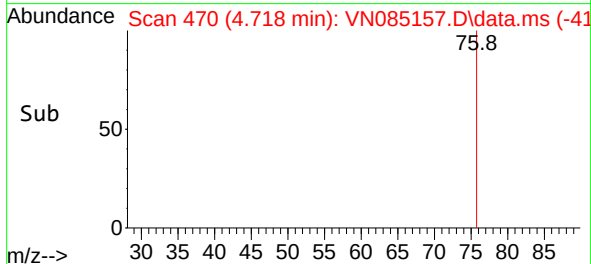


#17
Carbon Disulfide
Concen: 0.224 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.023 min
Lab File: VN085157.D
Acq: 10 Dec 2024 11:15

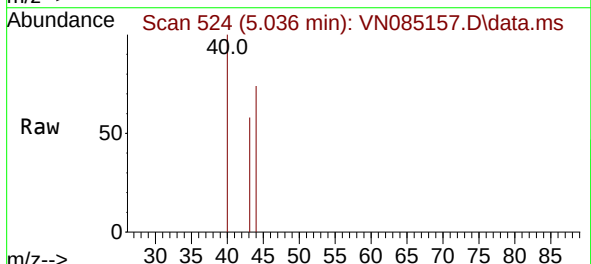
Instrument :
MSVOA_N
ClientSampleId :



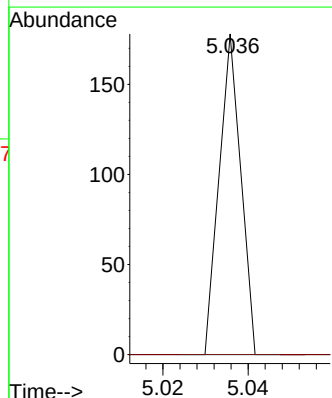
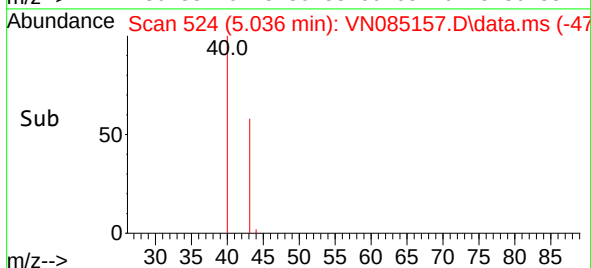
Tgt Ion: 76 Resp: 1012
Ion Ratio Lower Upper
76 100
78 0.0 6.5 9.7#

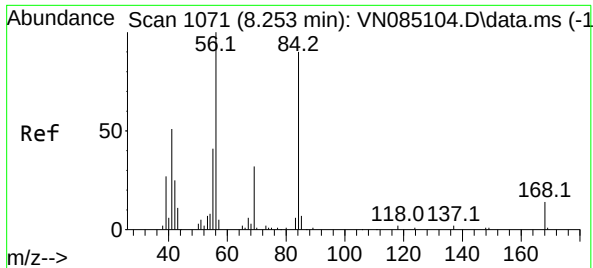


#18
Methyl Acetate
Concen: Below Cal
RT: 5.036 min Scan# 524
Delta R.T. 0.018 min
Lab File: VN085157.D
Acq: 10 Dec 2024 11:15



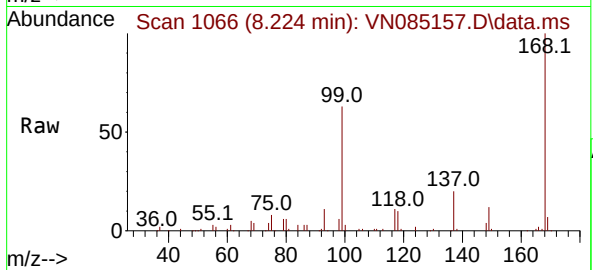
Tgt Ion: 43 Resp: 63
Ion Ratio Lower Upper
43 100
74 0.0 20.1 30.1#



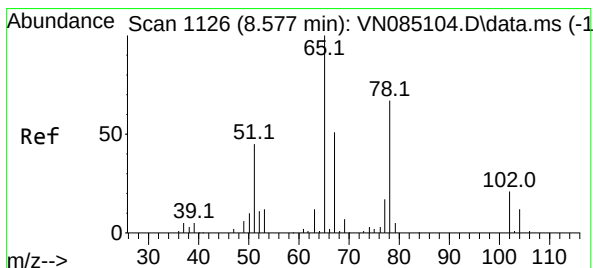
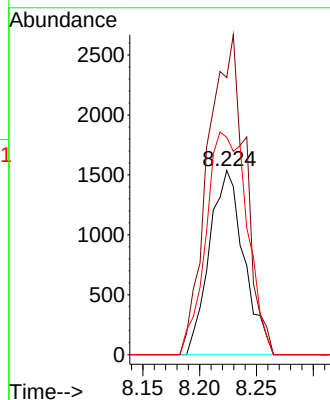
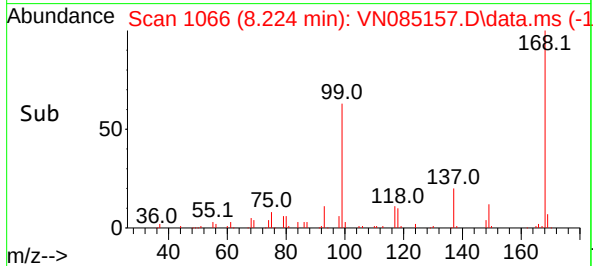


#31
Cyclohexane
Concen: 1.189 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN085157.D
Acq: 10 Dec 2024 11:15

Instrument :
MSVOA_N
ClientSampleId :

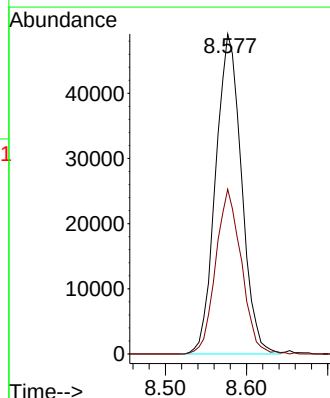
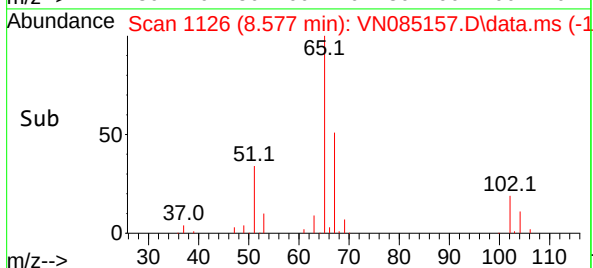
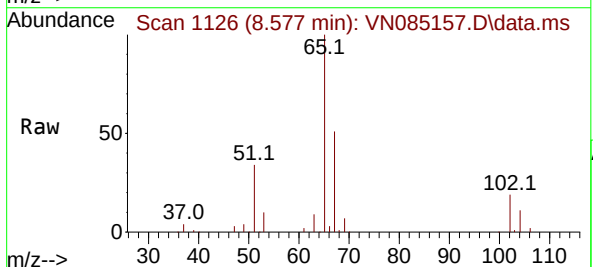


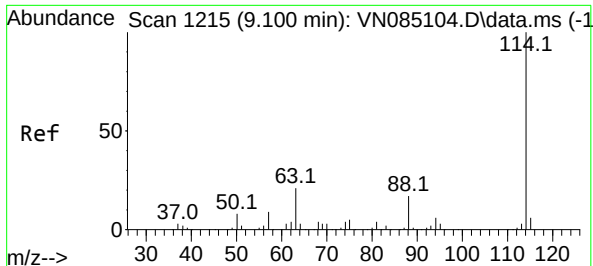
Tgt Ion: 56 Resp: 3253
Ion Ratio Lower Upper
56 100
69 150.4 24.6 36.8#
84 118.0 71.4 107.2#



#33
1,2-Dichloroethane-d4
Concen: 53.041 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085157.D
Acq: 10 Dec 2024 11:15

Tgt Ion: 65 Resp: 108935
Ion Ratio Lower Upper
65 100
67 51.1 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085157.D

Acq: 10 Dec 2024 11:15

Instrument :

MSVOA_N

ClientSampleId :

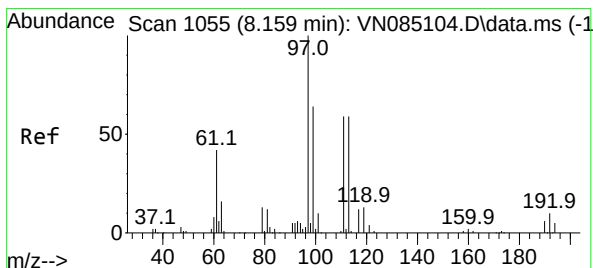
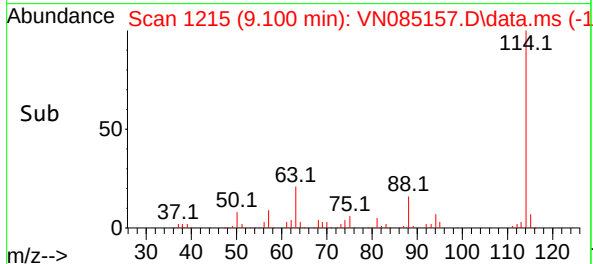
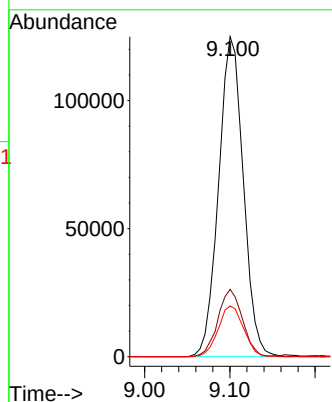
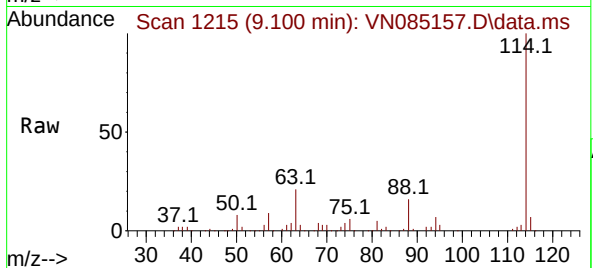
Tgt Ion:114 Resp: 251448

Ion Ratio Lower Upper

114 100

63 21.1 0.0 41.0

88 15.9 0.0 34.8



#35

Dibromofluoromethane

Concen: 51.673 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085157.D

Acq: 10 Dec 2024 11:15

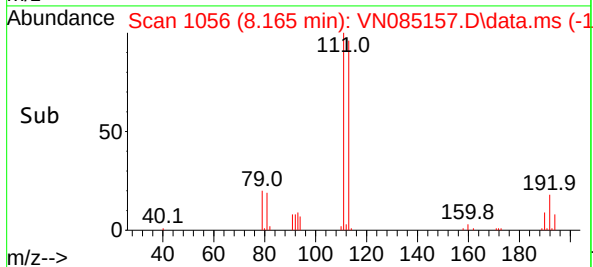
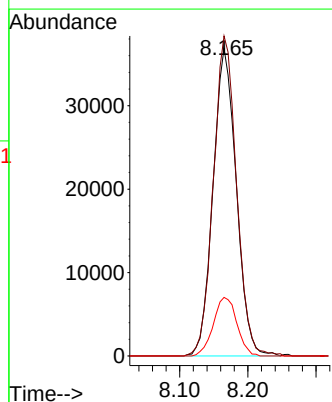
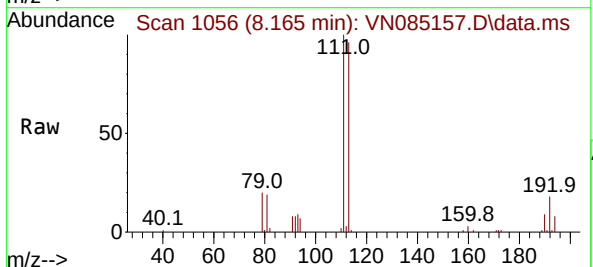
Tgt Ion:113 Resp: 87621

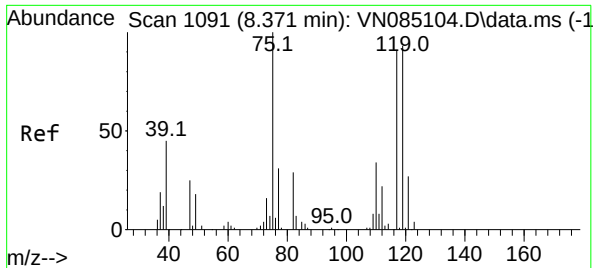
Ion Ratio Lower Upper

113 100

111 103.5 82.0 123.0

192 19.3 14.8 22.2





#36

1,1-Dichloropropene

Concen: 5.182 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN085157.D

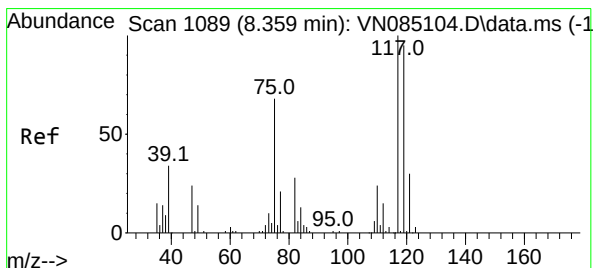
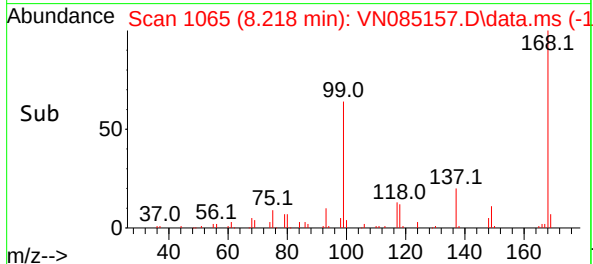
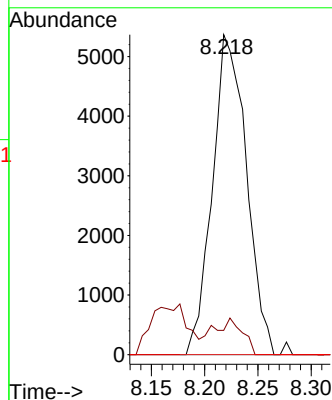
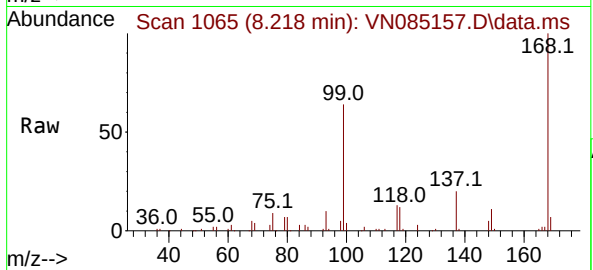
Acq: 10 Dec 2024 11:15

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	75	Resp:	11903
Ion	Ratio	Lower	Upper
75	100		
110	10.0	17.2	51.6#
77	0.0	24.2	36.4#



#38

Carbon Tetrachloride

Concen: 6.155 ug/l

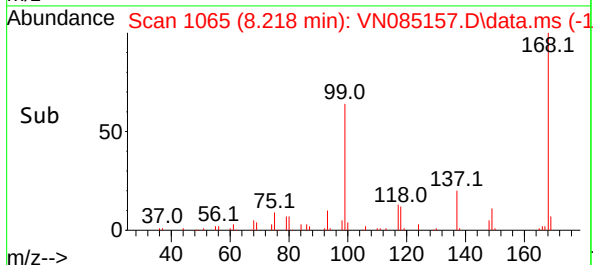
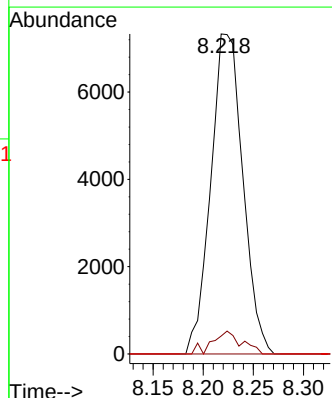
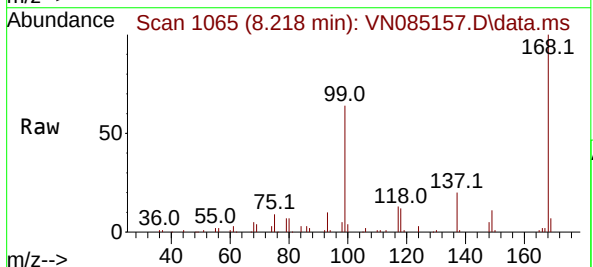
RT: 8.218 min Scan# 1065

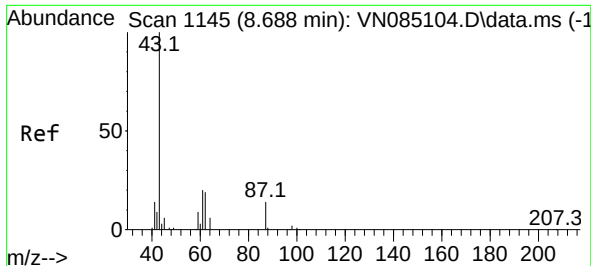
Delta R.T. -0.135 min

Lab File: VN085157.D

Acq: 10 Dec 2024 11:15

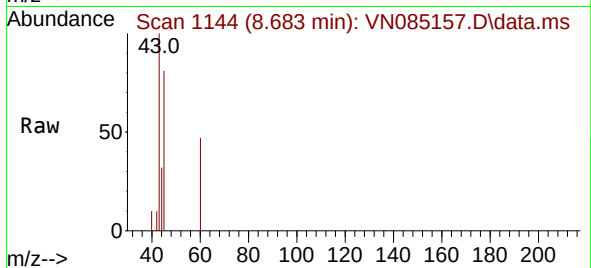
Tgt Ion:	117	Resp:	16319
Ion	Ratio	Lower	Upper
117	100		
119	5.6	78.6	117.8#
121	0.0	24.2	36.2#



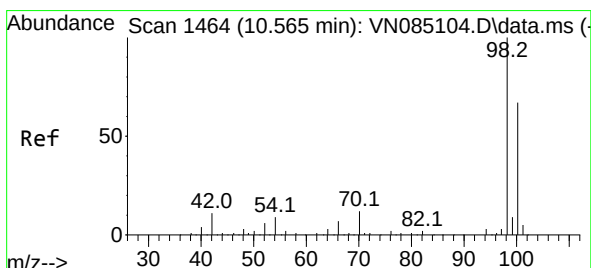
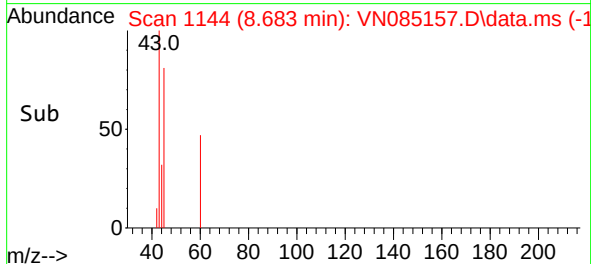
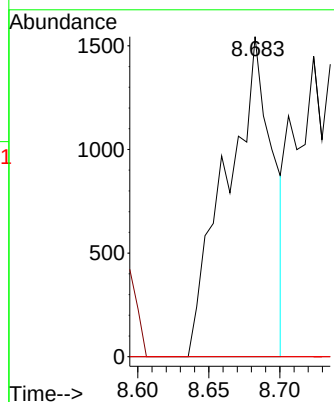


#43
Isopropyl Acetate
Concen: 0.806 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085157.D
Acq: 10 Dec 2024 11:15

Instrument :
MSVOA_N
ClientSampleId :

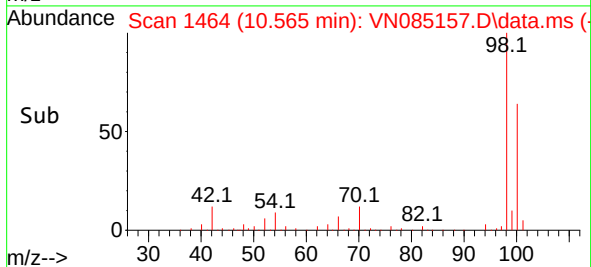
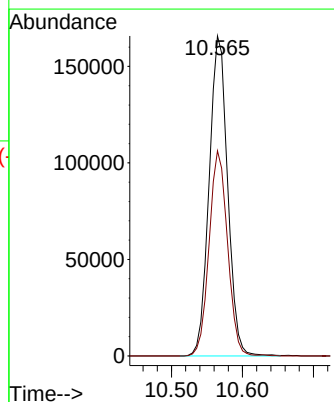
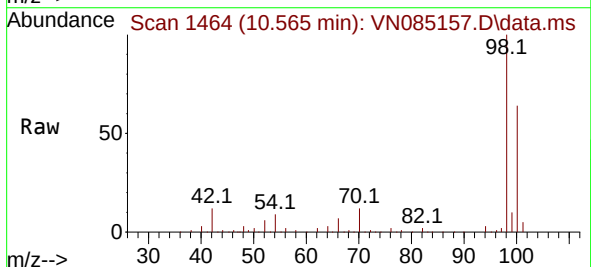


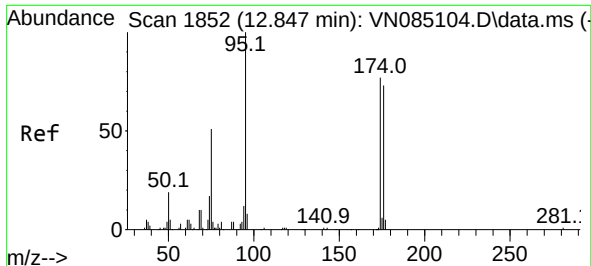
Tgt Ion: 43 Resp: 3496
Ion Ratio Lower Upper
43 100
61 0.0 20.6 30.8#
87 0.0 11.0 16.4#



#50
Toluene-d8
Concen: 49.264 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085157.D
Acq: 10 Dec 2024 11:15

Tgt Ion: 98 Resp: 299374
Ion Ratio Lower Upper
98 100
100 64.1 52.5 78.7

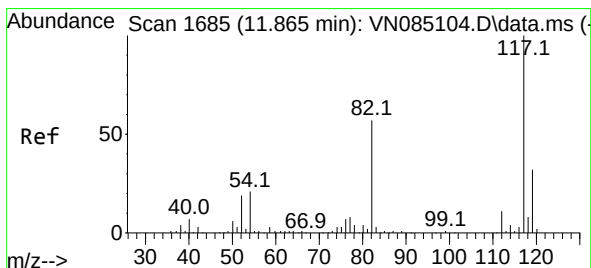
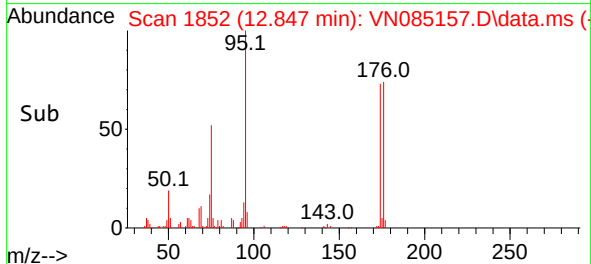
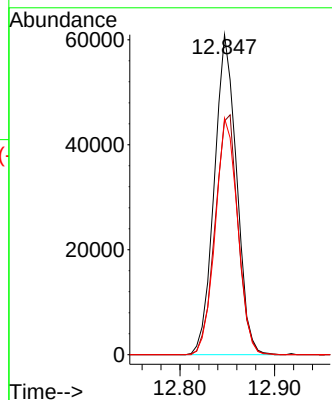
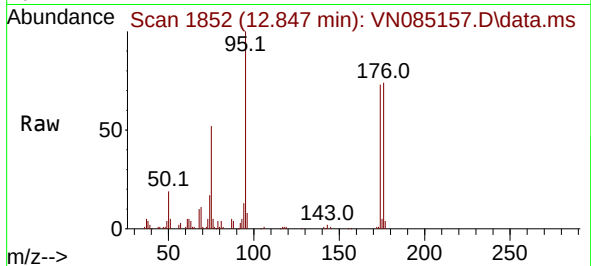




#62
4-Bromofluorobenzene
Concen: 43.875 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085157.D
Acq: 10 Dec 2024 11:15

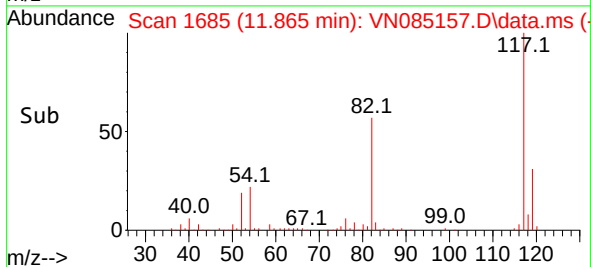
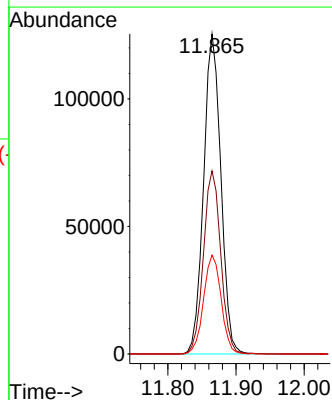
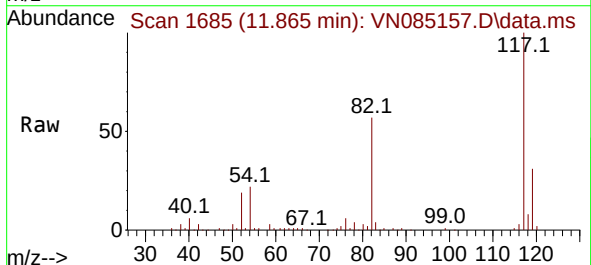
Instrument :
MSVOA_N
ClientSampleId :

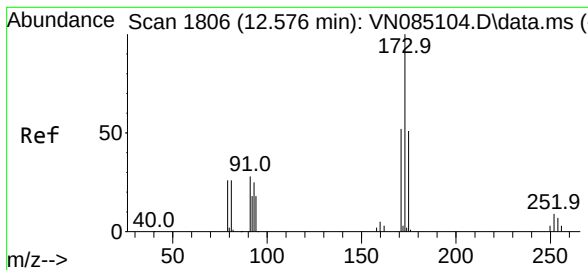
Tgt Ion: 95 Resp: 99708
Ion Ratio Lower Upper
95 100
174 76.8 0.0 146.6
176 74.3 0.0 141.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085157.D
Acq: 10 Dec 2024 11:15

Tgt Ion: 117 Resp: 221103
Ion Ratio Lower Upper
117 100
82 57.2 46.0 69.0
119 30.9 25.6 38.4





#71

Bromoform

Concen: 0.327 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.271 min

Lab File: VN085157.D

Acq: 10 Dec 2024 11:15

Instrument :

MSVOA_N

ClientSampleId :

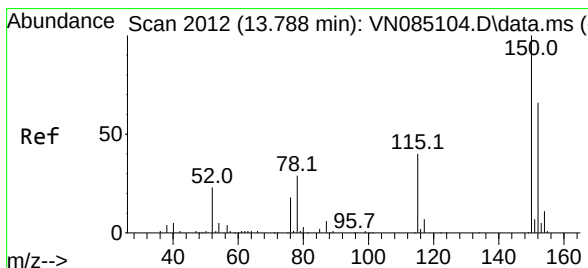
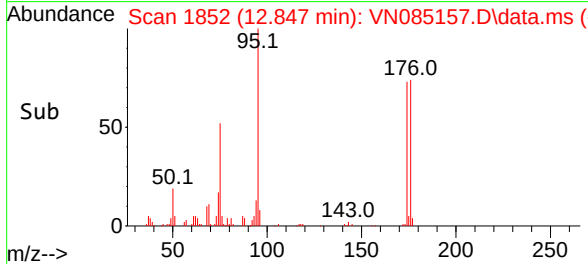
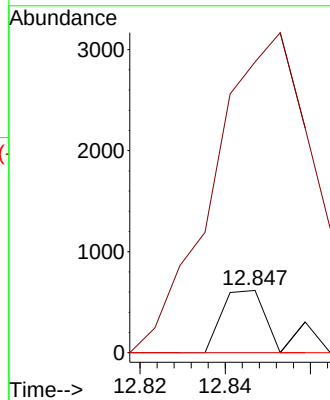
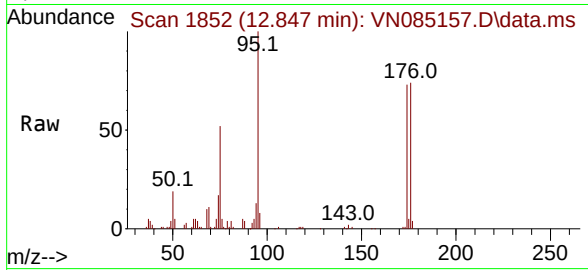
Tgt Ion:173 Resp: 428

Ion Ratio Lower Upper

173 100

175 0.0 23.8 71.2#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN085157.D

Acq: 10 Dec 2024 11:15

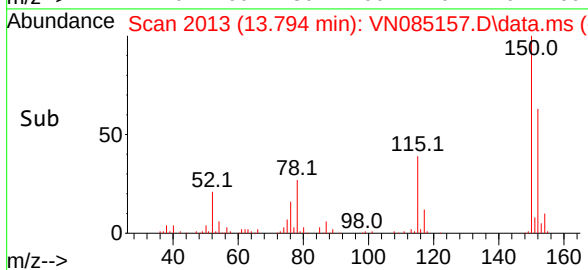
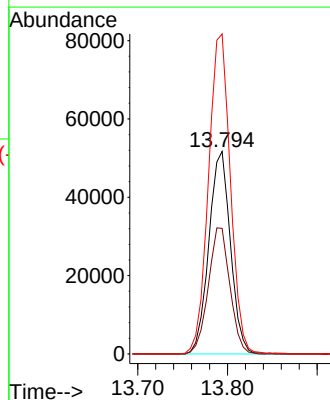
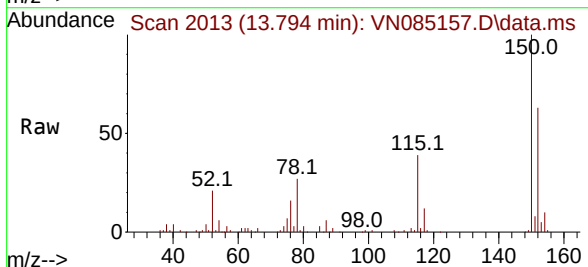
Tgt Ion:152 Resp: 86343

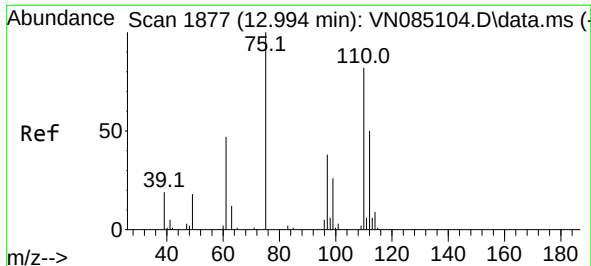
Ion Ratio Lower Upper

152 100

115 62.3 31.7 95.1

150 160.6 0.0 351.4

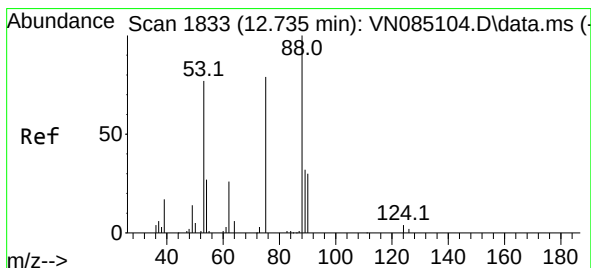
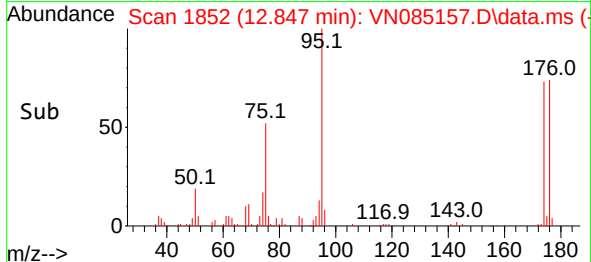
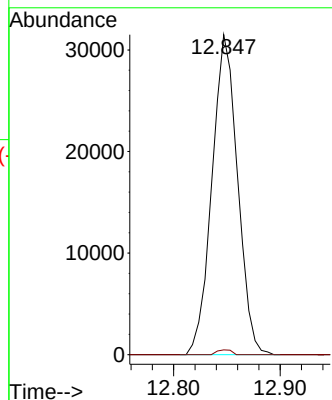
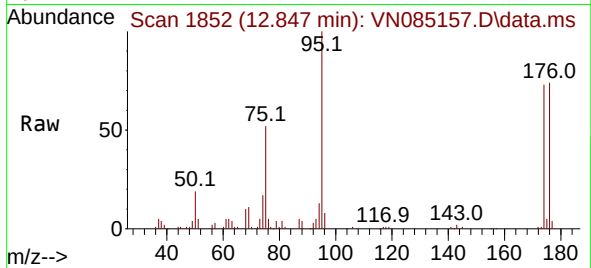




#76
1,2,3-Trichloropropane
Concen: 33.474 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN085157.D
Acq: 10 Dec 2024 11:15

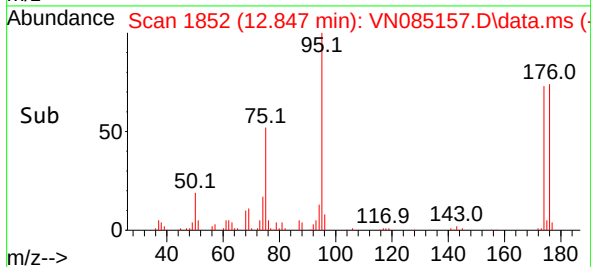
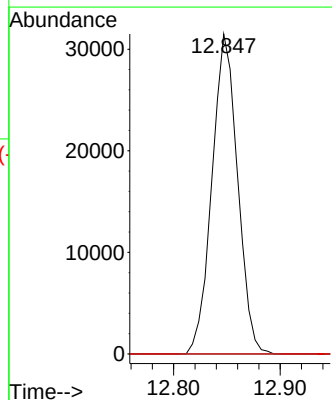
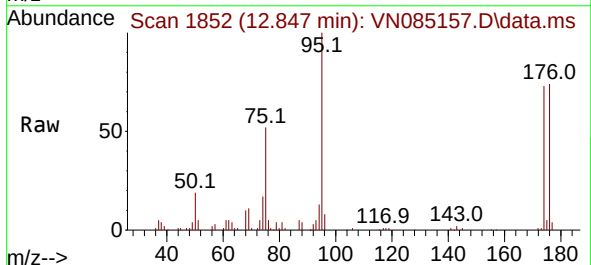
Instrument :
MSVOA_N
ClientSampleId :

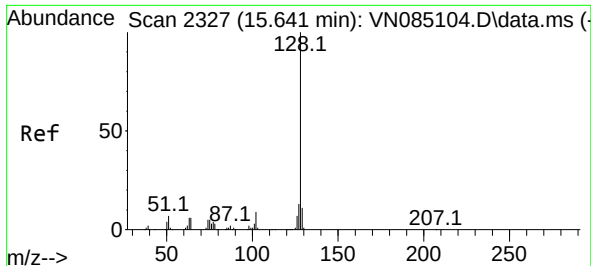
Tgt Ion: 75 Resp: 52571
Ion Ratio Lower Upper
75 100
77 0.9 109.1 327.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.896 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN085157.D
Acq: 10 Dec 2024 11:15

Tgt Ion: 75 Resp: 52571
Ion Ratio Lower Upper
75 100
53 0.0 78.2 117.4#
89 0.0 37.9 56.9#

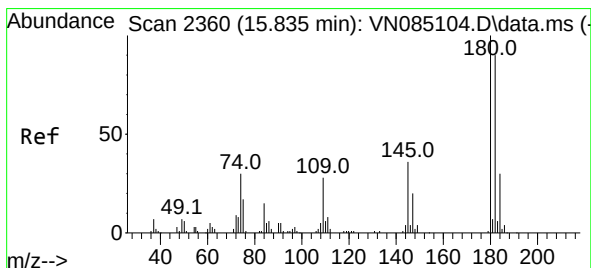
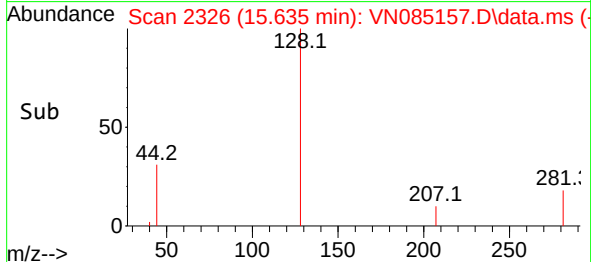
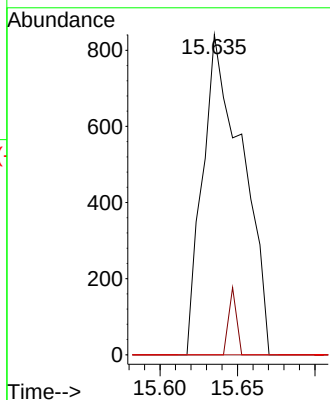
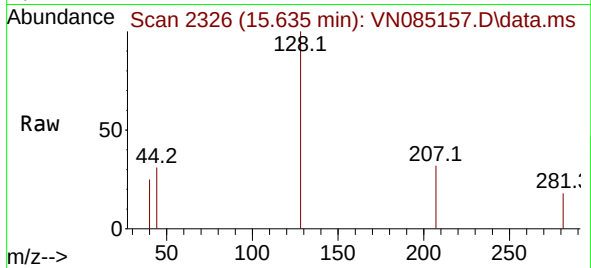




#95
Naphthalene
Concen: 0.311 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN085157.D
Acq: 10 Dec 2024 11:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 1493
Ion Ratio Lower Upper
128 100
127 4.2 10.6 16.0#
129 0.0 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 0.293 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN085157.D
Acq: 10 Dec 2024 11:15

Tgt Ion:180 Resp: 470
Ion Ratio Lower Upper
180 100
182 57.4 46.4 139.2
145 0.0 17.3 52.0#

