

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121024\
 Data File : VN085156.D
 Acq On : 10 Dec 2024 10:51
 Operator : JC\MD
 Sample : VN1210MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 11 04:10:49 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)

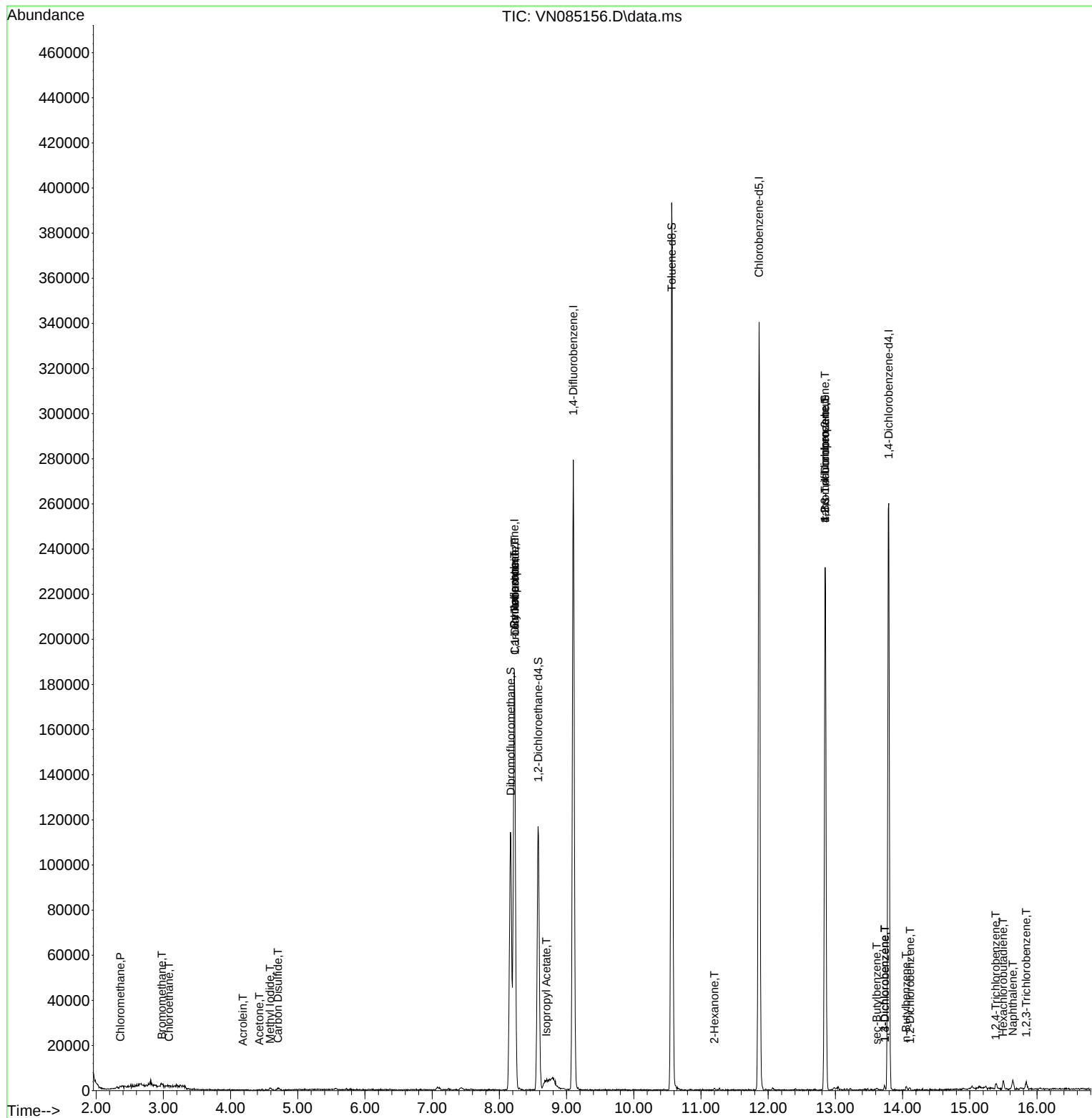
Internal Standards						
1) Pentafluorobenzene	8.224	168	130397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	232497	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	194564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	72163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	99011	53.306	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.620%			
35) Dibromofluoromethane	8.171	113	80745	51.499	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.000%			
50) Toluene-d8	10.565	98	269949	48.043	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.080%			
62) 4-Bromofluorobenzene	12.847	95	81410	38.743	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 77.480%			
Target Compounds					Qvalue	
3) Chloromethane	2.359	50	680	0.398	ug/l #	40
5) Bromomethane	2.977	94	769	0.893	ug/l	87
6) Chloroethane	3.083	64	388	0.375	ug/l #	44
10) Methyl Iodide	4.589	142	1386	0.706	ug/l #	76
13) Acrolein	4.183	56	188	1.135	ug/l #	16
16) Acetone	4.430	43	187	0.346	ug/l #	43
17) Carbon Disulfide	4.706	76	1847	0.452	ug/l #	77
18) Methyl Acetate	5.018	43	272	Below Cal	#	50
31) Cyclohexane	8.224	56	2828	1.143	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	11035	5.196	ug/l #	50
38) Carbon Tetrachloride	8.230	117	14099	5.752	ug/l #	16
43) Isopropyl Acetate	8.700	43	5088	1.269	ug/l #	55
59) 2-Hexanone	11.200	43	592	0.432	ug/l	71
76) 1,2,3-Trichloropropane	12.847	75	41811	31.854	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	41811	70.320	ug/l #	10
85) sec-Butylbenzene	13.618	105	1114	0.224	ug/l #	70
87) 1,3-Dichlorobenzene	13.735	146	691	0.256	ug/l	84
88) 1,4-Dichlorobenzene	13.735	146	691	0.251	ug/l	86
89) n-Butylbenzene	14.053	91	1191	0.312	ug/l	90
91) 1,2-Dichlorobenzene	14.112	146	686	0.265	ug/l	92
93) 1,2,4-Trichlorobenzene	15.388	180	1149	0.817	ug/l	91
94) Hexachlorobutadiene	15.494	225	1002	1.543	ug/l #	69
95) Naphthalene	15.641	128	5200	1.298	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.841	180	1507	1.123	ug/l	98

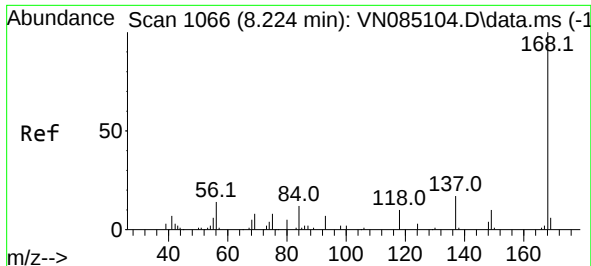
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121024\
Data File : VN085156.D
Acq On : 10 Dec 2024 10:51
Operator : JC\MD
Sample : VN1210MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

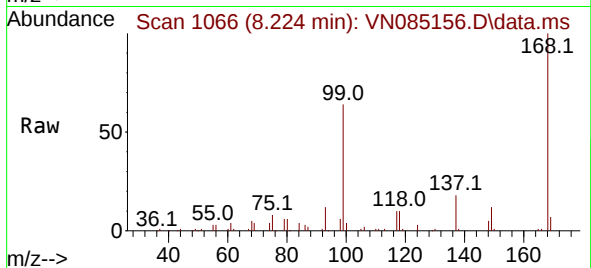
Quant Time: Dec 11 04:10:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
Response via : Initial Calibration



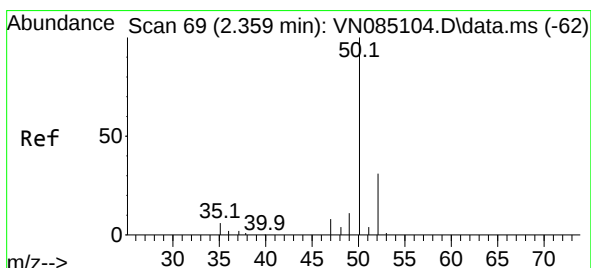
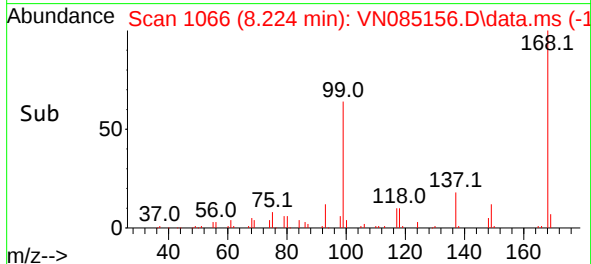
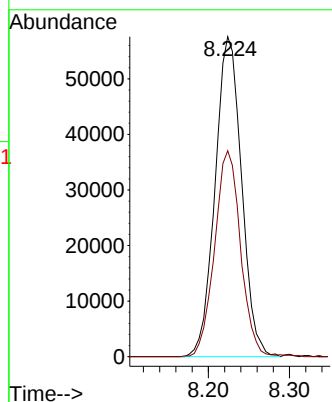


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085156.D
Acq: 10 Dec 2024 10:51

Instrument :
MSVOA_N
ClientSampleId :

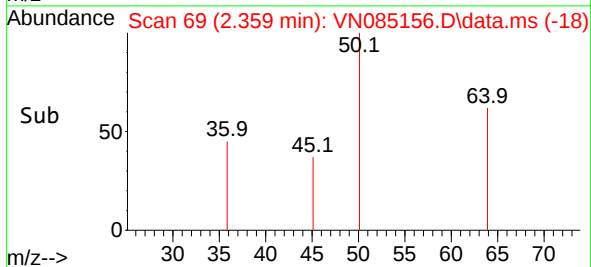
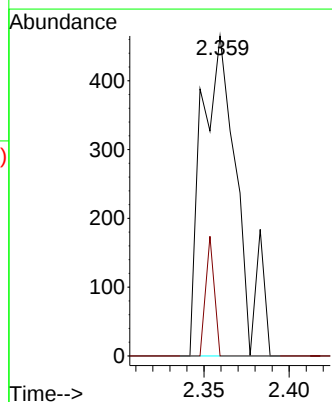
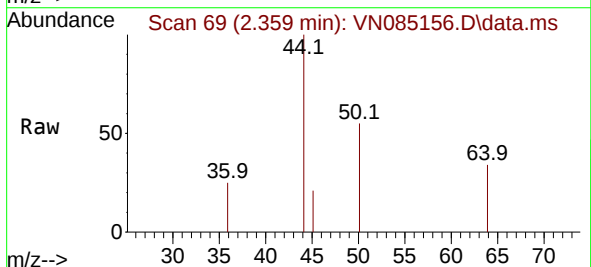


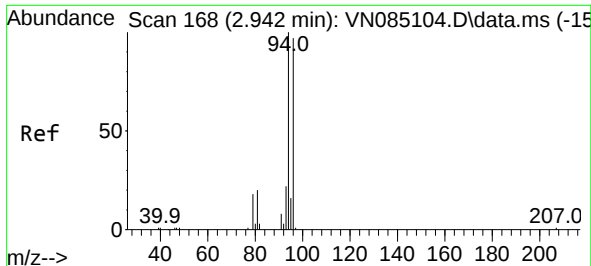
Tgt Ion:168 Resp: 130397
Ion Ratio Lower Upper
168 100
99 64.4 51.2 76.8



#3
Chloromethane
Concen: 0.398 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085156.D
Acq: 10 Dec 2024 10:51

Tgt Ion: 50 Resp: 680
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#

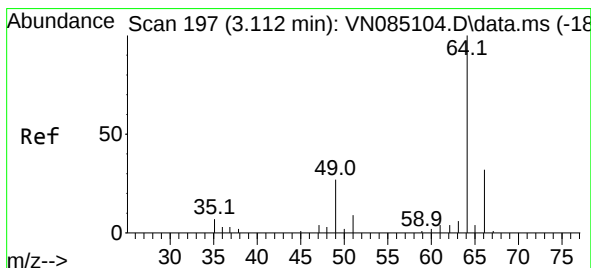
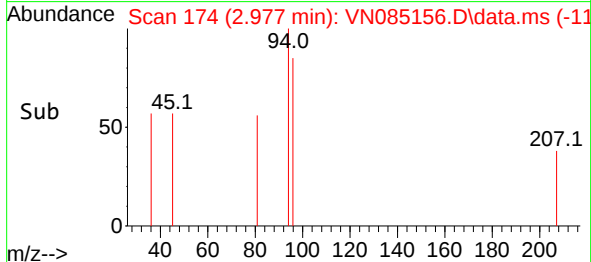
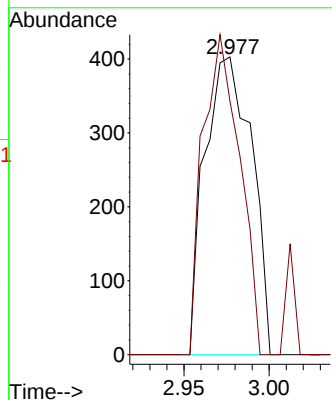
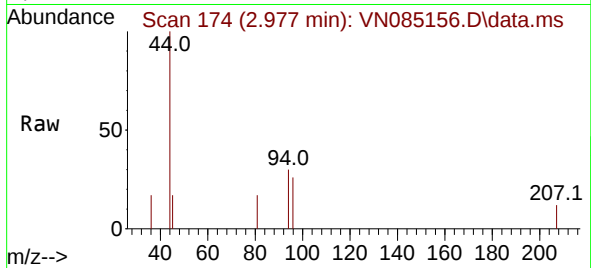




#5
Bromomethane
Concen: 0.893 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.076 min
Lab File: VN085156.D
Acq: 10 Dec 2024 10:51

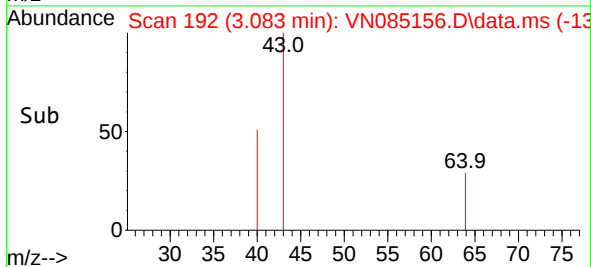
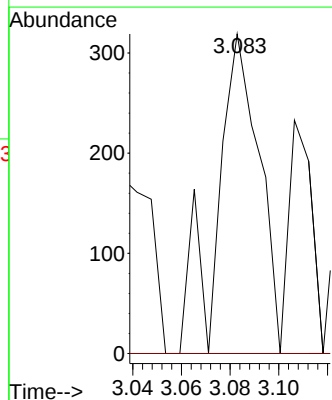
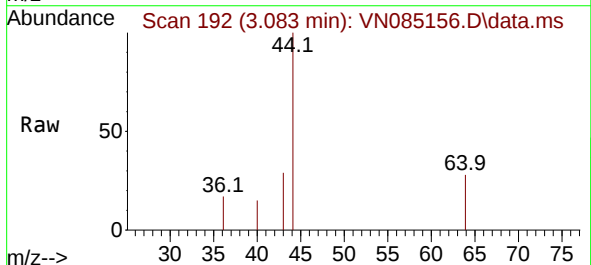
Instrument :
MSVOA_N
ClientSampleId :

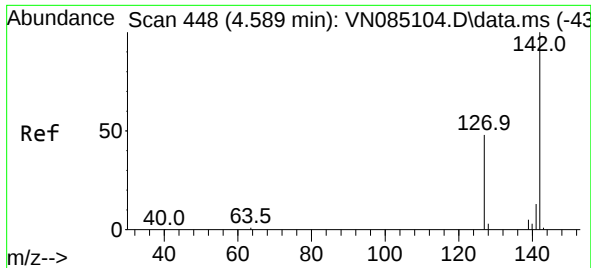
Tgt Ion: 94 Resp: 769
Ion Ratio Lower Upper
94 100
96 85.1 78.7 118.1



#6
Chloroethane
Concen: 0.375 ug/l
RT: 3.083 min Scan# 192
Delta R.T. 0.018 min
Lab File: VN085156.D
Acq: 10 Dec 2024 10:51

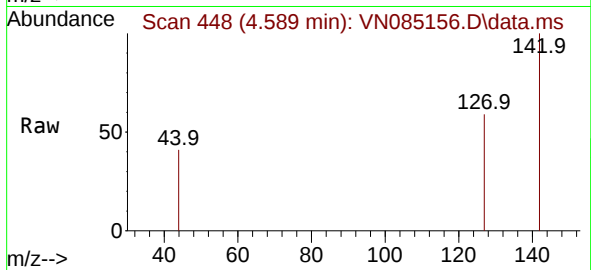
Tgt Ion: 64 Resp: 388
Ion Ratio Lower Upper
64 100
66 0.0 24.4 36.6#



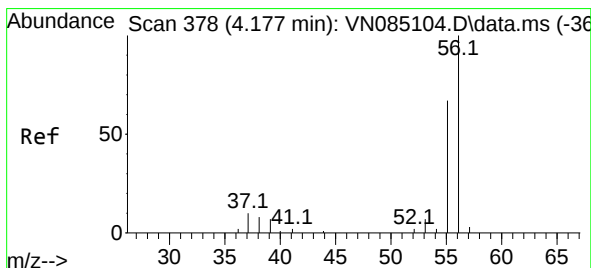
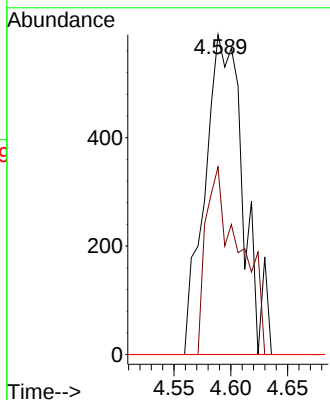
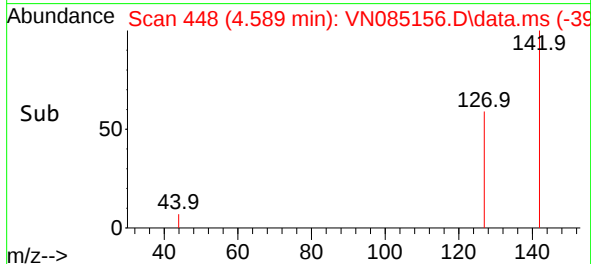


#10
Methyl Iodide
Concen: 0.706 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.018 min
Lab File: VN085156.D
Acq: 10 Dec 2024 10:51

Instrument :
MSVOA_N
ClientSampleId :

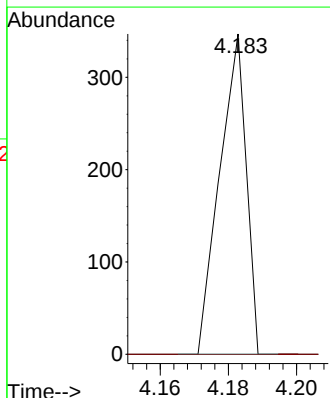
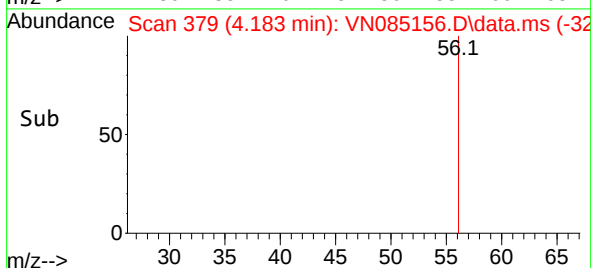
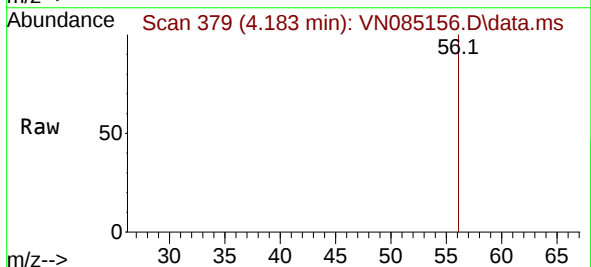


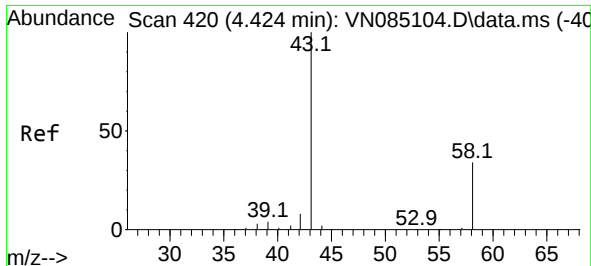
Tgt Ion:142 Resp: 1386
Ion Ratio Lower Upper
142 100
127 58.6 36.6 54.8#
141 0.0 12.2 18.4#



#13
Acrolein
Concen: 1.135 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.018 min
Lab File: VN085156.D
Acq: 10 Dec 2024 10:51

Tgt Ion: 56 Resp: 188
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#

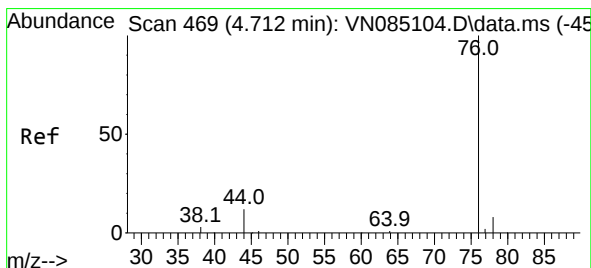
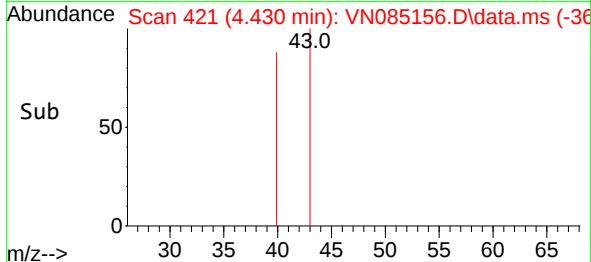
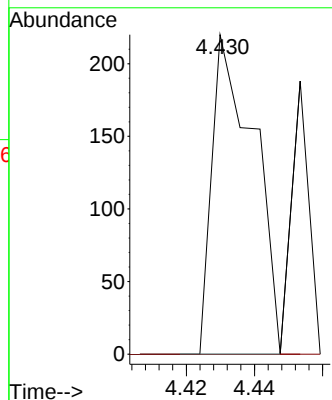
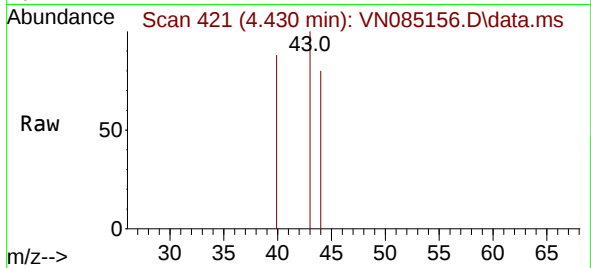




#16
Acetone
Concen: 0.346 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN085156.D
Acq: 10 Dec 2024 10:51

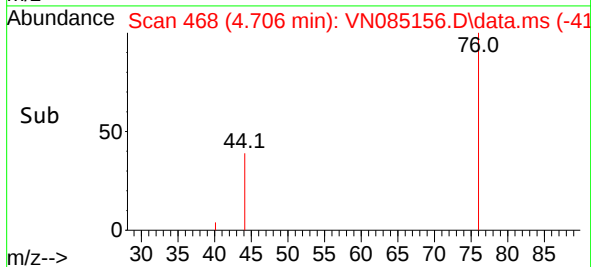
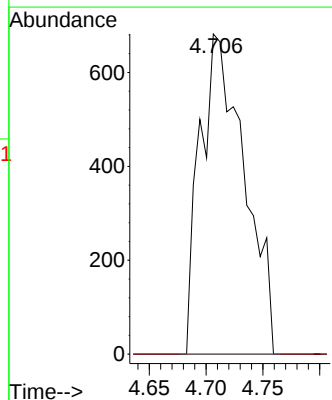
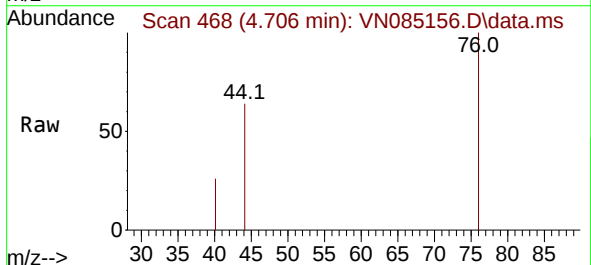
Instrument :
MSVOA_N
ClientSampleId :

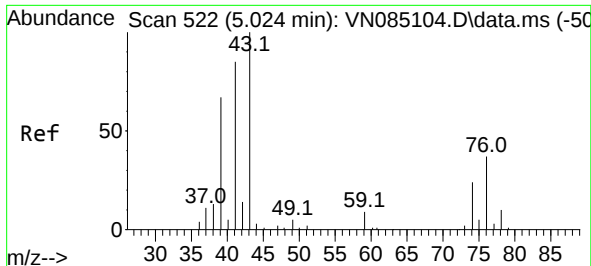
Tgt Ion: 43 Resp: 187
Ion Ratio Lower Upper
43 100
58 0.0 25.4 38.2#



#17
Carbon Disulfide
Concen: 0.452 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.012 min
Lab File: VN085156.D
Acq: 10 Dec 2024 10:51

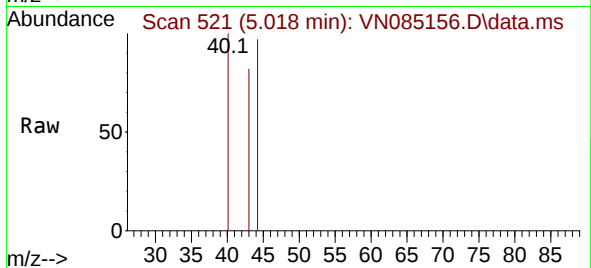
Tgt Ion: 76 Resp: 1847
Ion Ratio Lower Upper
76 100
78 0.0 6.5 9.7#



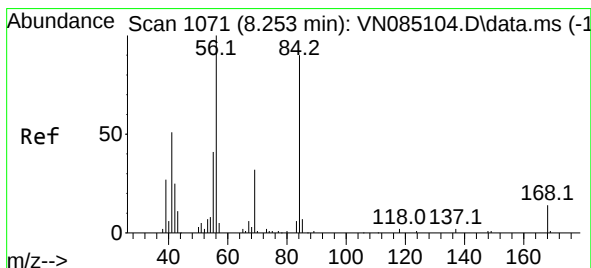
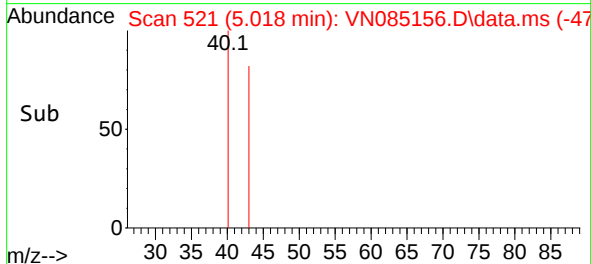
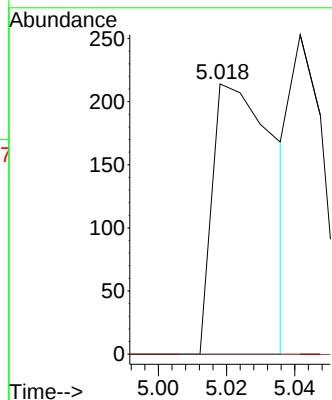


#18
Methyl Acetate
Concen: Below Cal
RT: 5.018 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN085156.D
Acq: 10 Dec 2024 10:51

Instrument :
MSVOA_N
ClientSampleId :

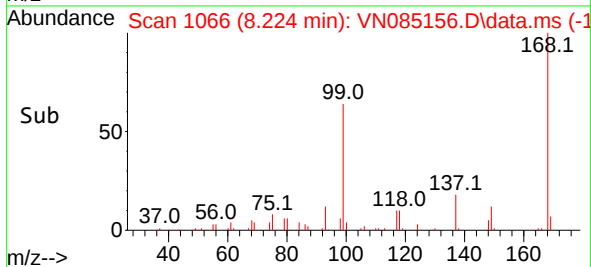
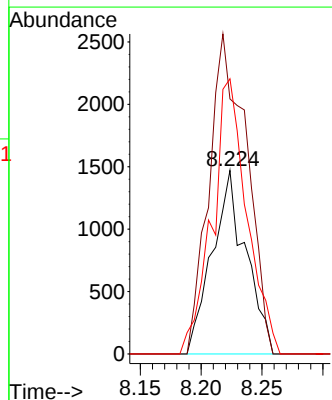
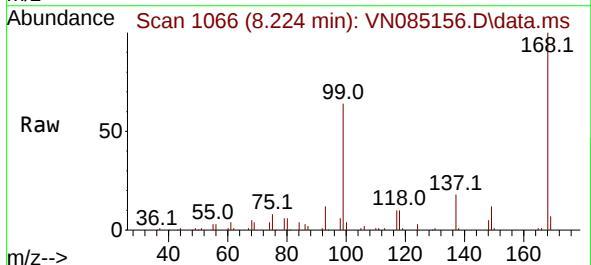


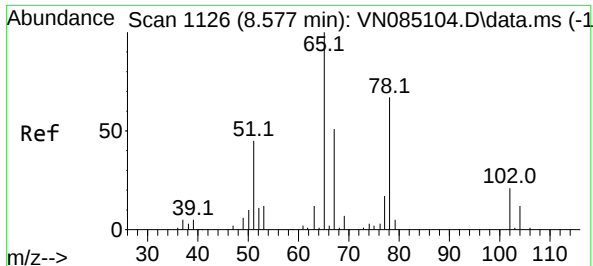
Tgt Ion: 43 Resp: 272
Ion Ratio Lower Upper
43 100
74 0.0 20.1 30.1#



#31
Cyclohexane
Concen: 1.143 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN085156.D
Acq: 10 Dec 2024 10:51

Tgt Ion: 56 Resp: 2828
Ion Ratio Lower Upper
56 100
69 139.0 24.6 36.8#
84 150.0 71.4 107.2#





#33

1,2-Dichloroethane-d4

Concen: 53.306 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN085156.D

Acq: 10 Dec 2024 10:51

Instrument :

MSVOA_N

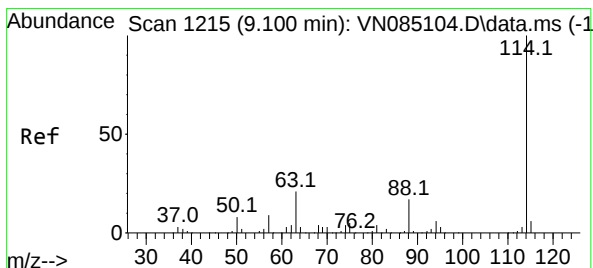
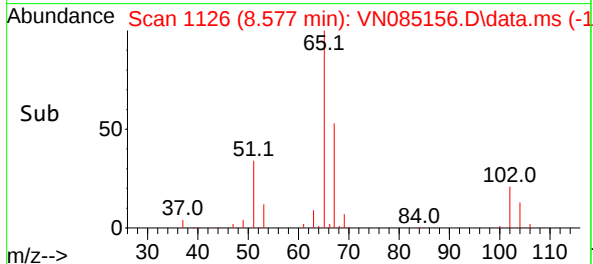
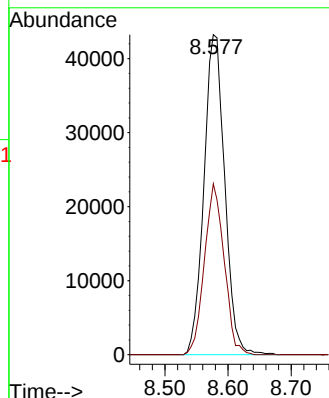
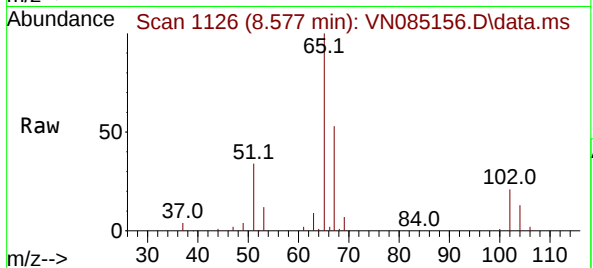
ClientSampleId :

Tgt Ion: 65 Resp: 99011

Ion Ratio Lower Upper

65 100

67 50.6 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085156.D

Acq: 10 Dec 2024 10:51

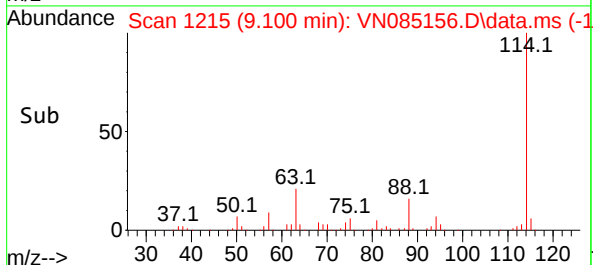
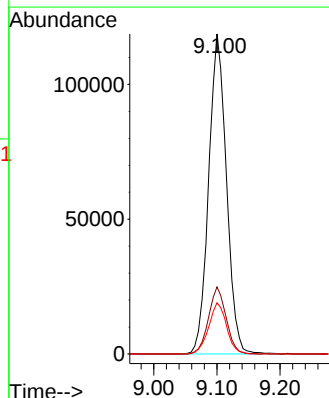
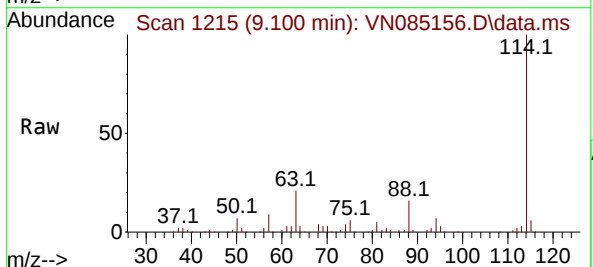
Tgt Ion: 114 Resp: 232497

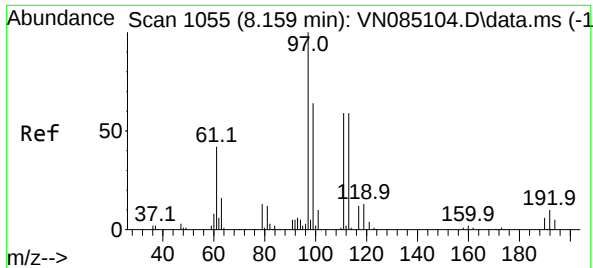
Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.0

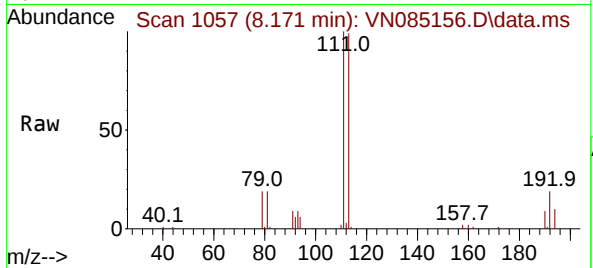
88 16.0 0.0 34.8



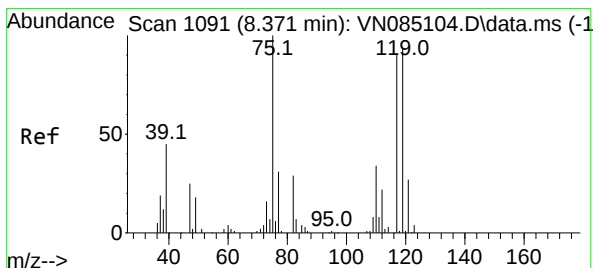
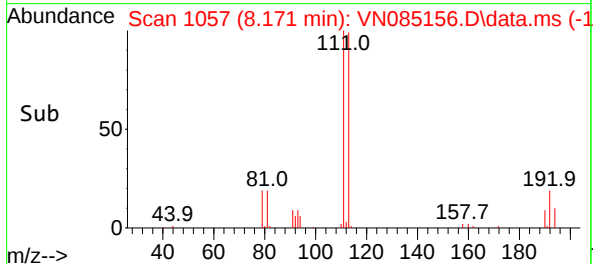
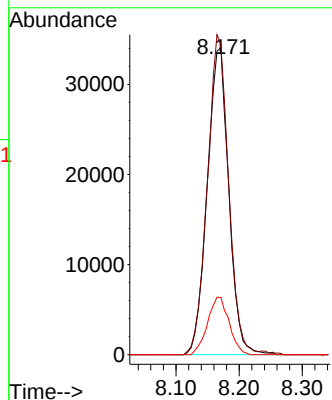


#35
Dibromofluoromethane
Concen: 51.499 ug/l
RT: 8.171 min Scan# 1055
Delta R.T. 0.012 min
Lab File: VN085156.D
Acq: 10 Dec 2024 10:51

Instrument :
MSVOA_N
ClientSampleId :

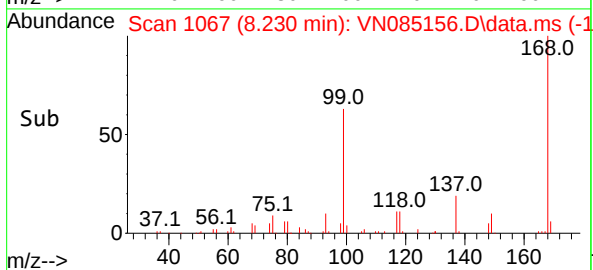
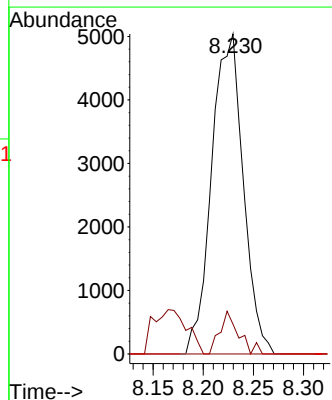
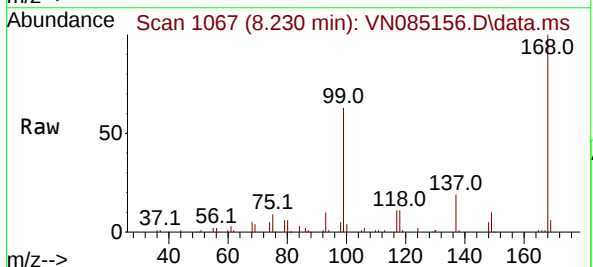


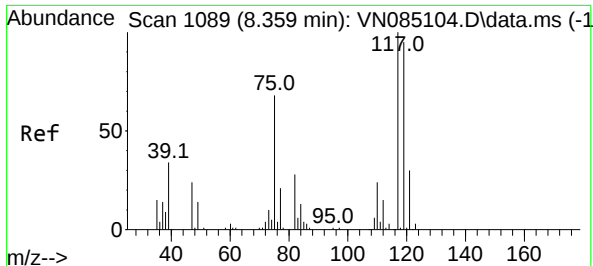
Tgt Ion:113 Resp: 80745
Ion Ratio Lower Upper
113 100
111 103.2 82.0 123.0
192 18.7 14.8 22.2



#36
1,1-Dichloropropene
Concen: 5.196 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN085156.D
Acq: 10 Dec 2024 10:51

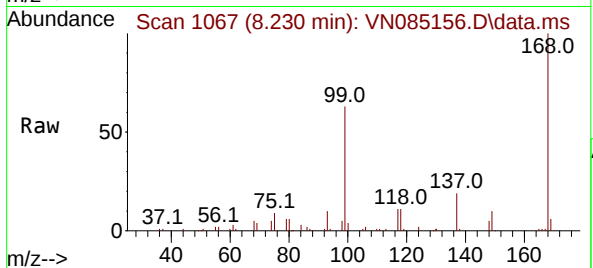
Tgt Ion: 75 Resp: 11035
Ion Ratio Lower Upper
75 100
110 8.0 17.2 51.6#
77 0.0 24.2 36.4#



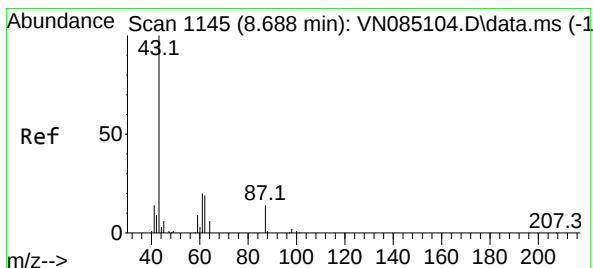
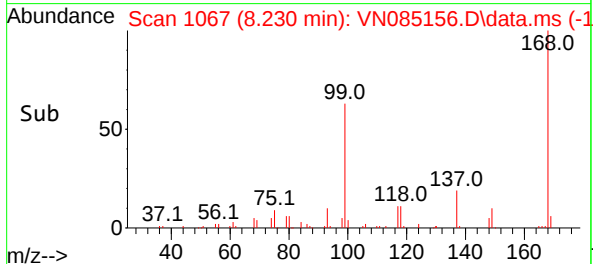
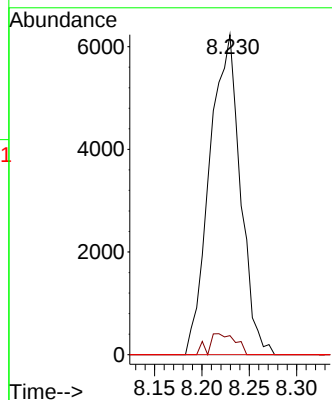


#38
Carbon Tetrachloride
Concen: 5.752 ug/l
RT: 8.230 min Scan# 1107
Delta R.T. -0.124 min
Lab File: VN085156.D
Acq: 10 Dec 2024 10:51

Instrument :
MSVOA_N
ClientSampleId :

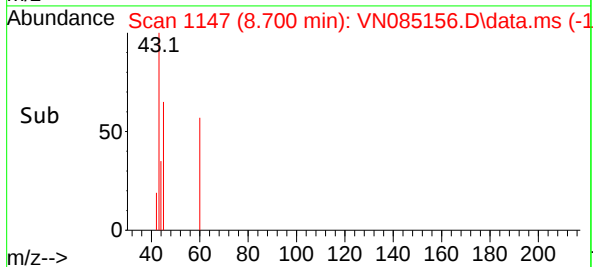
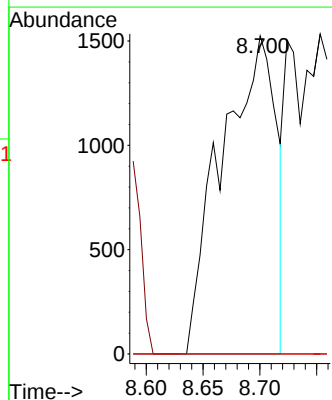
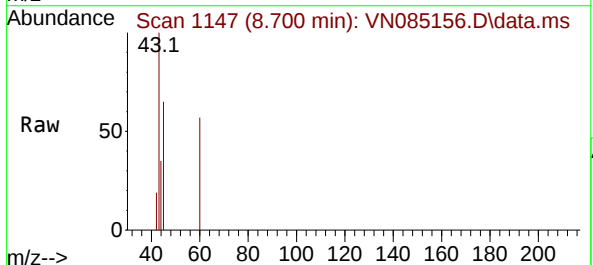


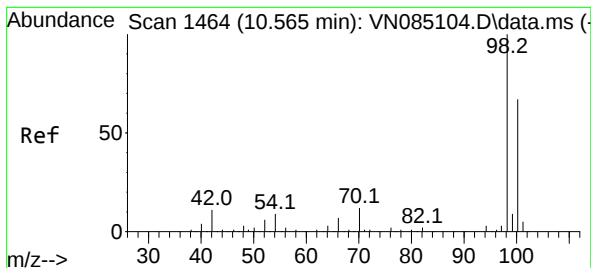
Tgt Ion:117 Resp: 14099
Ion Ratio Lower Upper
117 100
119 6.0 78.6 117.8#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 1.269 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.018 min
Lab File: VN085156.D
Acq: 10 Dec 2024 10:51

Tgt Ion: 43 Resp: 5088
Ion Ratio Lower Upper
43 100
61 0.0 20.6 30.8#
87 0.0 11.0 16.4#

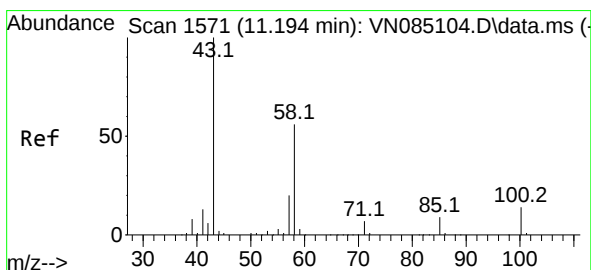
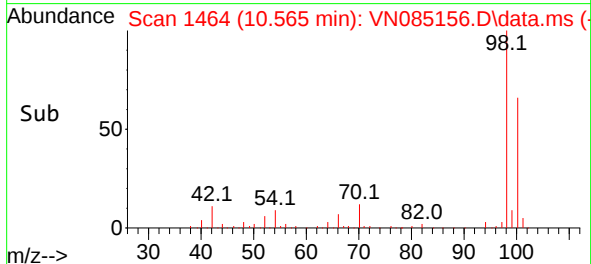
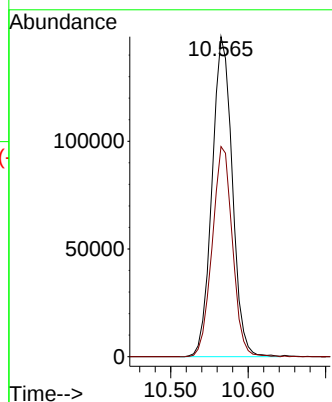
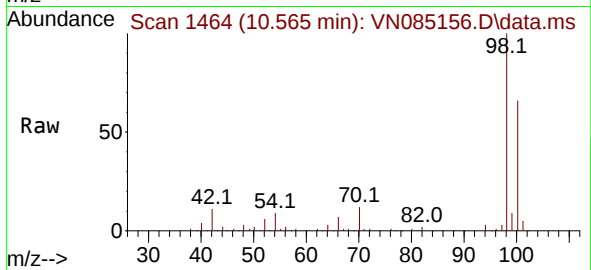




#50
Toluene-d8
Concen: 48.043 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085156.D
Acq: 10 Dec 2024 10:51

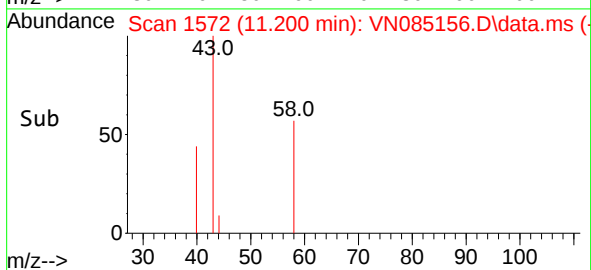
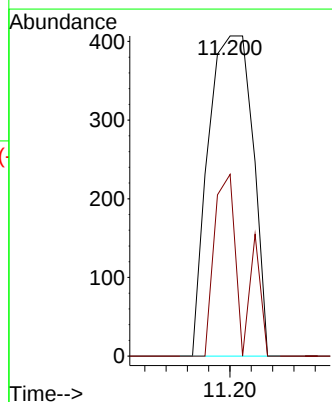
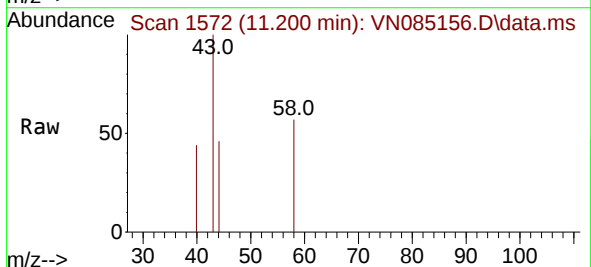
Instrument :
MSVOA_N
ClientSampleId :

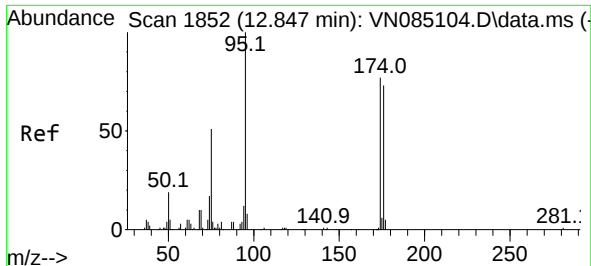
Tgt Ion: 98 Resp: 269949
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7



#59
2-Hexanone
Concen: 0.432 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN085156.D
Acq: 10 Dec 2024 10:51

Tgt Ion: 43 Resp: 592
Ion Ratio Lower Upper
43 100
58 35.3 28.3 85.0

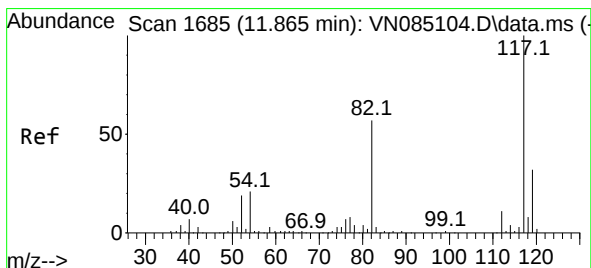
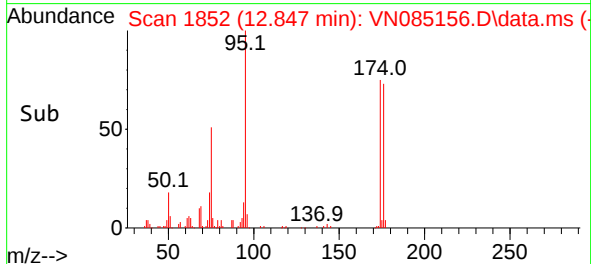
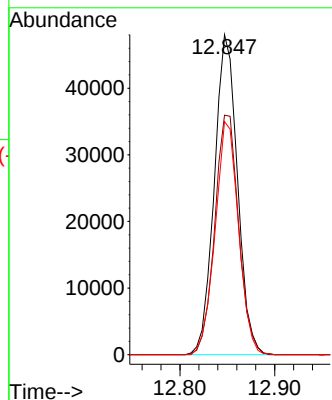
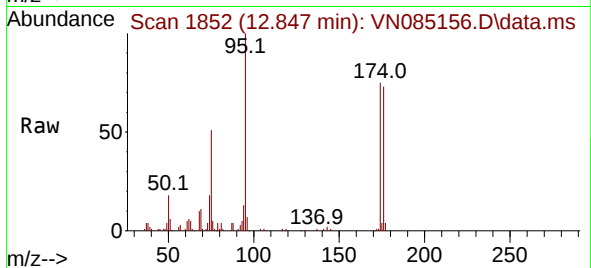




#62
4-Bromofluorobenzene
Concen: 38.743 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085156.D
Acq: 10 Dec 2024 10:51

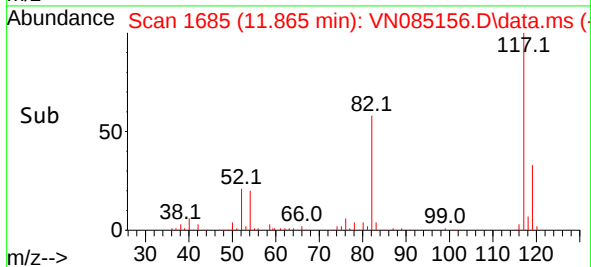
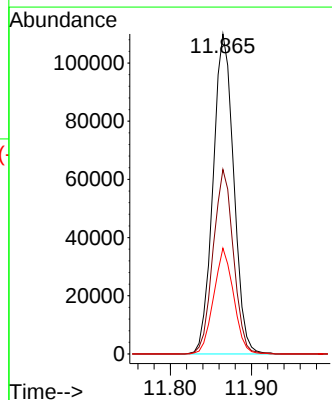
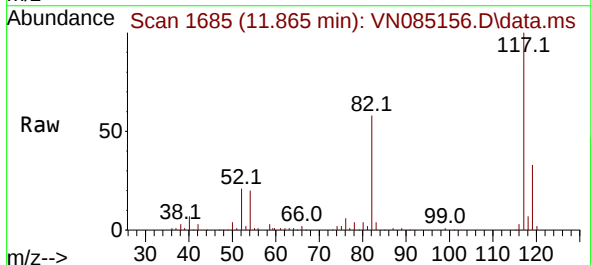
Instrument :
MSVOA_N
ClientSampleId :

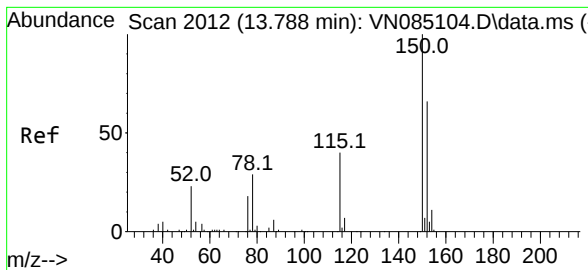
Tgt Ion: 95 Resp: 81410
Ion Ratio Lower Upper
95 100
174 77.6 0.0 146.6
176 73.7 0.0 141.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085156.D
Acq: 10 Dec 2024 10:51

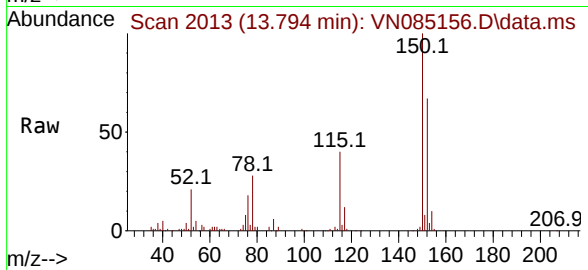
Tgt Ion: 117 Resp: 194564
Ion Ratio Lower Upper
117 100
82 57.6 46.0 69.0
119 33.1 25.6 38.4



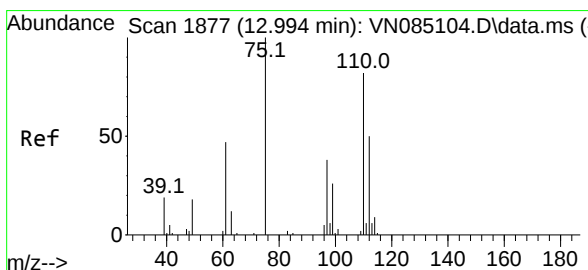
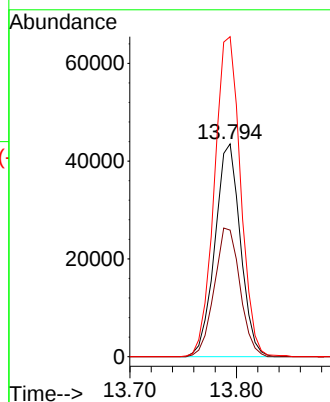
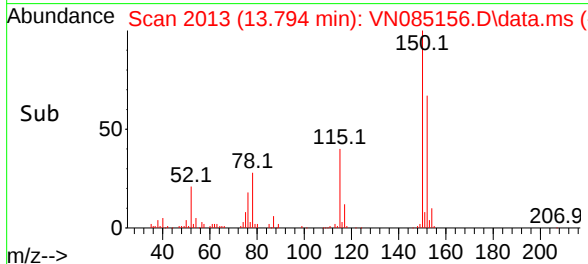


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2012
Delta R.T. 0.006 min
Lab File: VN085156.D
Acq: 10 Dec 2024 10:51

Instrument :
MSVOA_N
ClientSampleId :

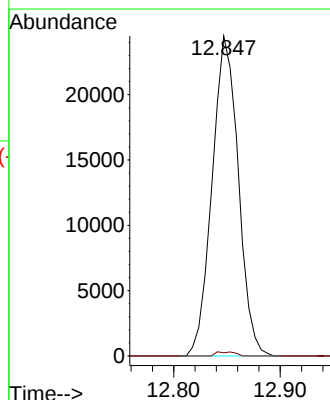
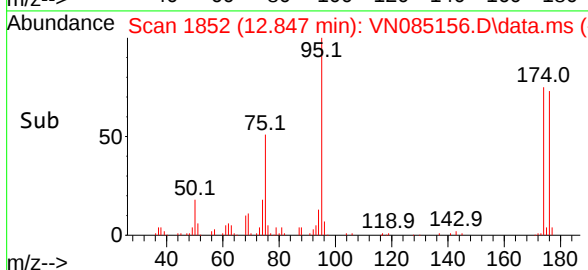
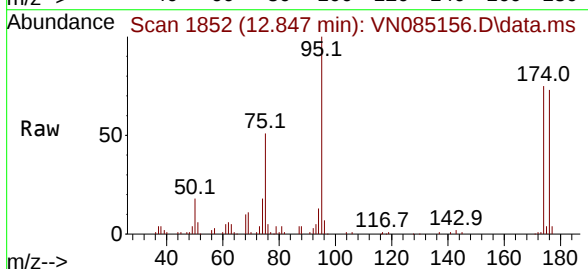


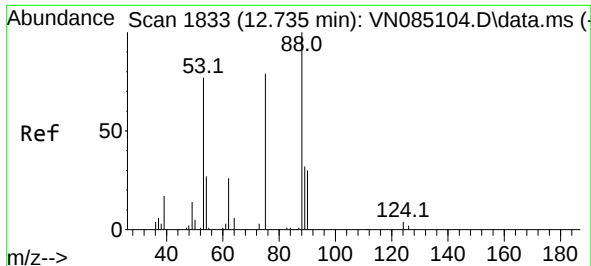
Tgt Ion:152 Resp: 72163
Ion Ratio Lower Upper
152 100
115 61.0 31.7 95.1
150 154.5 0.0 351.4



#76
1,2,3-Trichloropropane
Concen: 31.854 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN085156.D
Acq: 10 Dec 2024 10:51

Tgt Ion: 75 Resp: 41811
Ion Ratio Lower Upper
75 100
77 0.9 109.1 327.4#

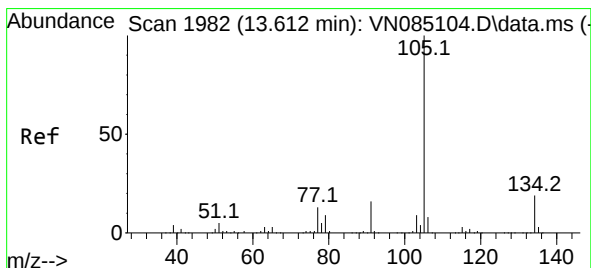
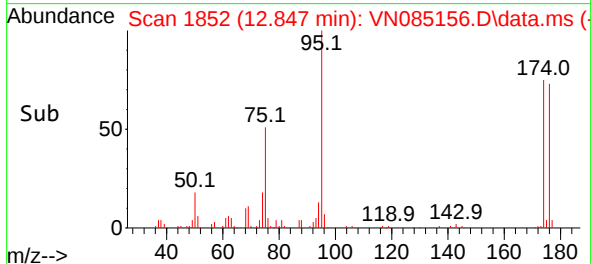
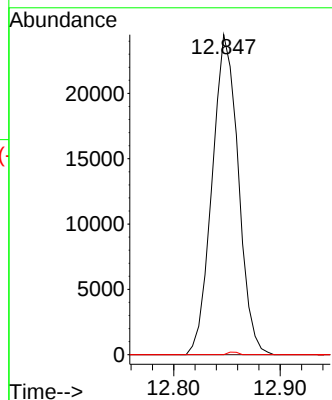
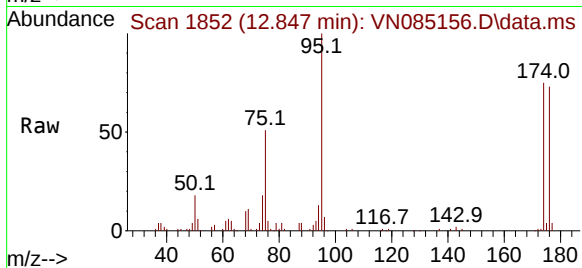




#81
trans-1,4-Dichloro-2-butene
Concen: 70.320 ug/l
RT: 12.847 min Scan# 1833
Delta R.T. 0.112 min
Lab File: VN085156.D
Acq: 10 Dec 2024 10:51

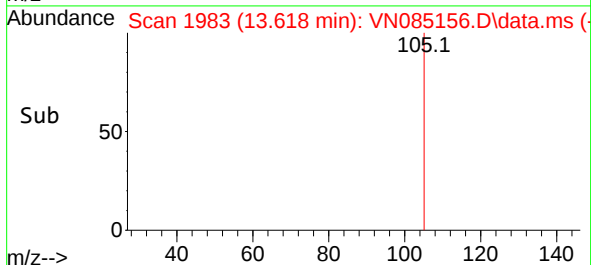
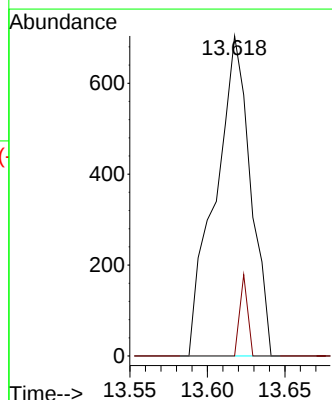
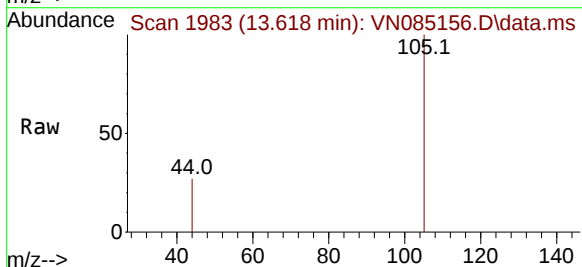
Instrument :
MSVOA_N
ClientSampleId :

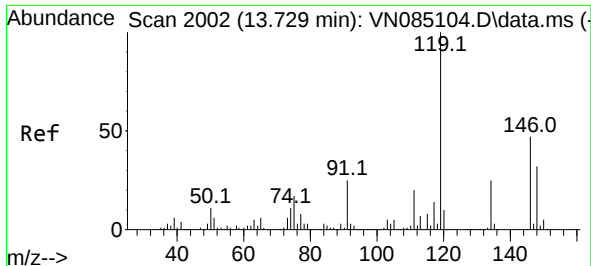
Tgt Ion: 75 Resp: 41811
Ion Ratio Lower Upper
75 100
53 0.0 78.2 117.4#
89 0.3 37.9 56.9#



#85
sec-Butylbenzene
Concen: 0.224 ug/l
RT: 13.618 min Scan# 1983
Delta R.T. 0.006 min
Lab File: VN085156.D
Acq: 10 Dec 2024 10:51

Tgt Ion: 105 Resp: 1114
Ion Ratio Lower Upper
105 100
134 5.7 9.8 29.3#

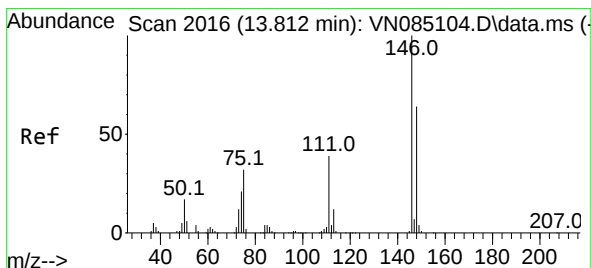
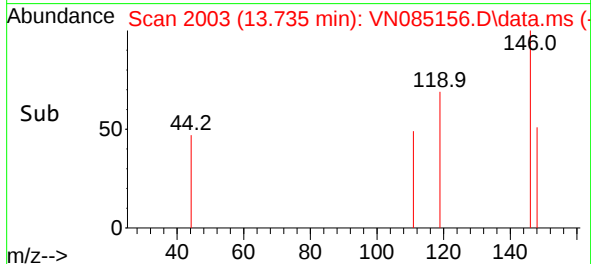
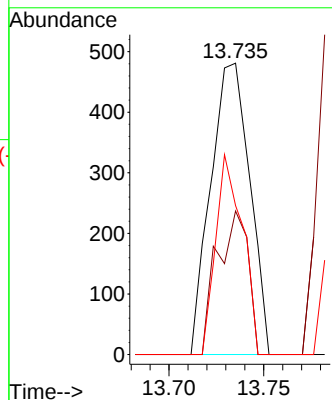
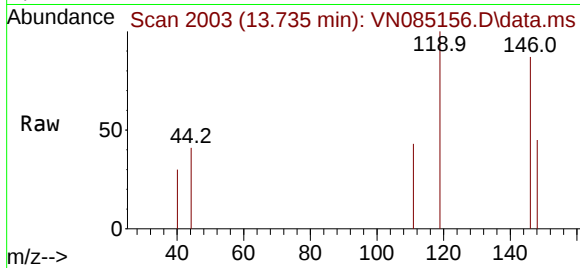




#87
1,3-Dichlorobenzene
Concen: 0.256 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN085156.D
Acq: 10 Dec 2024 10:51

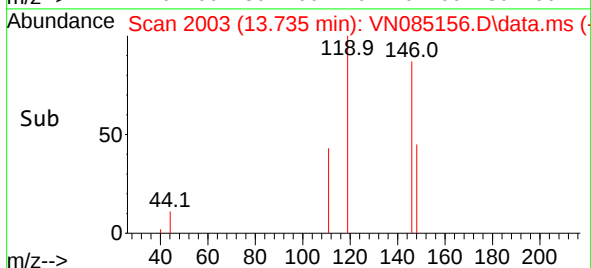
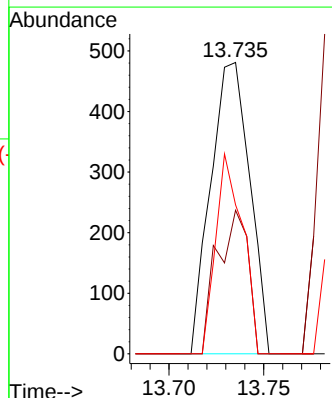
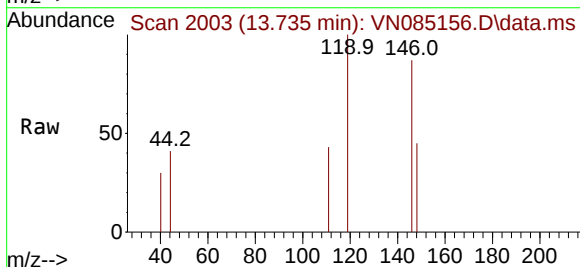
Instrument :
MSVOA_N
ClientSampleId :

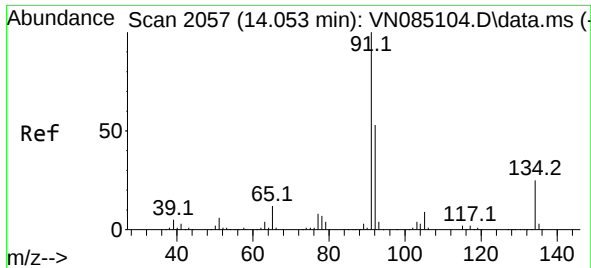
Tgt Ion:146 Resp: 691
Ion Ratio Lower Upper
146 100
111 38.8 21.6 65.0
148 47.0 32.2 96.6



#88
1,4-Dichlorobenzene
Concen: 0.251 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.077 min
Lab File: VN085156.D
Acq: 10 Dec 2024 10:51

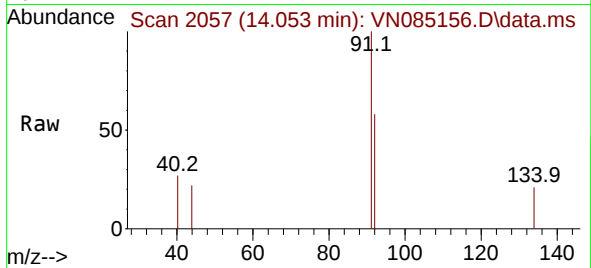
Tgt Ion:146 Resp: 691
Ion Ratio Lower Upper
146 100
111 38.8 20.9 62.8
148 47.0 31.3 93.9





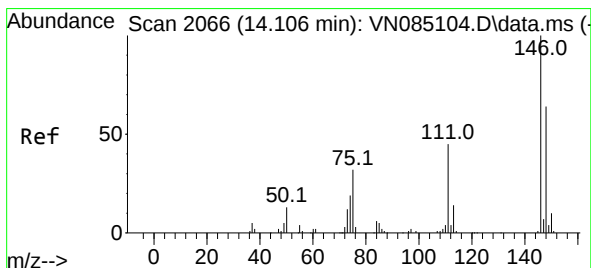
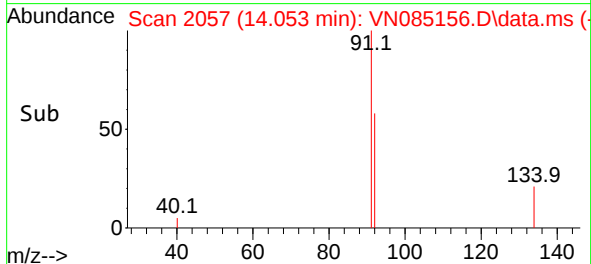
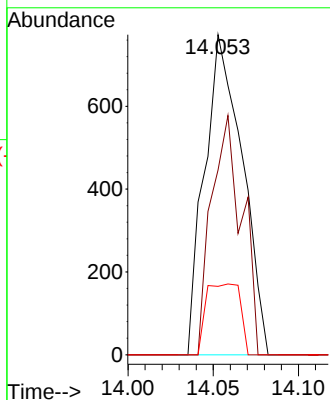
#89
n-Butylbenzene
Concen: 0.312 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085156.D
Acq: 10 Dec 2024 10:51

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 91 Resp: 1191

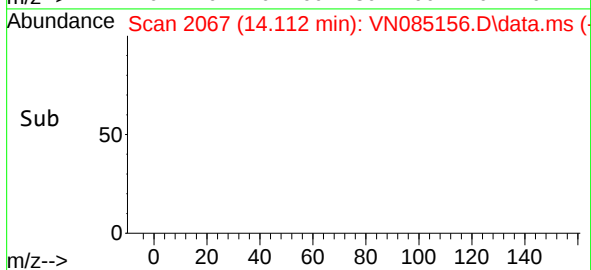
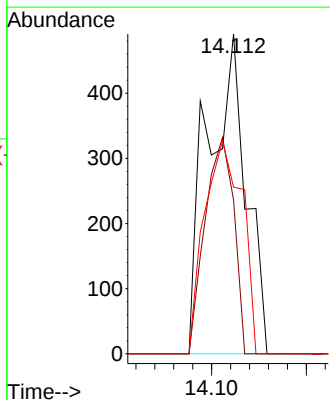
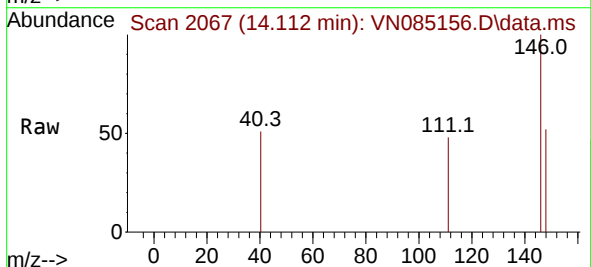
Ion	Ratio	Lower	Upper
91	100		
92	60.5	26.8	80.3
134	19.9	12.8	38.4

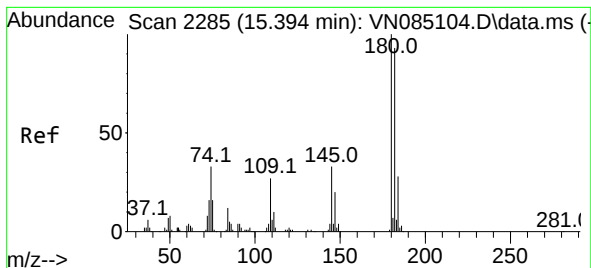


#91
1,2-Dichlorobenzene
Concen: 0.265 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.006 min
Lab File: VN085156.D
Acq: 10 Dec 2024 10:51

Tgt Ion: 146 Resp: 686

Ion	Ratio	Lower	Upper
146	100		
111	51.0	21.9	65.8
148	66.0	31.1	93.2





#93

1,2,4-Trichlorobenzene

Concen: 0.817 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

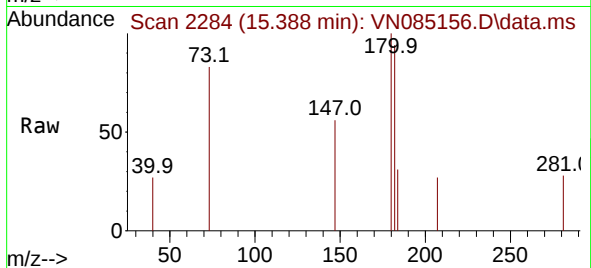
Lab File: VN085156.D

Acq: 10 Dec 2024 10:51

Instrument :

MSVOA_N

ClientSampleId :



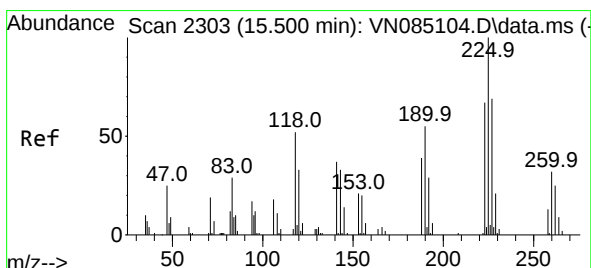
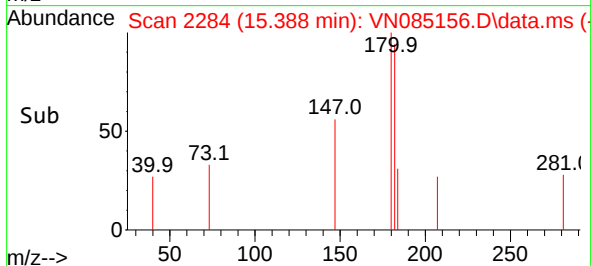
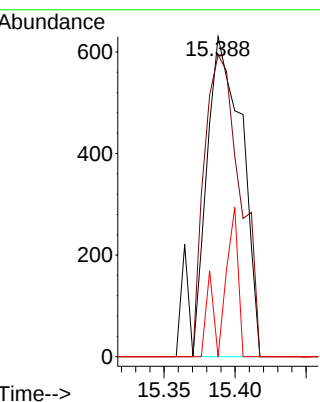
Tgt Ion:180 Resp: 1149

Ion Ratio Lower Upper

180 100

182 90.4 46.9 140.8

145 19.4 16.3 48.8



#94

Hexachlorobutadiene

Concen: 1.543 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.006 min

Lab File: VN085156.D

Acq: 10 Dec 2024 10:51

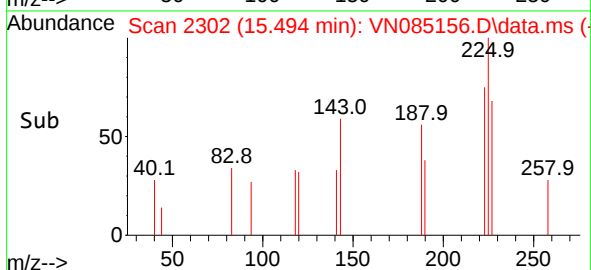
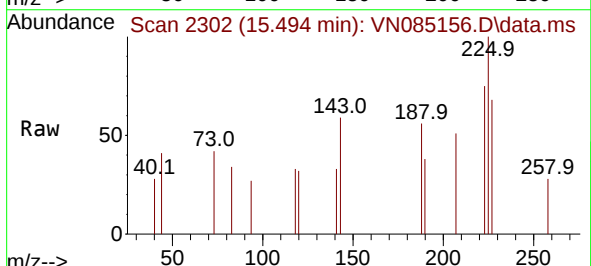
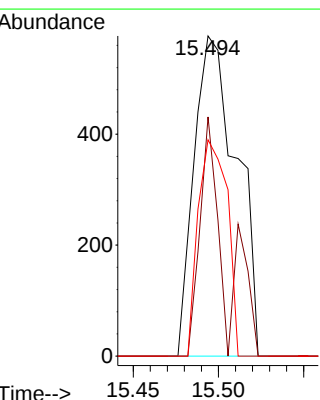
Tgt Ion:225 Resp: 1002

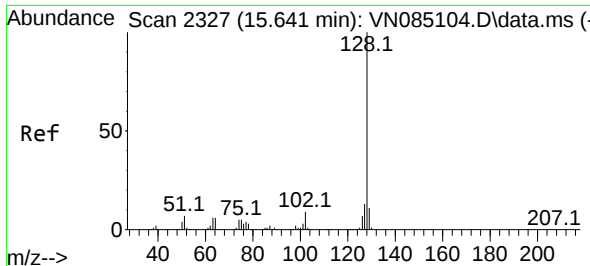
Ion Ratio Lower Upper

225 100

223 30.4 30.9 92.8#

227 46.1 31.5 94.5

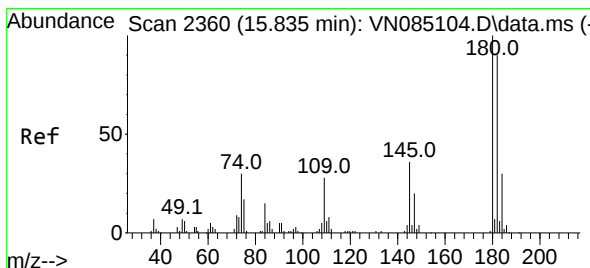
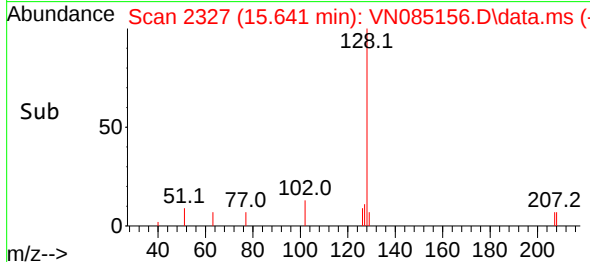
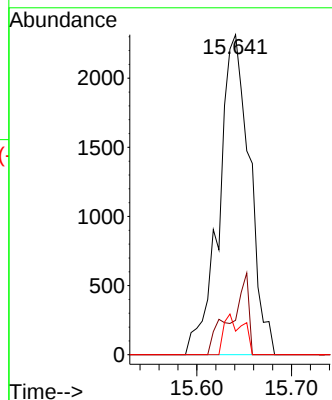
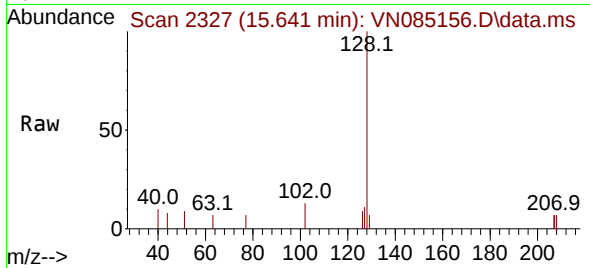




#95
Naphthalene
Concen: 1.298 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN085156.D
Acq: 10 Dec 2024 10:51

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 5200
Ion Ratio Lower Upper
128 100
127 14.7 10.6 16.0
129 7.8 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 1.123 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN085156.D
Acq: 10 Dec 2024 10:51

Tgt Ion:180 Resp: 1507
Ion Ratio Lower Upper
180 100
182 91.6 46.4 139.2
145 31.5 17.3 52.0

