

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112624\
 Data File : VN085038.D
 Acq On : 26 Nov 2024 12:09
 Operator : JC\MD
 Sample : VN1126MBL02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126MBL02

Quant Time: Nov 27 05:11:18 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)

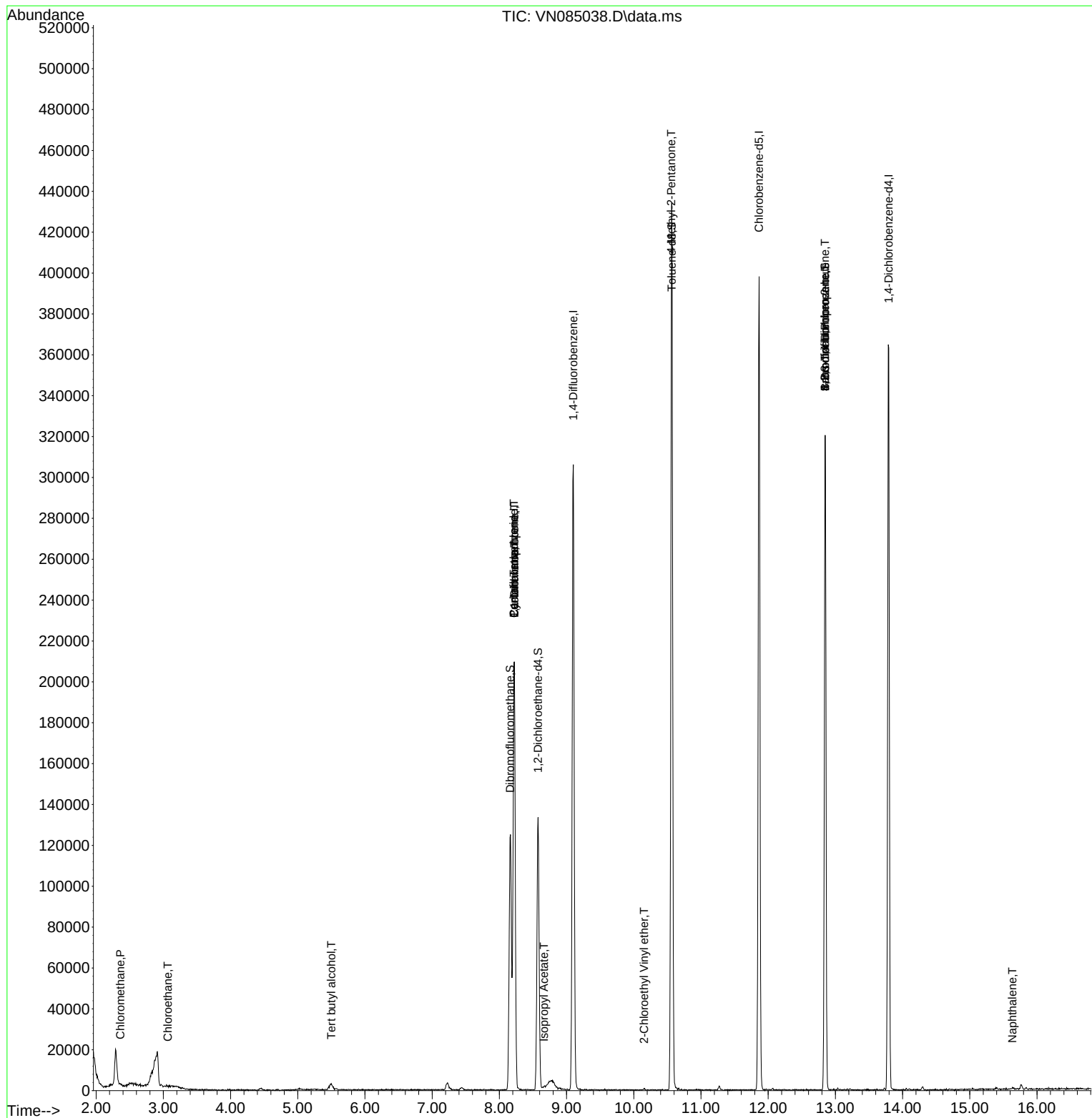
Internal Standards						
1) Pentafluorobenzene	8.218	168	150023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	262847	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	228090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	100567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	112623	52.702	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.400%	
35) Dibromofluoromethane	8.159	113	90857	51.258	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.520%	
50) Toluene-d8	10.565	98	300189	47.256	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.520%	
62) 4-Bromofluorobenzene	12.847	95	112830	47.496	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 95.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	606	0.308	ug/l #	40
6) Chloroethane	3.065	64	313	0.263	ug/l #	44
11) Tert butyl alcohol	5.500	59	2930	10.260	ug/l #	75
18) Methyl Acetate	5.024	43	936	Below Cal	#	50
31) Cyclohexane	8.224	56	3232	1.135	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	12740	5.306	ug/l #	52
38) Carbon Tetrachloride	8.218	117	16239	5.860	ug/l #	15
43) Isopropyl Acetate	8.665	43	946	0.209	ug/l #	55
51) 4-Methyl-2-Pentanone	10.559	43	1225	0.592	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.153	63	405	0.337	ug/l #	46
71) Bromoform	12.847	173	698	0.516	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	59092	32.304	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	59092	71.314	ug/l #	10
95) Naphthalene	15.635	128	1454	0.260	ug/l #	69

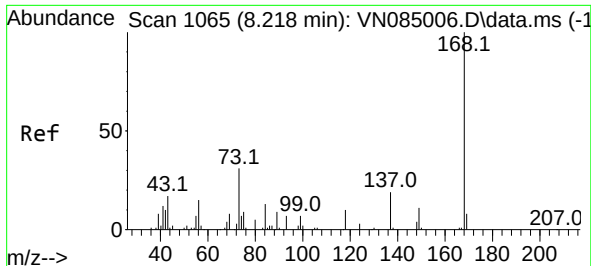
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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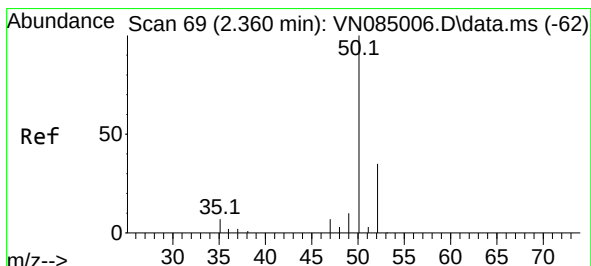
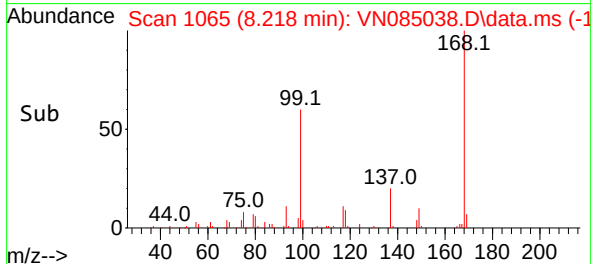
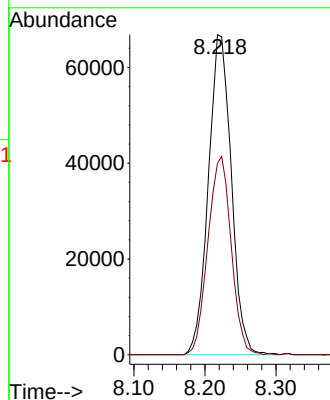
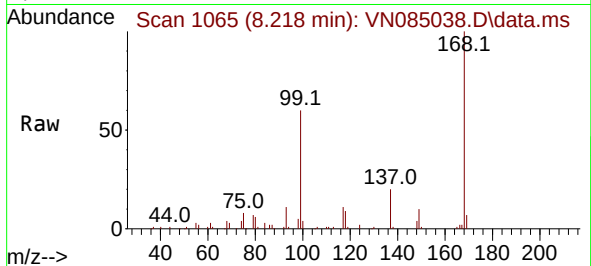




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085038.D
Acq: 26 Nov 2024 12:09

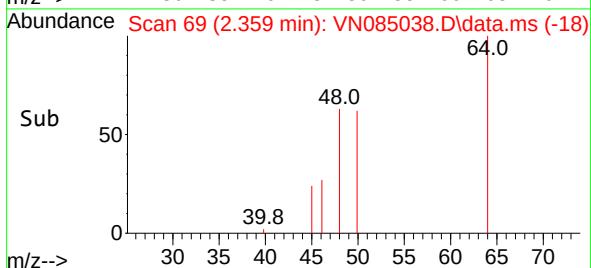
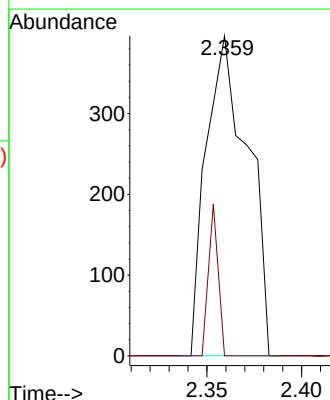
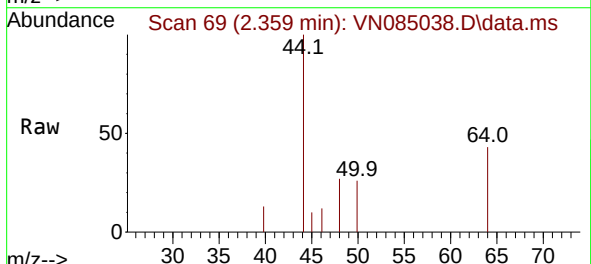
Instrument :
MSVOA_N
ClientSampleId :
VN1126MBL02

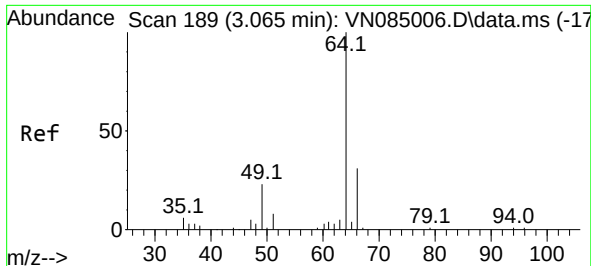
Tgt Ion:168 Resp: 150023
Ion Ratio Lower Upper
168 100
99 59.8 51.2 76.8



#3
Chloromethane
Concen: 0.308 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085038.D
Acq: 26 Nov 2024 12:09

Tgt Ion: 50 Resp: 606
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#

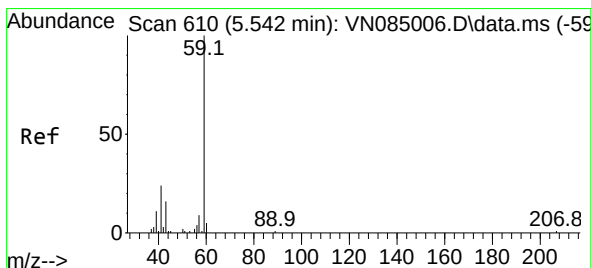
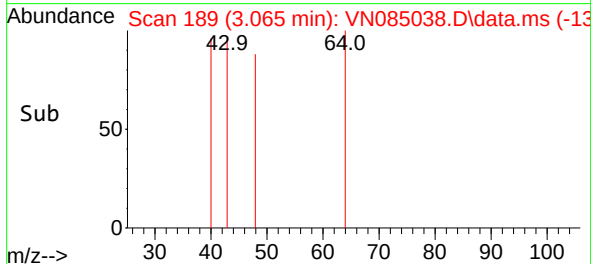
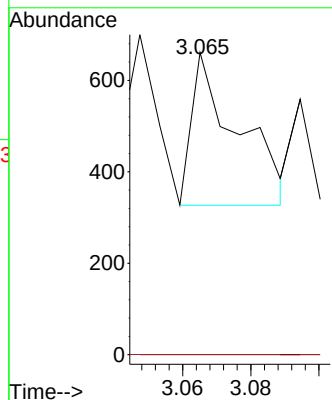
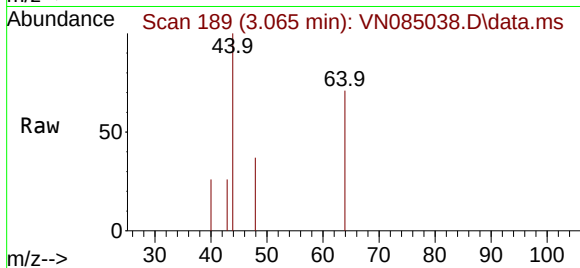




#6
Chloroethane
Concen: 0.263 ug/l
RT: 3.065 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085038.D
Acq: 26 Nov 2024 12:09

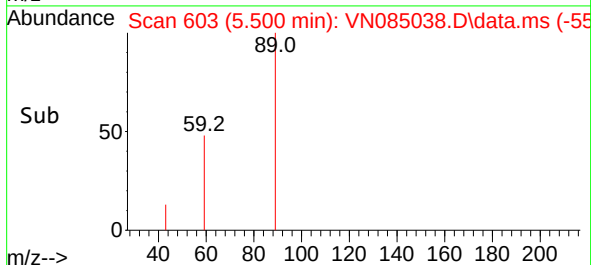
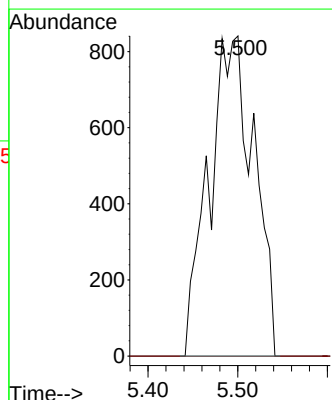
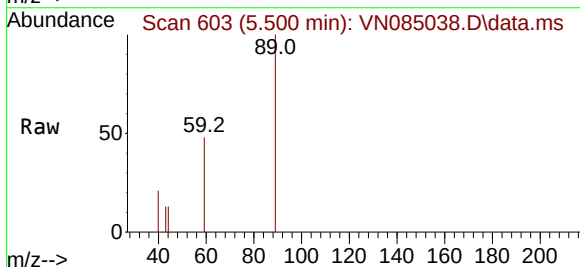
Instrument :
MSVOA_N
ClientSampleId :
VN1126MBL02

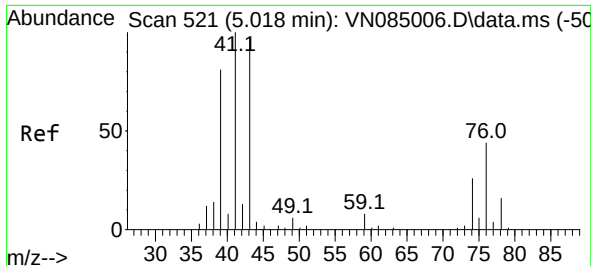
Tgt Ion: 64 Resp: 313
Ion Ratio Lower Upper
64 100
66 0.0 24.4 36.6#



#11
Tert butyl alcohol
Concen: 10.260 ug/l
RT: 5.500 min Scan# 603
Delta R.T. -0.041 min
Lab File: VN085038.D
Acq: 26 Nov 2024 12:09

Tgt Ion: 59 Resp: 2930
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

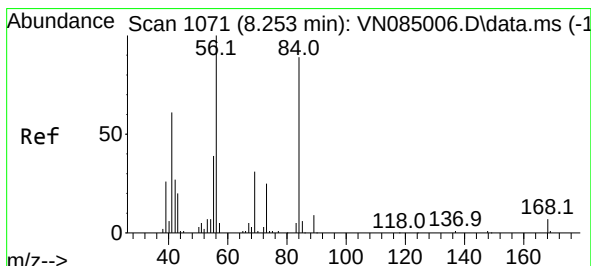
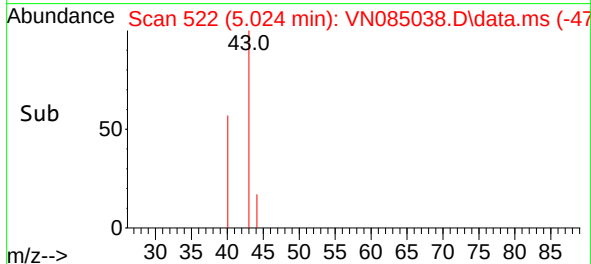
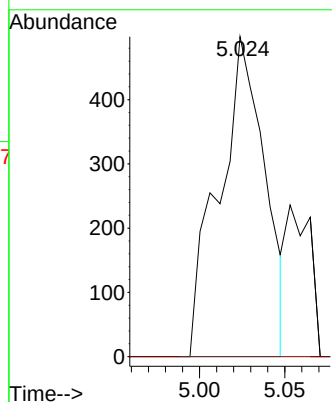
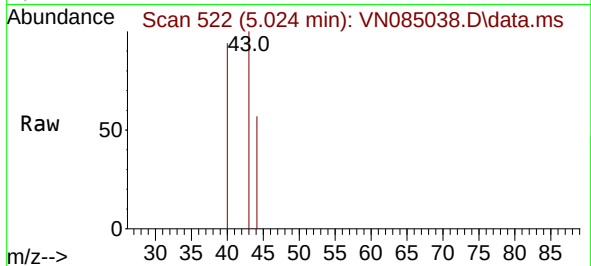




#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN085038.D
Acq: 26 Nov 2024 12:09

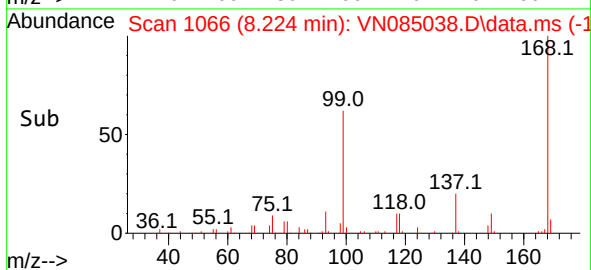
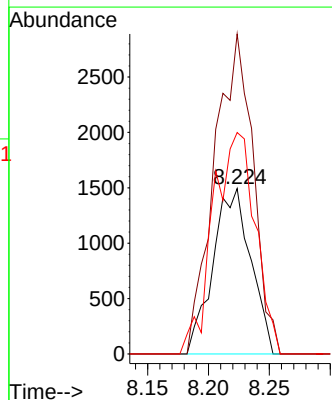
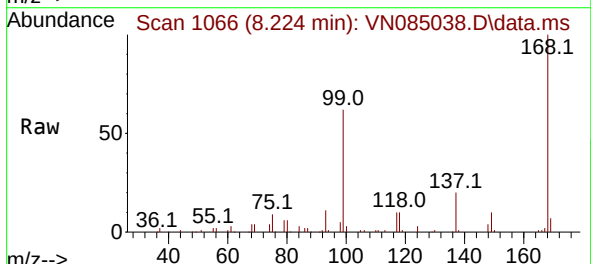
Instrument :
MSVOA_N
ClientSampleId :
VN1126MBL02

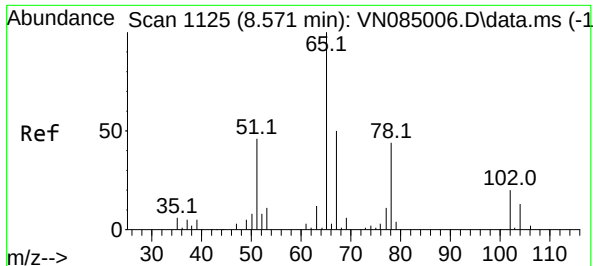
Tgt Ion: 43 Resp: 936
Ion Ratio Lower Upper
43 100
74 0.0 20.1 30.1#



#31
Cyclohexane
Concen: 1.135 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN085038.D
Acq: 26 Nov 2024 12:09

Tgt Ion: 56 Resp: 3232
Ion Ratio Lower Upper
56 100
69 193.4 24.6 36.8#
84 133.8 71.4 107.2#





#33

1,2-Dichloroethane-d4

Concen: 52.702 ug/l

RT: 8.576 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085038.D

Acq: 26 Nov 2024 12:09

Instrument :

MSVOA_N

ClientSampleId :

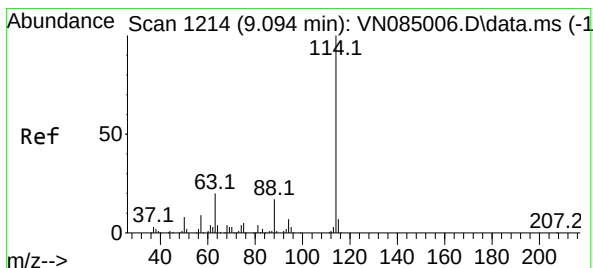
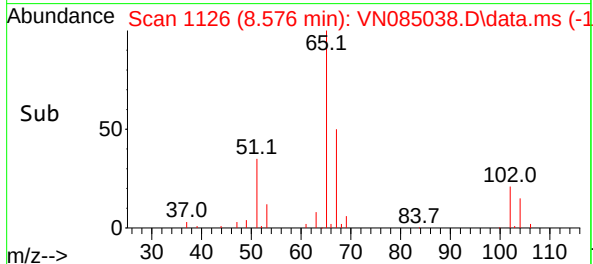
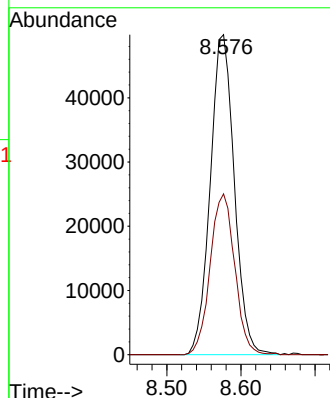
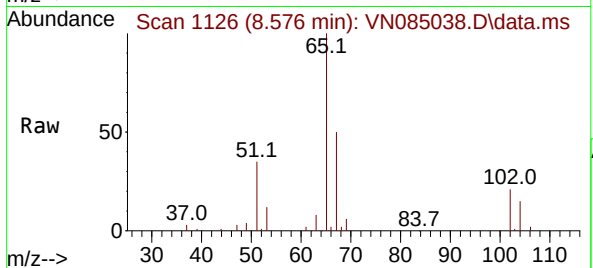
VN1126MBL02

Tgt Ion: 65 Resp: 112623

Ion Ratio Lower Upper

65 100

67 51.3 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: VN085038.D

Acq: 26 Nov 2024 12:09

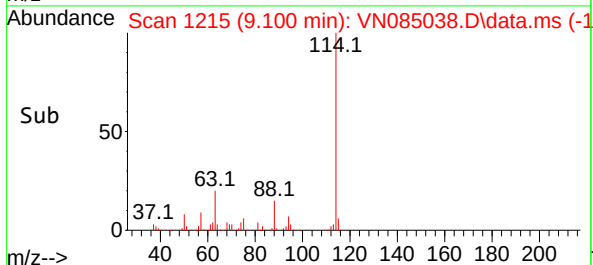
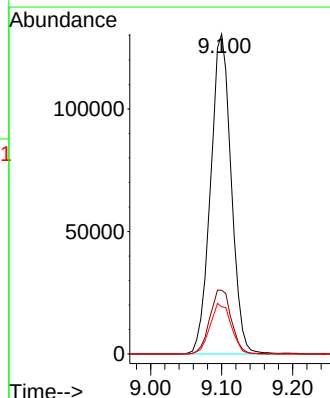
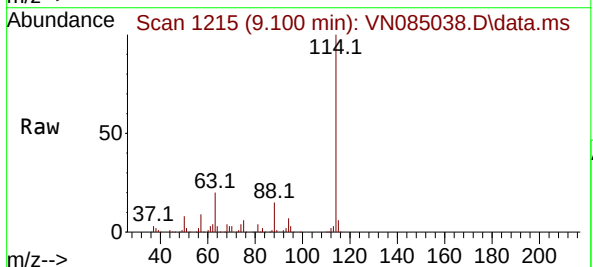
Tgt Ion: 114 Resp: 262847

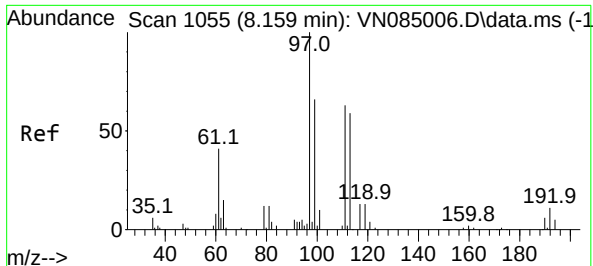
Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.0

88 14.7 0.0 34.8

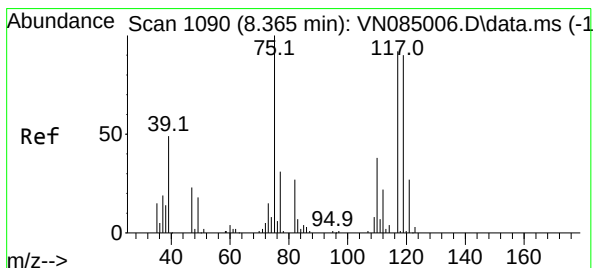
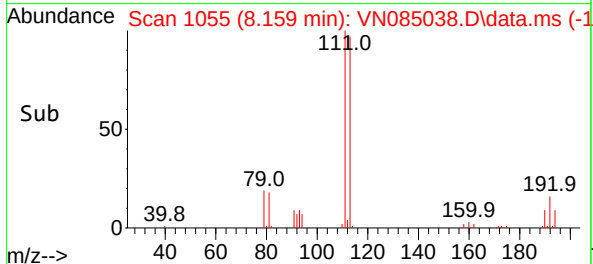
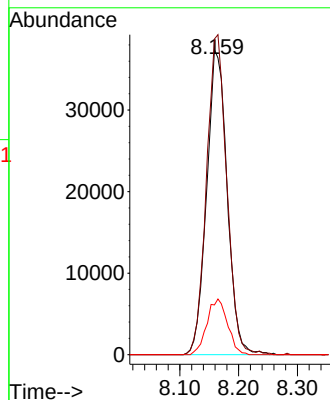
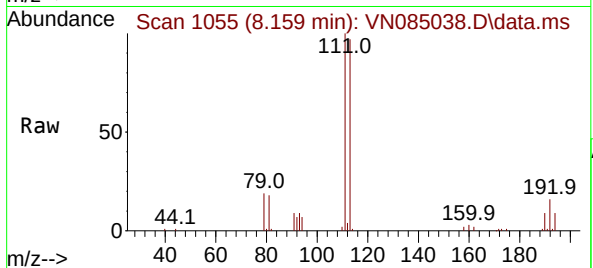




#35
Dibromofluoromethane
Concen: 51.258 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN085038.D
Acq: 26 Nov 2024 12:09

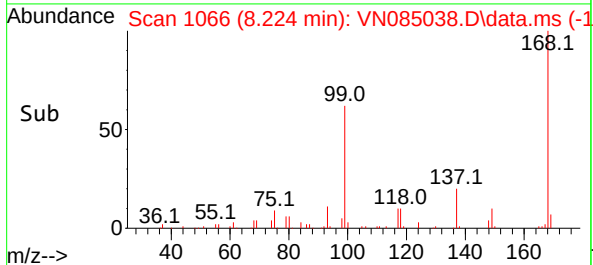
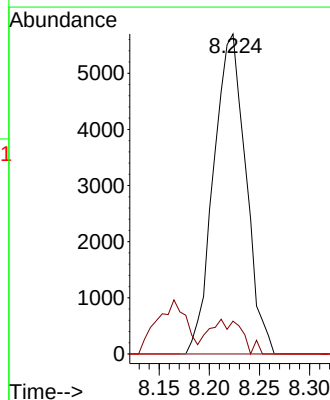
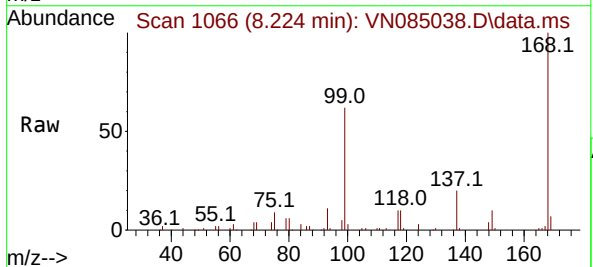
Instrument :
MSVOA_N
ClientSampleId :
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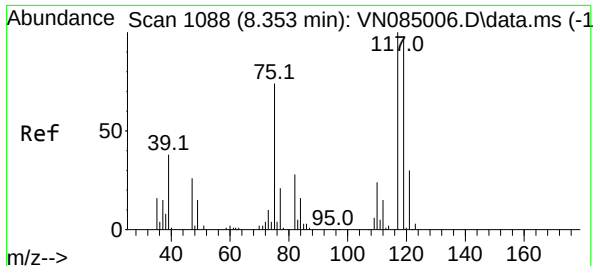
Tgt Ion:113 Resp: 90857
Ion Ratio Lower Upper
113 100
111 103.7 82.0 123.0
192 18.4 14.8 22.2



#36
1,1-Dichloropropene
Concen: 5.306 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN085038.D
Acq: 26 Nov 2024 12:09

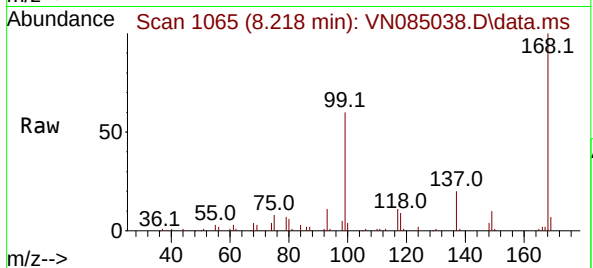
Tgt Ion: 75 Resp: 12740
Ion Ratio Lower Upper
75 100
110 11.1 17.2 51.6#
77 0.0 24.2 36.4#



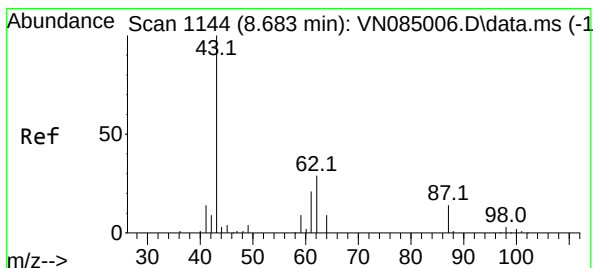
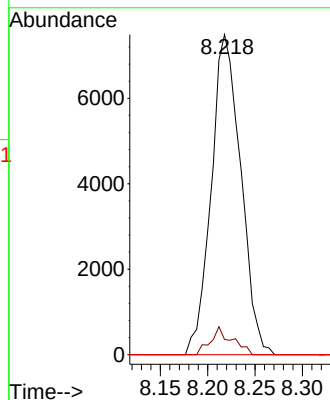
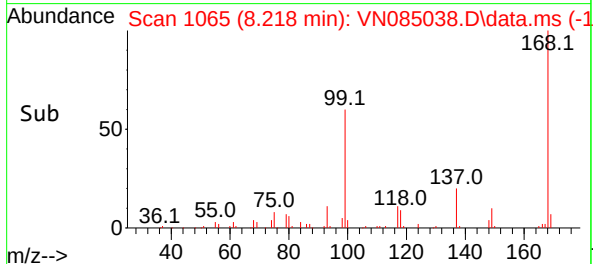


#38
Carbon Tetrachloride
Concen: 5.860 ug/l
RT: 8.218 min Scan# 110
Delta R.T. -0.136 min
Lab File: VN085038.D
Acq: 26 Nov 2024 12:09

Instrument :
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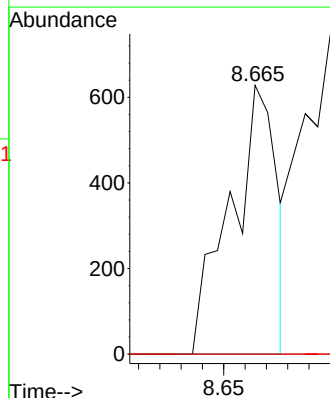
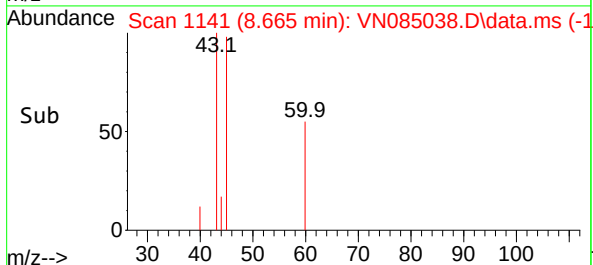
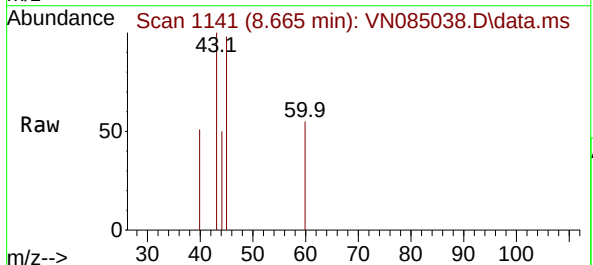


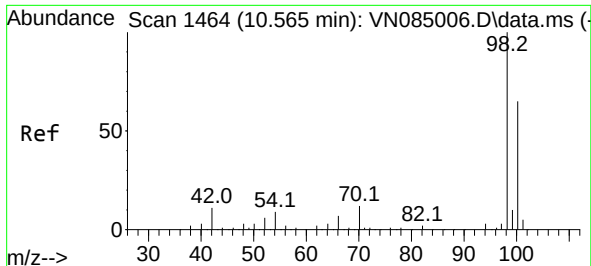
Tgt Ion:117 Resp: 16239
Ion Ratio Lower Upper
117 100
119 4.8 78.6 117.8#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 0.209 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.018 min
Lab File: VN085038.D
Acq: 26 Nov 2024 12:09

Tgt Ion: 43 Resp: 946
Ion Ratio Lower Upper
43 100
61 0.0 20.6 30.8#
87 0.0 11.0 16.4#

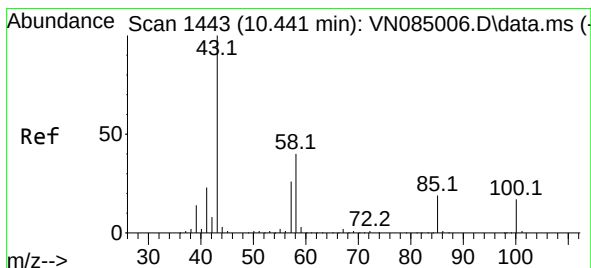
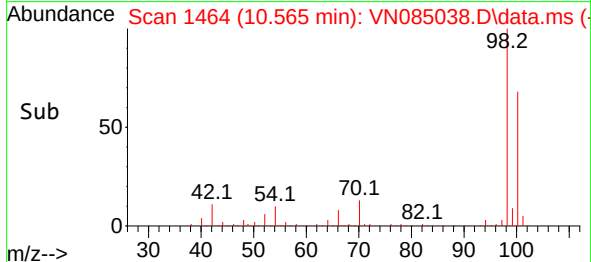
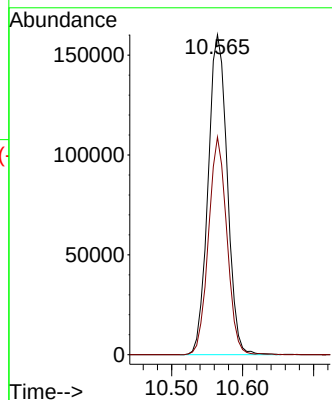
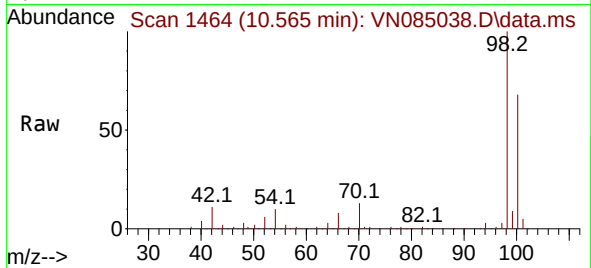




#50
Toluene-d8
Concen: 47.256 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085038.D
Acq: 26 Nov 2024 12:09

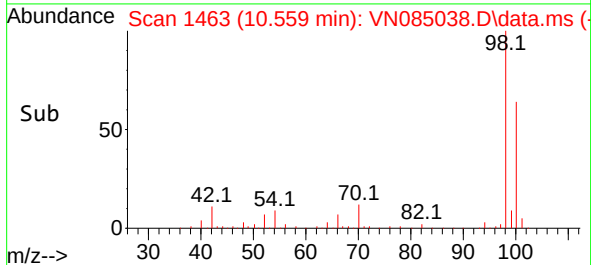
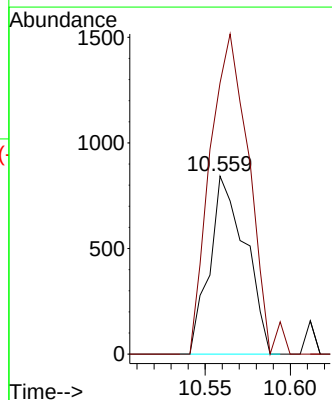
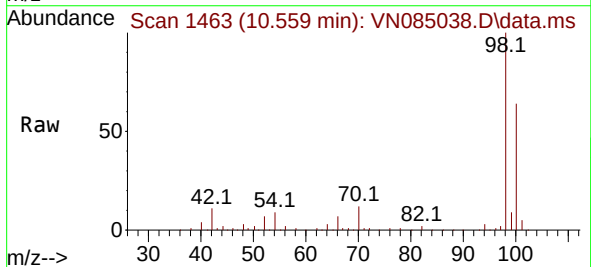
Instrument :
MSVOA_N
ClientSampleId :
VN1126MBL02

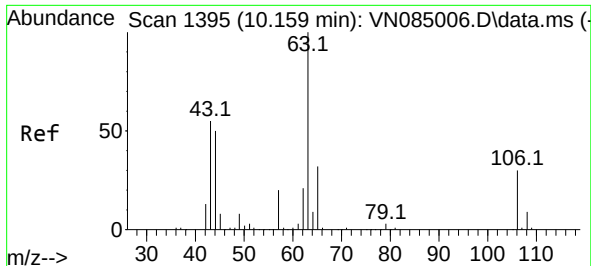
Tgt Ion: 98 Resp: 300189
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.592 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.117 min
Lab File: VN085038.D
Acq: 26 Nov 2024 12:09

Tgt Ion: 43 Resp: 1225
Ion Ratio Lower Upper
43 100
58 197.2 32.1 48.1#

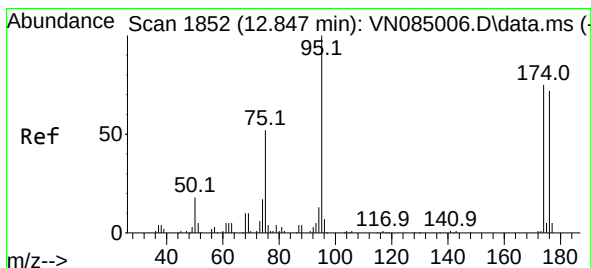
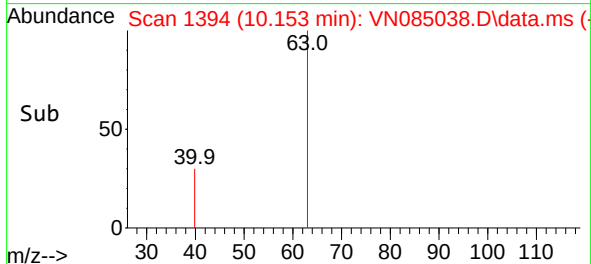
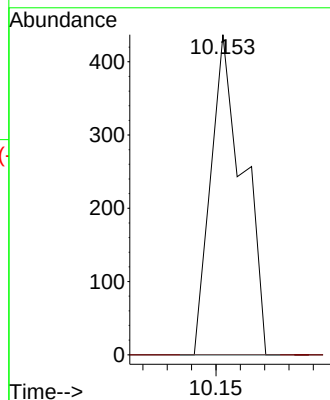
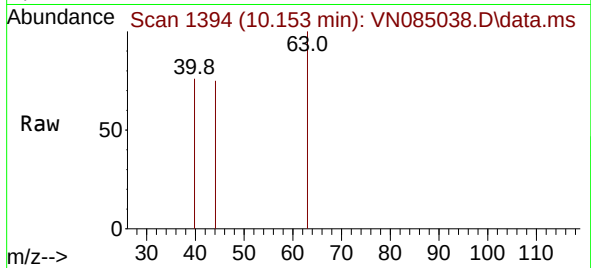




#58
2-Chloroethyl Vinyl ether
Concen: 0.337 ug/l
RT: 10.153 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN085038.D
Acq: 26 Nov 2024 12:09

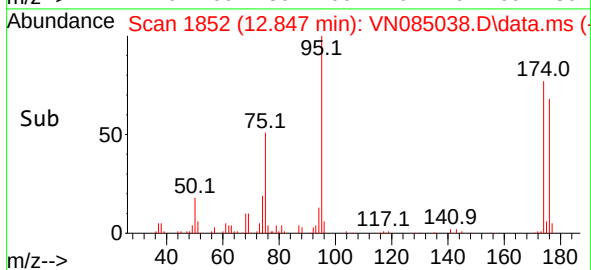
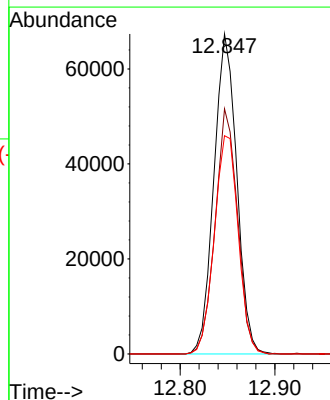
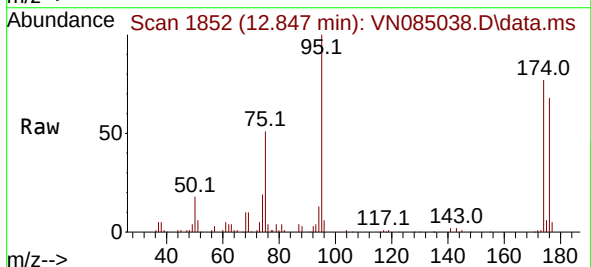
Instrument :
MSVOA_N
ClientSampleId :
VN1126MBL02

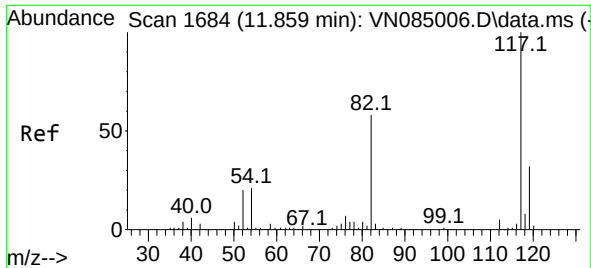
Tgt Ion: 63 Resp: 405
Ion Ratio Lower Upper
63 100
106 0.0 23.0 34.6#



#62
4-Bromofluorobenzene
Concen: 47.496 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085038.D
Acq: 26 Nov 2024 12:09

Tgt Ion: 95 Resp: 112830
Ion Ratio Lower Upper
95 100
174 75.0 0.0 146.6
176 71.4 0.0 141.8

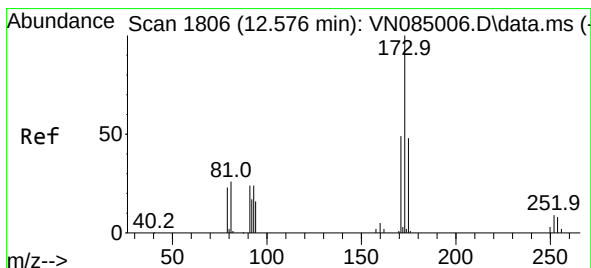
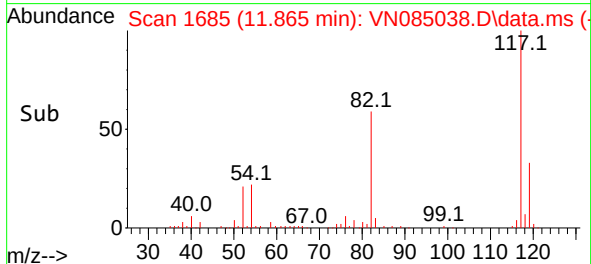
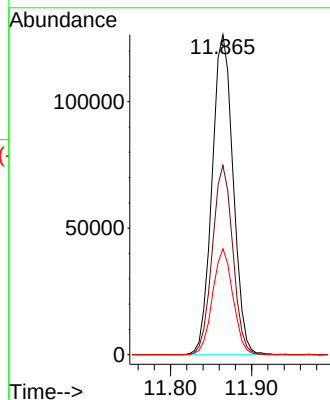
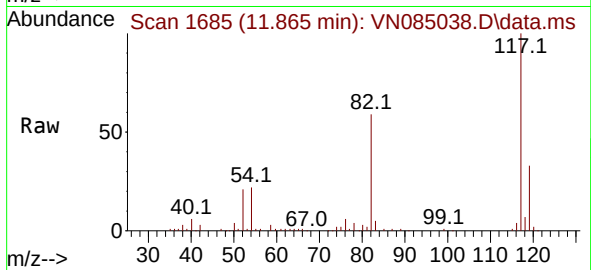




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1177
Delta R.T. 0.006 min
Lab File: VN085038.D
Acq: 26 Nov 2024 12:09

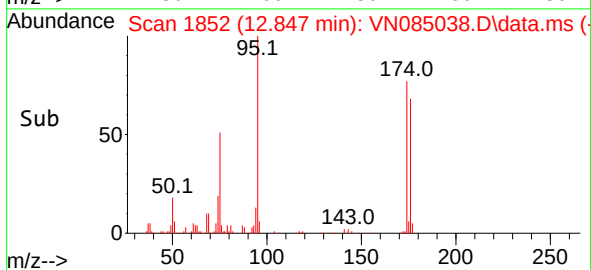
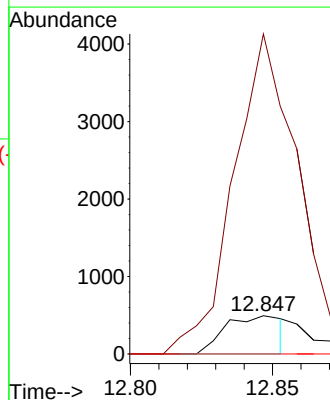
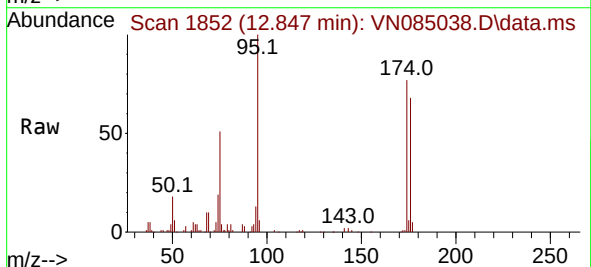
Instrument :
MSVOA_N
ClientSampleId :
VN1126MBL02

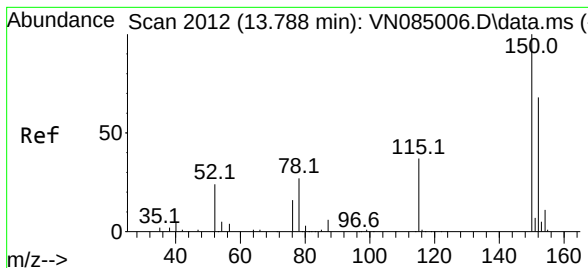
Tgt Ion:117 Resp: 228090
Ion Ratio Lower Upper
117 100
82 59.1 46.0 69.0
119 33.1 25.6 38.4



#71
Bromoform
Concen: 0.516 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.270 min
Lab File: VN085038.D
Acq: 26 Nov 2024 12:09

Tgt Ion:173 Resp: 698
Ion Ratio Lower Upper
173 100
175 693.8 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# 20

Delta R.T. 0.006 min

Lab File: VN085038.D

Acq: 26 Nov 2024 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN1126MBL02

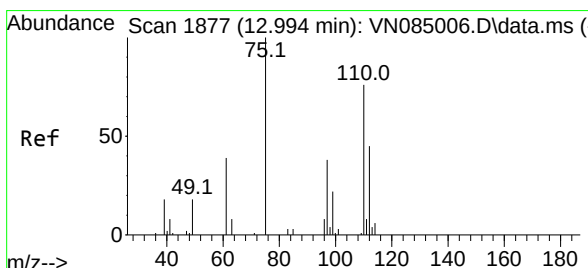
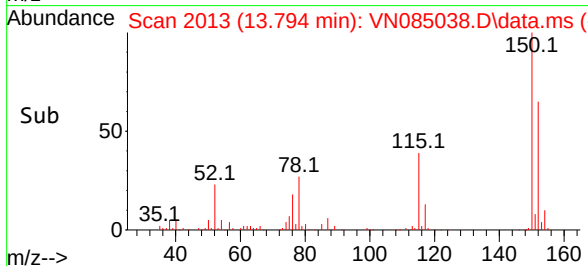
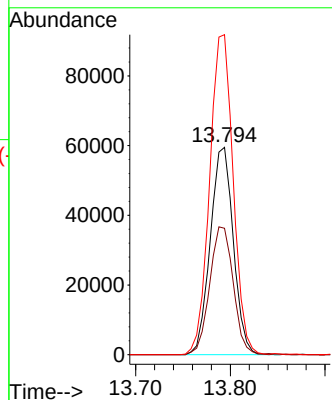
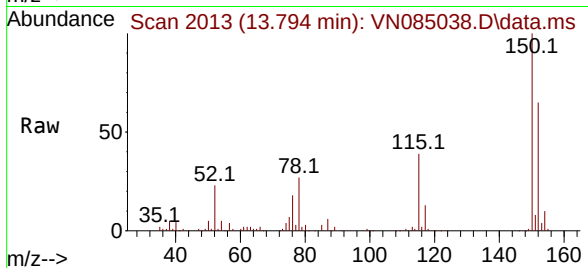
Tgt Ion:152 Resp: 100567

Ion Ratio Lower Upper

152 100

115 62.8 31.7 95.1

150 157.2 0.0 351.4



#76

1,2,3-Trichloropropane

Concen: 32.304 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN085038.D

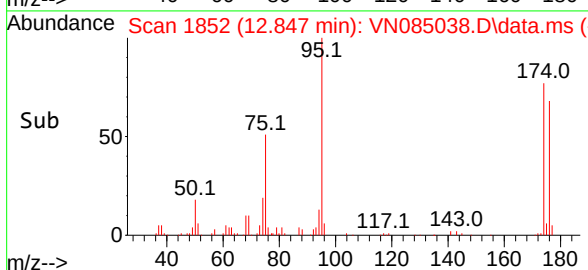
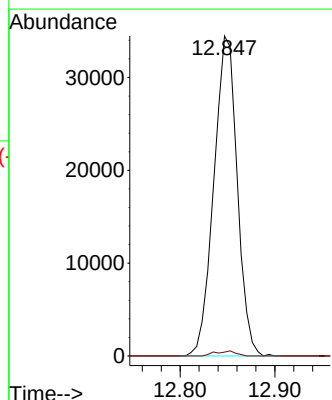
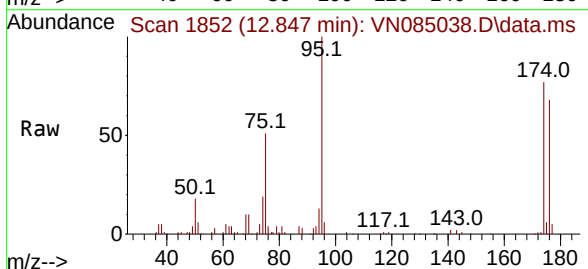
Acq: 26 Nov 2024 12:09

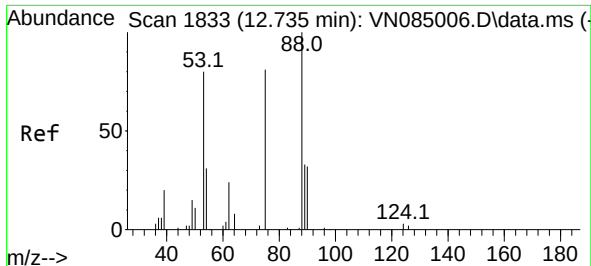
Tgt Ion: 75 Resp: 59092

Ion Ratio Lower Upper

75 100

77 1.4 109.1 327.4#

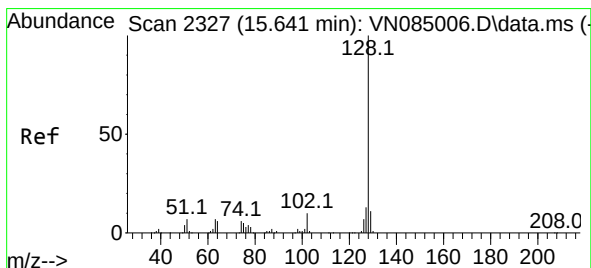
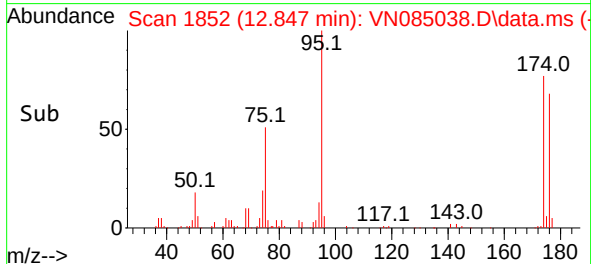
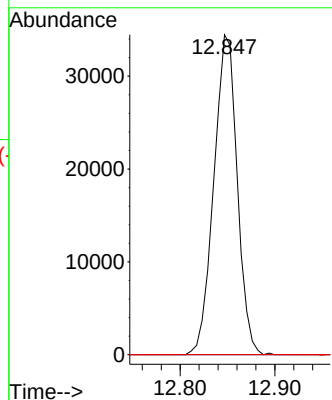
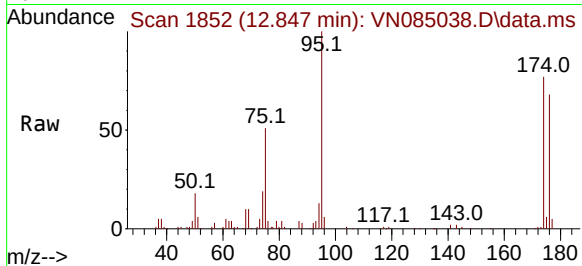




#81
trans-1,4-Dichloro-2-butene
Concen: 71.314 ug/l
RT: 12.847 min Scan# 1833
Delta R.T. 0.111 min
Lab File: VN085038.D
Acq: 26 Nov 2024 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1126MBL02

Tgt Ion: 75 Resp: 59092
Ion Ratio Lower Upper
75 100
53 0.0 78.2 117.4#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 0.260 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN085038.D
Acq: 26 Nov 2024 12:09

Tgt Ion: 128 Resp: 1454
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 12.8#

