

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120324\
 Data File : VN085080.D
 Acq On : 03 Dec 2024 16:18
 Operator : JC\MD
 Sample : P5050-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 03 23:52:37 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)

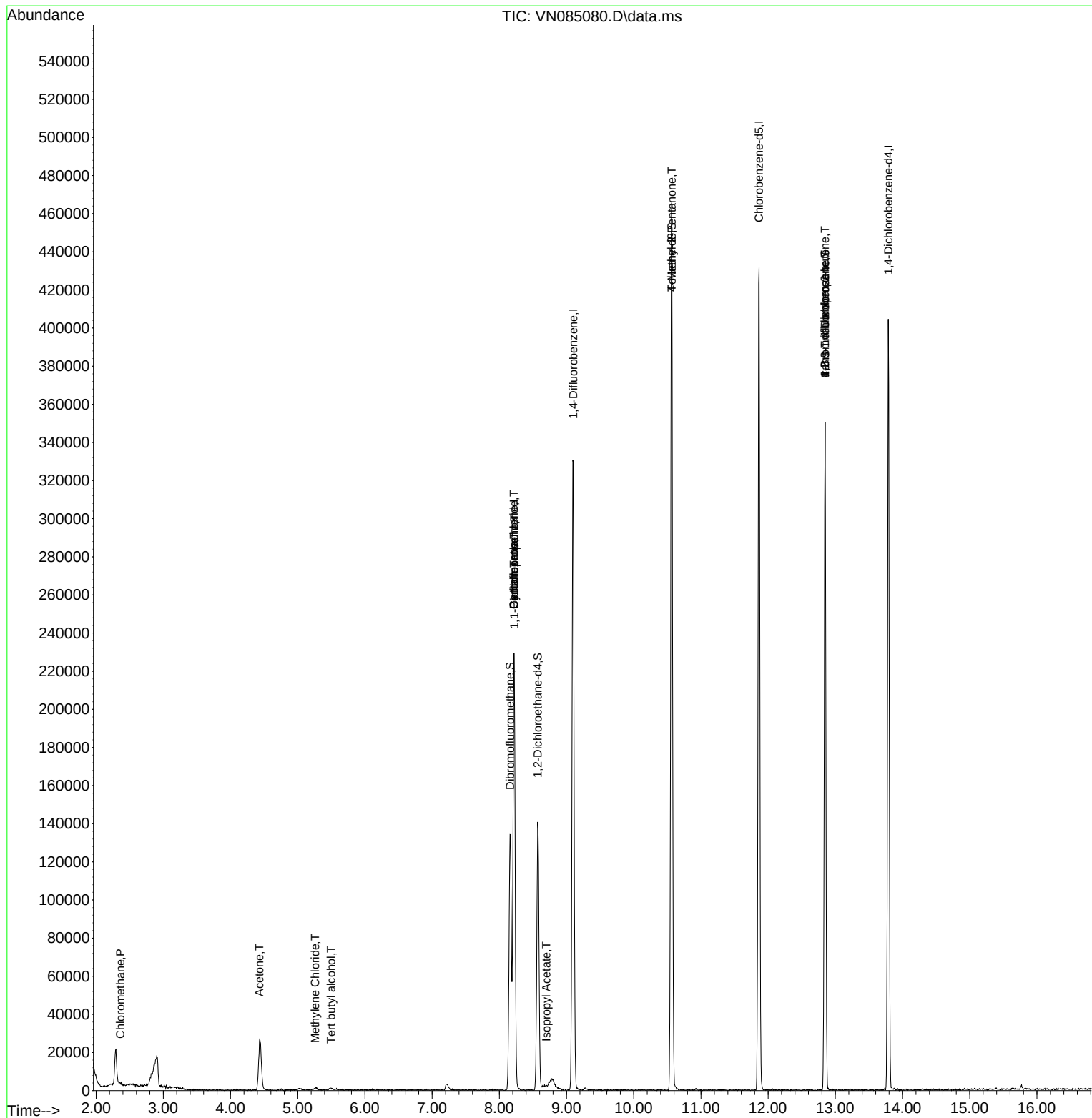
Internal Standards						
1) Pentafluorobenzene	8.218	168	165536	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	291642	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	251600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	108085	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	120525	51.115	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 102.220%		
35) Dibromofluoromethane	8.159	113	99248	50.463	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.920%		
50) Toluene-d8	10.565	98	324687	46.066	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 92.140%		
62) 4-Bromofluorobenzene	12.847	95	122351	46.418	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 92.840%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	914	0.421	ug/l #	82
11) Tert butyl alcohol	5.495	59	1023	3.247	ug/l #	75
16) Acetone	4.430	43	960	1.398	ug/l #	43
18) Methyl Acetate	5.030	43	1738	Below Cal	#	71
20) Methylene Chloride	5.259	84	484	0.231	ug/l #	64
31) Cyclohexane	8.218	56	3475	1.106	ug/l #	24
36) 1,1-Dichloropropene	8.224	75	13954	5.238	ug/l #	44
38) Carbon Tetrachloride	8.218	117	18194	5.917	ug/l #	17
43) Isopropyl Acetate	8.700	43	1056	0.210	ug/l #	55
51) 4-Methyl-2-Pentanone	10.565	43	1231	0.536	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	62011	31.542	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	62011	69.631	ug/l #	10

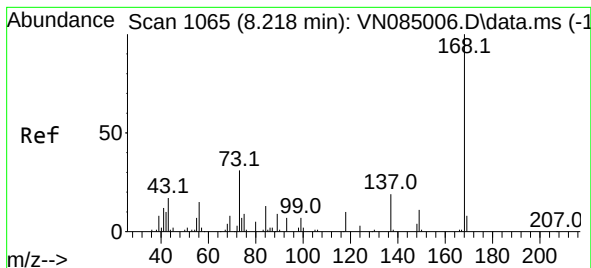
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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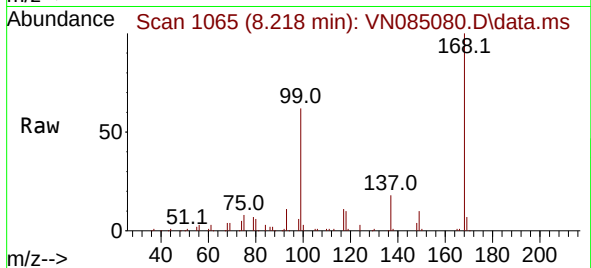
Quant Time: Dec 03 23:52:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
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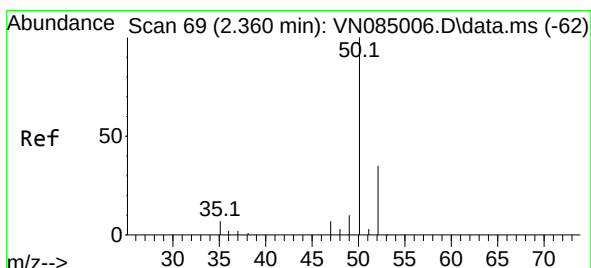
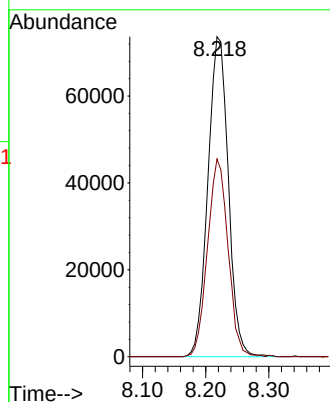
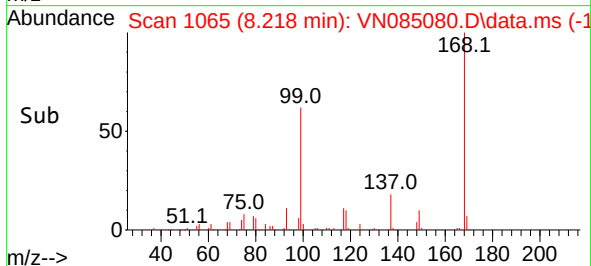


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085080.D
Acq: 03 Dec 2024 16:18

Instrument :
MSVOA_N
ClientSampleId :

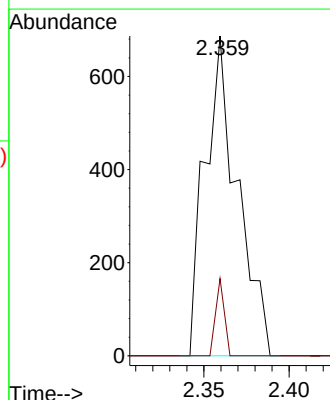
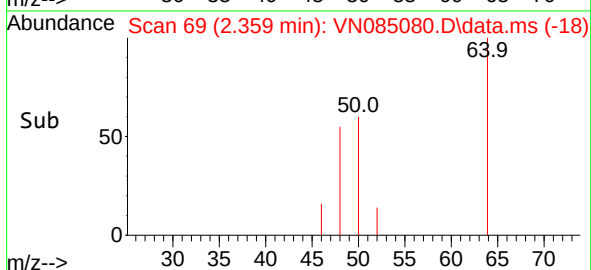
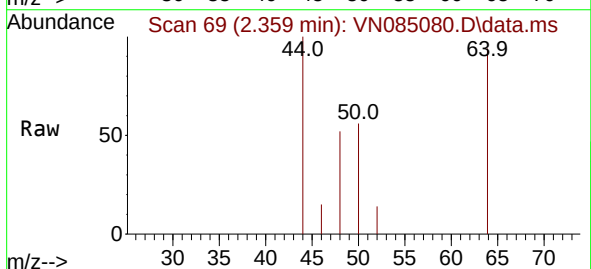


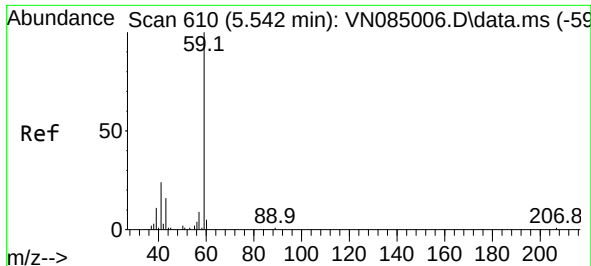
Tgt Ion:168 Resp: 165536
Ion Ratio Lower Upper
168 100
99 61.8 51.2 76.8



#3
Chloromethane
Concen: 0.421 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085080.D
Acq: 03 Dec 2024 16:18

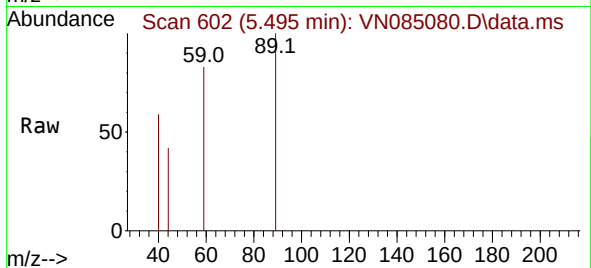
Tgt Ion: 50 Resp: 914
Ion Ratio Lower Upper
50 100
52 24.2 27.8 41.8#



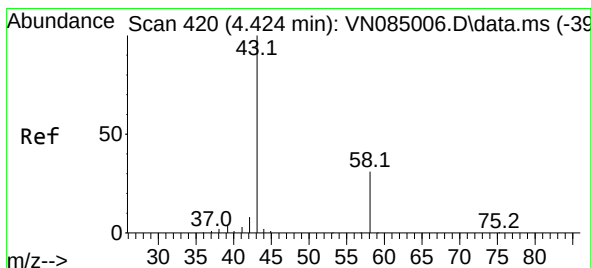
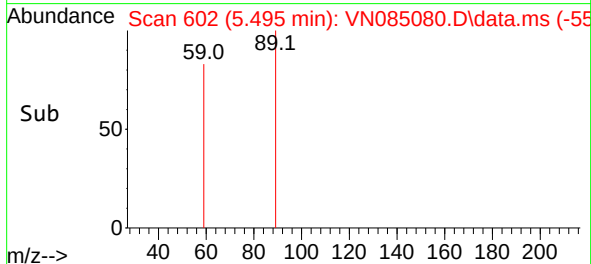
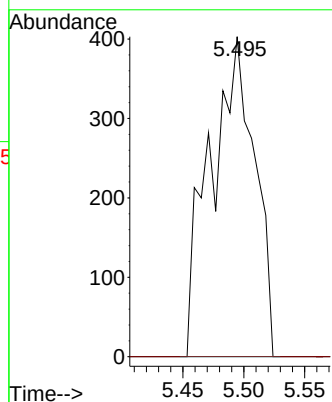


#11
Tert butyl alcohol
Concen: 3.247 ug/l
RT: 5.495 min Scan# 602
Delta R.T. -0.047 min
Lab File: VN085080.D
Acq: 03 Dec 2024 16:18

Instrument :
MSVOA_N
ClientSampleId :

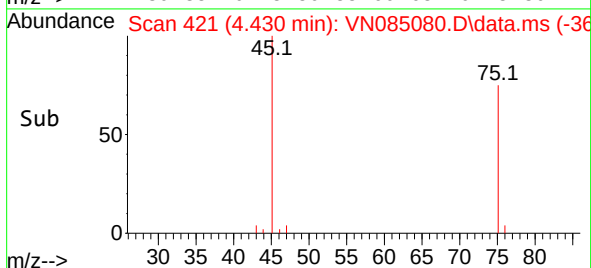
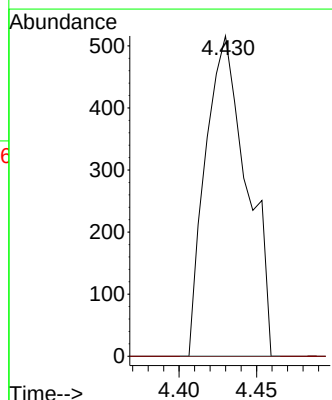
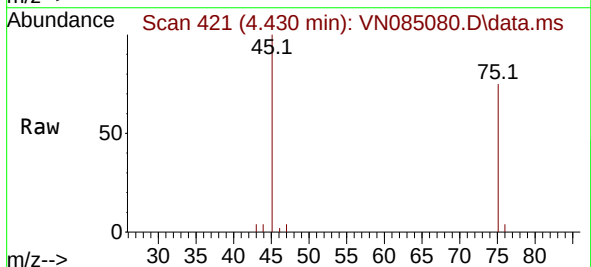


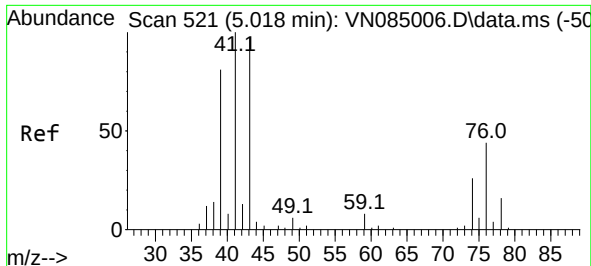
Tgt Ion: 59 Resp: 1023
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



#16
Acetone
Concen: 1.398 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN085080.D
Acq: 03 Dec 2024 16:18

Tgt Ion: 43 Resp: 960
Ion Ratio Lower Upper
43 100
58 0.0 25.4 38.2#

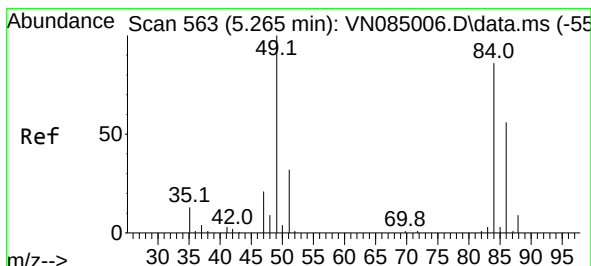
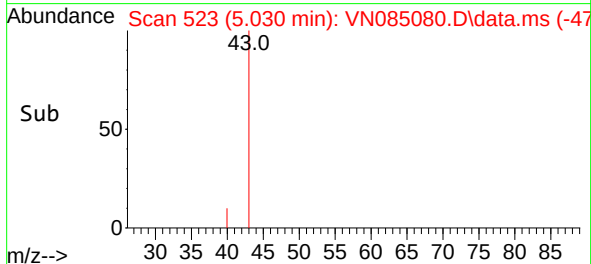
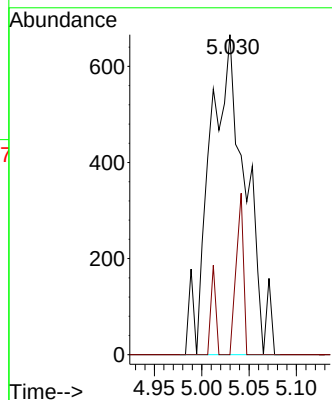
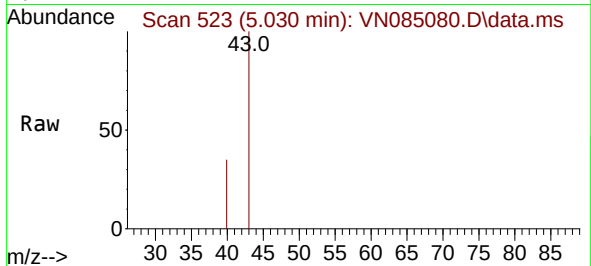




#18
Methyl Acetate
Concen: Below Cal
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN085080.D
Acq: 03 Dec 2024 16:18

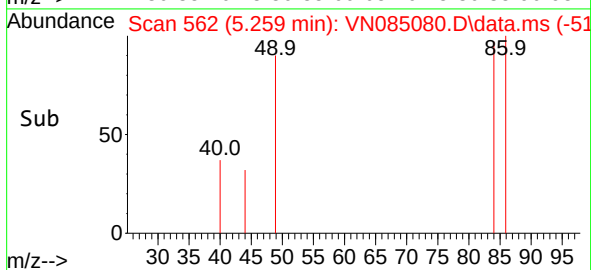
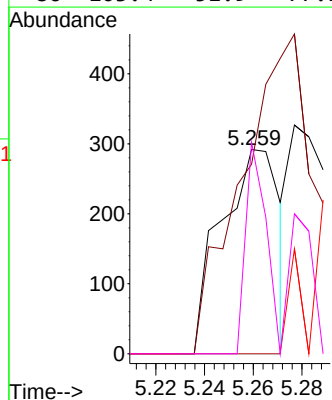
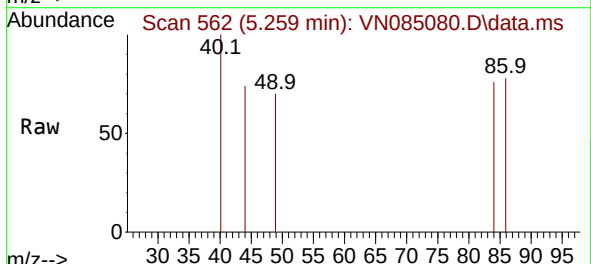
Instrument :
MSVOA_N
ClientSampleId :

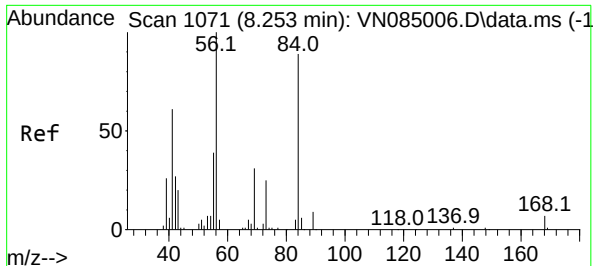
Tgt Ion: 43 Resp: 1738
Ion Ratio Lower Upper
43 100
74 10.3 20.1 30.1#



#20
Methylene Chloride
Concen: 0.231 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN085080.D
Acq: 03 Dec 2024 16:18

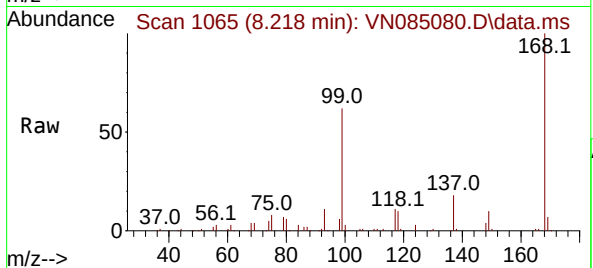
Tgt Ion: 84 Resp: 484
Ion Ratio Lower Upper
84 100
49 92.8 92.7 139.1
51 0.0 29.4 44.2#
86 103.4 51.9 77.9#



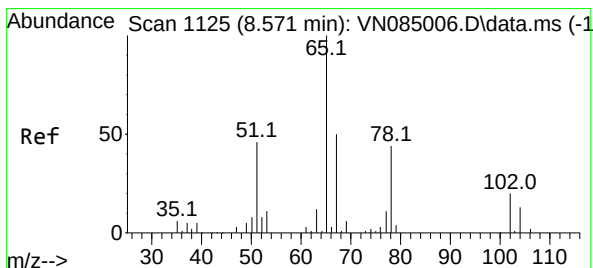
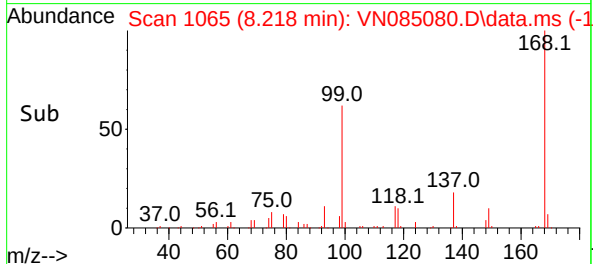
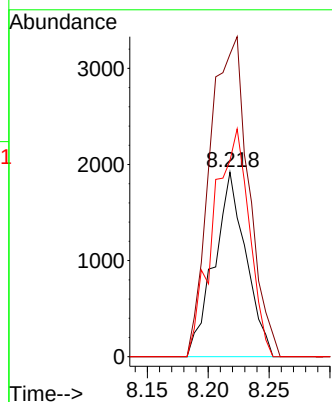


#31
Cyclohexane
Concen: 1.106 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN085080.D
Acq: 03 Dec 2024 16:18

Instrument :
MSVOA_N
ClientSampleId :

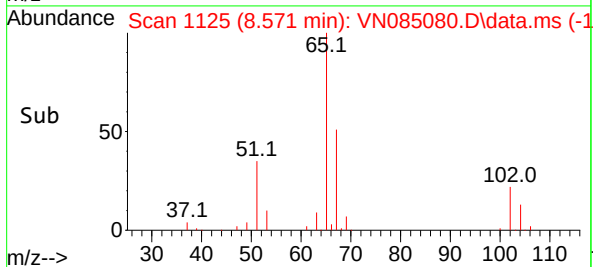
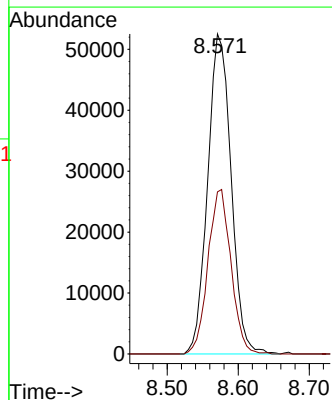
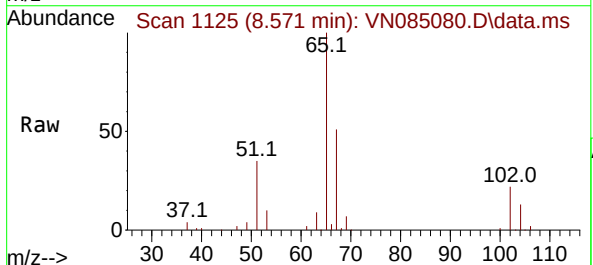


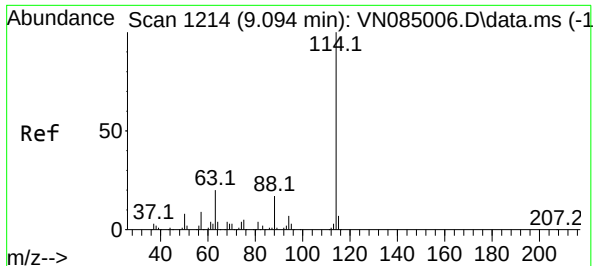
Tgt Ion: 56 Resp: 3475
Ion Ratio Lower Upper
56 100
69 163.9 24.6 36.8#
84 106.2 71.4 107.2



#33
1,2-Dichloroethane-d4
Concen: 51.115 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VN085080.D
Acq: 03 Dec 2024 16:18

Tgt Ion: 65 Resp: 120525
Ion Ratio Lower Upper
65 100
67 50.5 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085080.D

Acq: 03 Dec 2024 16:18

Instrument :

MSVOA_N

ClientSampleId :

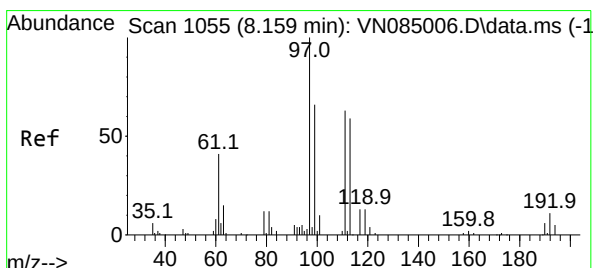
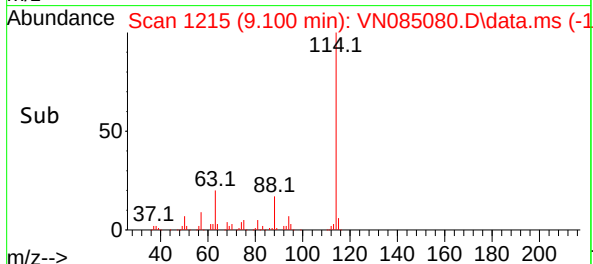
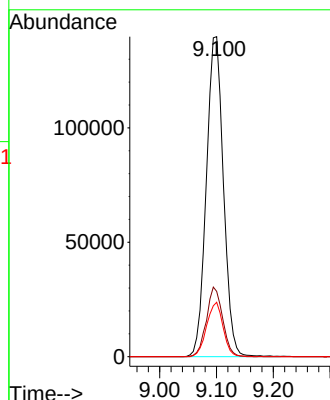
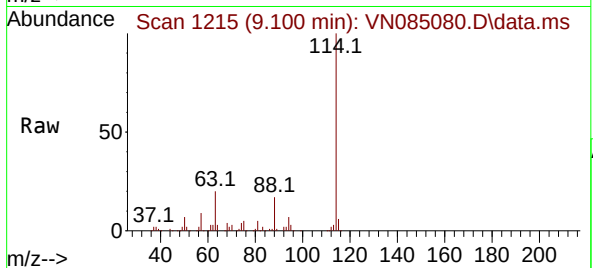
Tgt Ion:114 Resp: 291642

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.0

88 17.0 0.0 34.8



#35

Dibromofluoromethane

Concen: 50.463 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VN085080.D

Acq: 03 Dec 2024 16:18

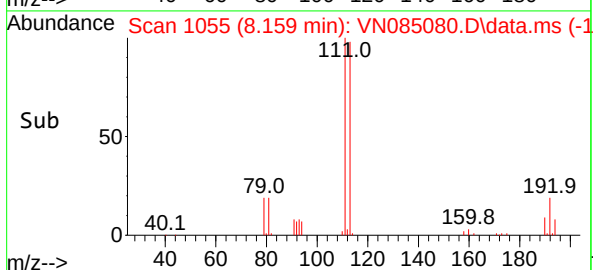
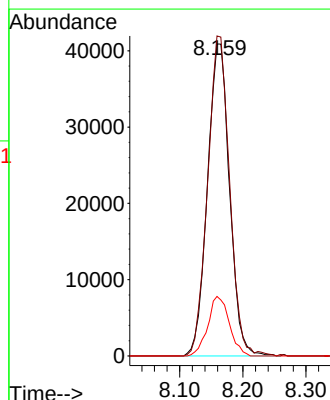
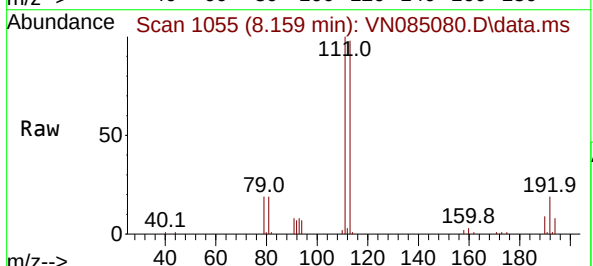
Tgt Ion:113 Resp: 99248

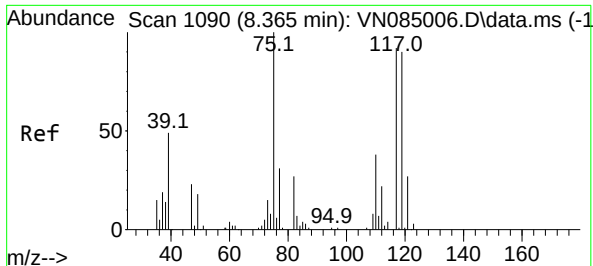
Ion Ratio Lower Upper

113 100

111 102.0 82.0 123.0

192 18.6 14.8 22.2





#36

1,1-Dichloropropene

Concen: 5.238 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN085080.D

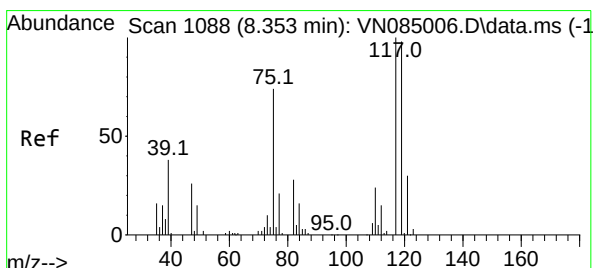
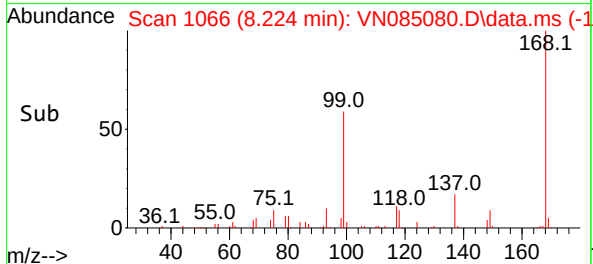
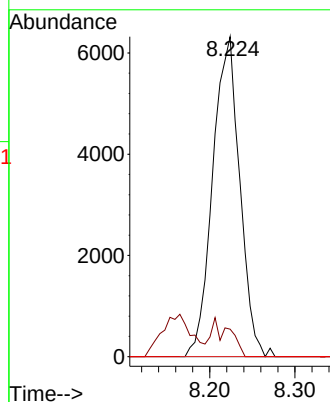
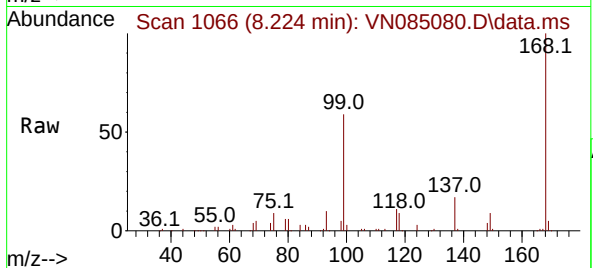
Acq: 03 Dec 2024 16:18

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	75	Resp:	13954
Ion	Ratio	Lower	Upper
75	100		
110	1.8	17.2	51.6#
77	0.0	24.2	36.4#



#38

Carbon Tetrachloride

Concen: 5.917 ug/l

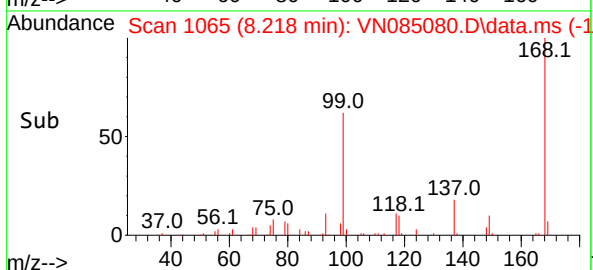
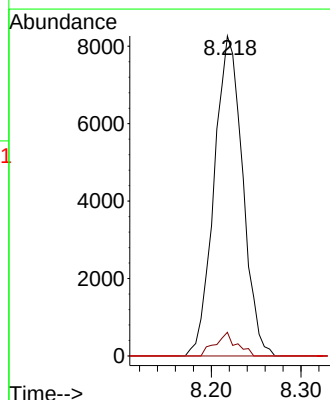
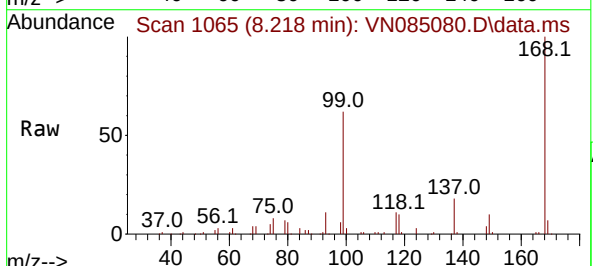
RT: 8.218 min Scan# 1065

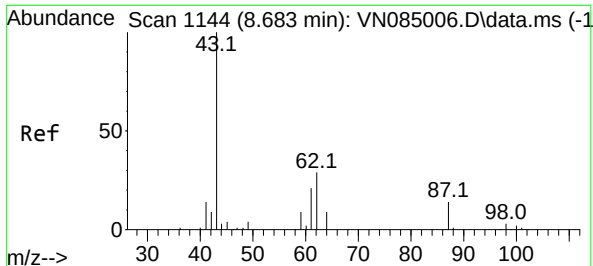
Delta R.T. -0.135 min

Lab File: VN085080.D

Acq: 03 Dec 2024 16:18

Tgt Ion:	117	Resp:	18194
Ion	Ratio	Lower	Upper
117	100		
119	7.4	78.6	117.8#
121	0.0	24.2	36.2#





#43

Isopropyl Acetate

Concen: 0.210 ug/l

RT: 8.700 min Scan# 1144

Delta R.T. 0.018 min

Lab File: VN085080.D

Acq: 03 Dec 2024 16:18

Instrument :

MSVOA_N

ClientSampleId :

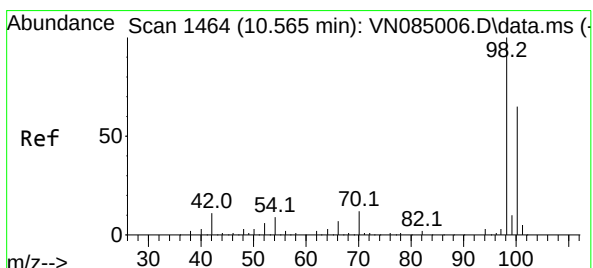
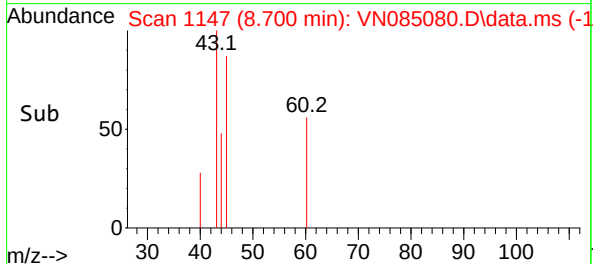
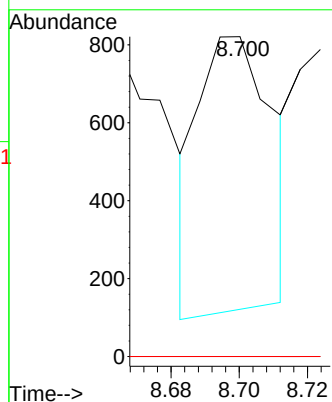
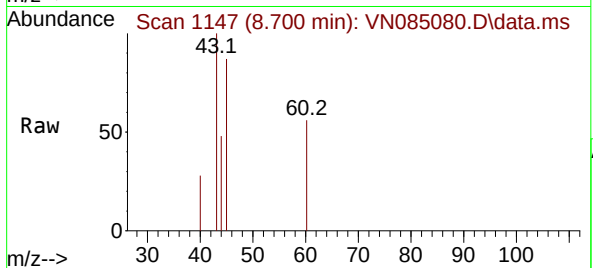
Tgt Ion: 43 Resp: 1056

Ion Ratio Lower Upper

43 100

61 0.0 20.6 30.8#

87 0.0 11.0 16.4#



#50

Toluene-d8

Concen: 46.066 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085080.D

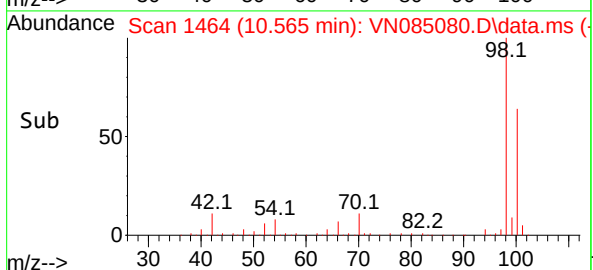
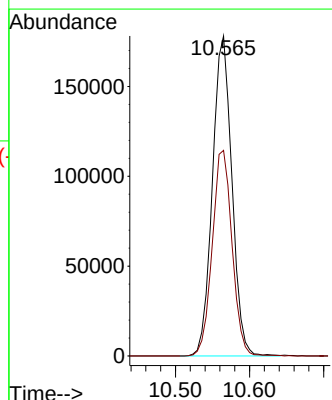
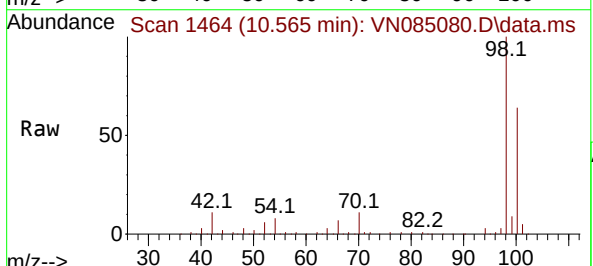
Acq: 03 Dec 2024 16:18

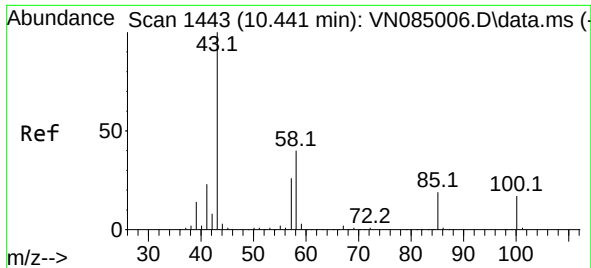
Tgt Ion: 98 Resp: 324687

Ion Ratio Lower Upper

98 100

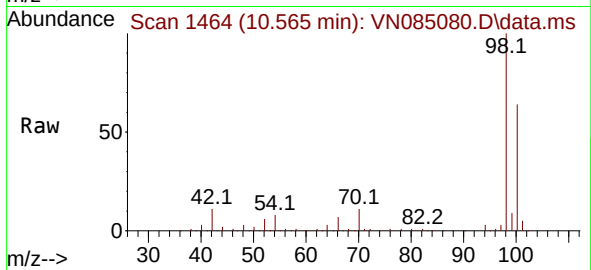
100 65.4 52.5 78.7



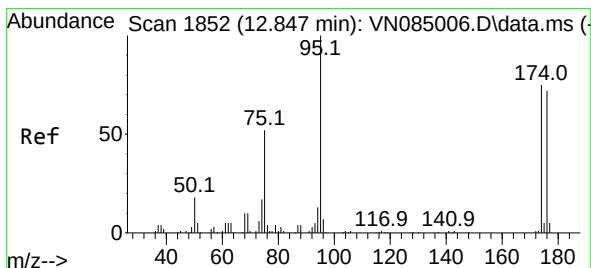
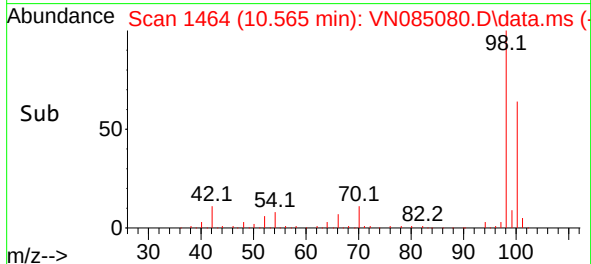
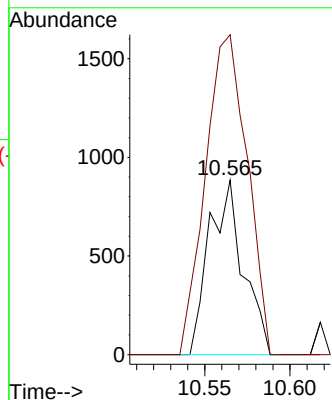


#51
4-Methyl-2-Pentanone
Concen: 0.536 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.123 min
Lab File: VN085080.D
Acq: 03 Dec 2024 16:18

Instrument :
MSVOA_N
ClientSampleId :

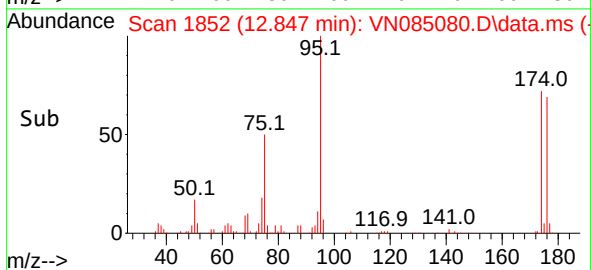
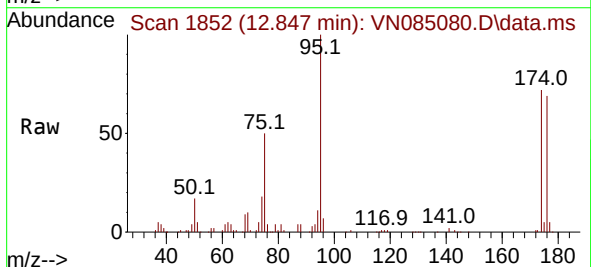
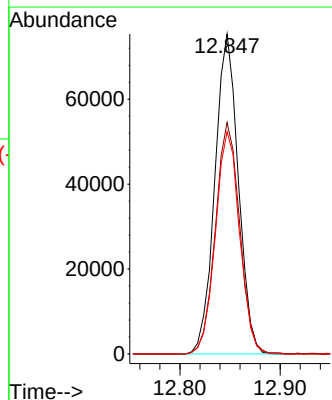


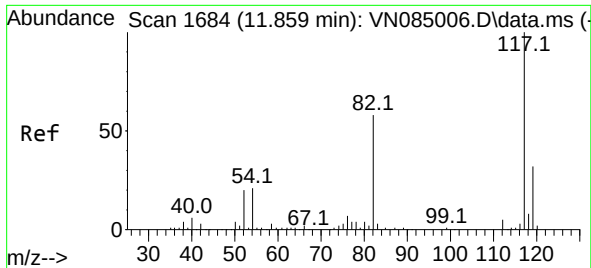
Tgt Ion: 43 Resp: 1231
Ion Ratio Lower Upper
43 100
58 225.0 32.1 48.1#



#62
4-Bromofluorobenzene
Concen: 46.418 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085080.D
Acq: 03 Dec 2024 16:18

Tgt Ion: 95 Resp: 122351
Ion Ratio Lower Upper
95 100
174 74.9 0.0 146.6
176 71.6 0.0 141.8

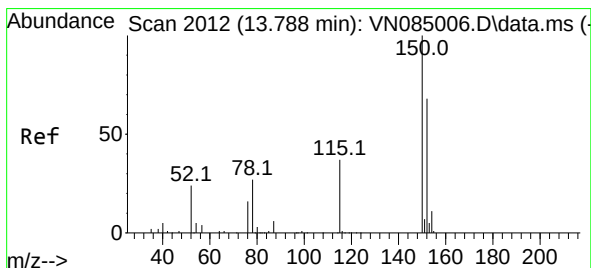
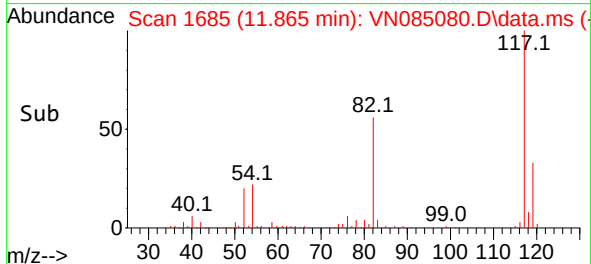
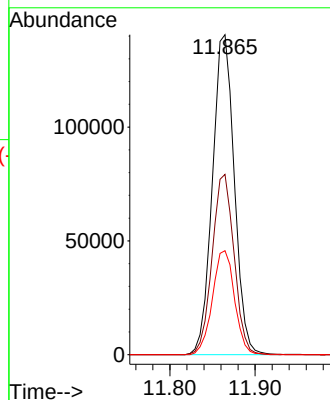
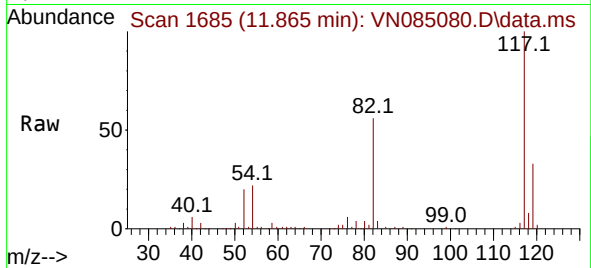




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085080.D
Acq: 03 Dec 2024 16:18

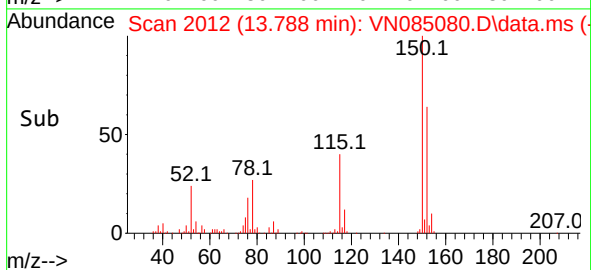
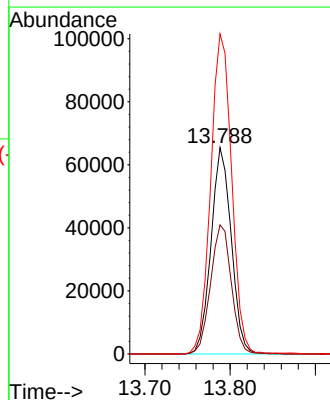
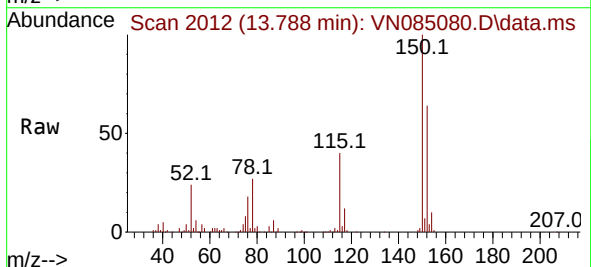
Instrument :
MSVOA_N
ClientSampleId :

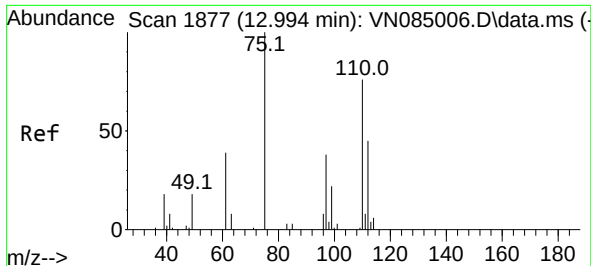
Tgt Ion:117 Resp: 251600
Ion Ratio Lower Upper
117 100
82 56.4 46.0 69.0
119 32.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085080.D
Acq: 03 Dec 2024 16:18

Tgt Ion:152 Resp: 108085
Ion Ratio Lower Upper
152 100
115 64.0 31.7 95.1
150 160.3 0.0 351.4

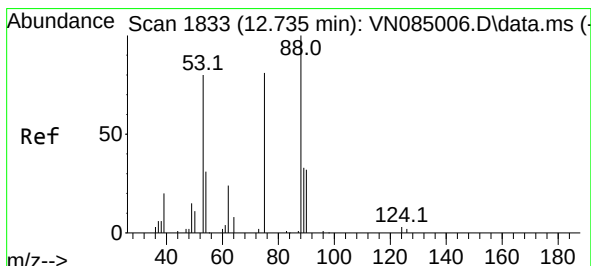
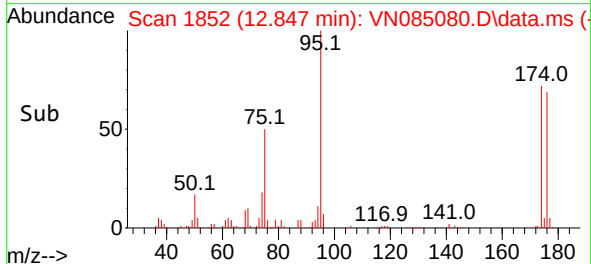
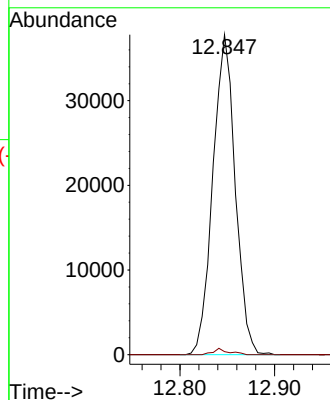
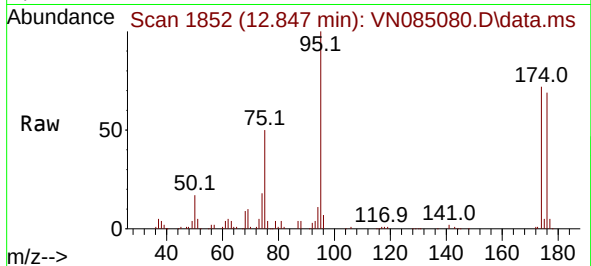




#76
1,2,3-Trichloropropane
Concen: 31.542 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN085080.D
Acq: 03 Dec 2024 16:18

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 62011
Ion Ratio Lower Upper
75 100
77 1.3 109.1 327.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.631 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN085080.D
Acq: 03 Dec 2024 16:18

Tgt Ion: 75 Resp: 62011
Ion Ratio Lower Upper
75 100
53 0.0 78.2 117.4#
89 0.0 37.9 56.9#

