

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121024\
 Data File : VN085170.D
 Acq On : 10 Dec 2024 16:53
 Operator : JC\MD
 Sample : P5240-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 11 04:18:16 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)

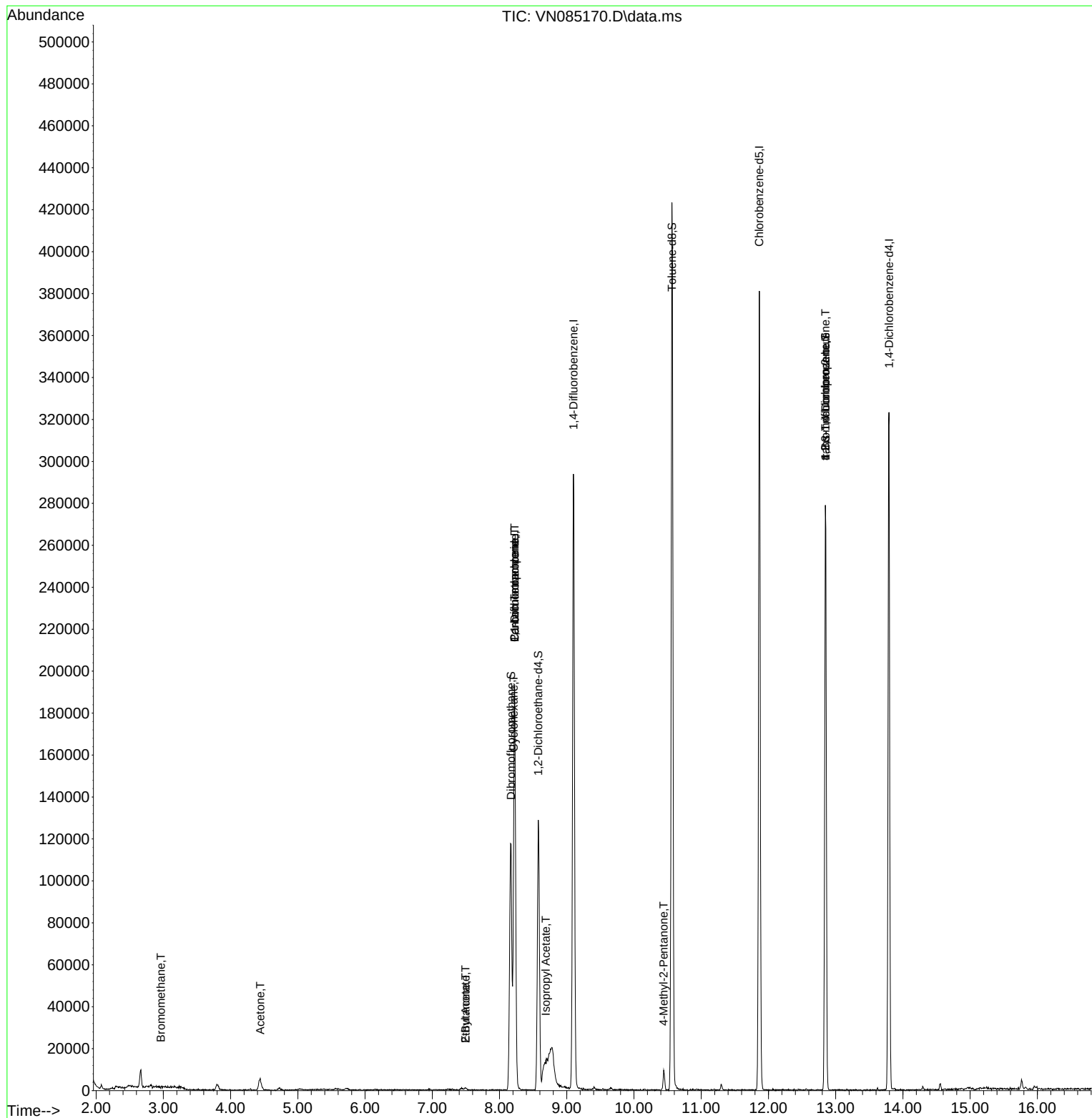
Internal Standards						
1) Pentafluorobenzene	8.224	168	134322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	251295	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	208512	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	88019	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	105316	55.044	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.080%
35) Dibromofluoromethane	8.171	113	84640	49.945	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.900%
50) Toluene-d8	10.565	98	287731	47.377	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.760%
62) 4-Bromofluorobenzene	12.847	95	96845	42.641	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	85.280%
Target Compounds						
						Qvalue
5) Bromomethane	2.965	94	361	0.407	ug/l	95
16) Acetone	4.441	43	10225	18.350	ug/l #	88
18) Methyl Acetate	5.030	43	982	Below Cal	#	50
25) 2-Butanone	7.494	43	2078	2.281	ug/l #	71
31) Cyclohexane	8.212	56	3429	1.345	ug/l #	41
36) 1,1-Dichloropropene	8.224	75	11793	5.138	ug/l #	50
37) Ethyl Acetate	7.494	43	2078	0.996	ug/l #	67
38) Carbon Tetrachloride	8.224	117	14964	5.648	ug/l #	16
43) Isopropyl Acetate	8.688	43	15953	3.680	ug/l #	56
51) 4-Methyl-2-Pentanone	10.441	43	6529	3.298	ug/l #	86
76) 1,2,3-Trichloropropane	12.847	75	51169	31.961	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	51169	70.555	ug/l #	10

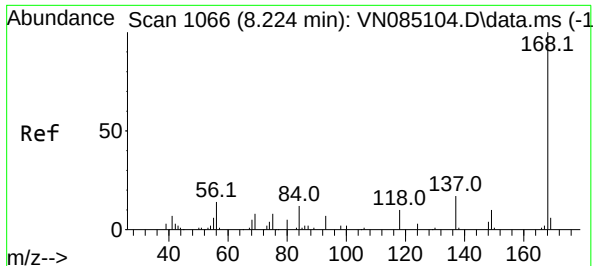
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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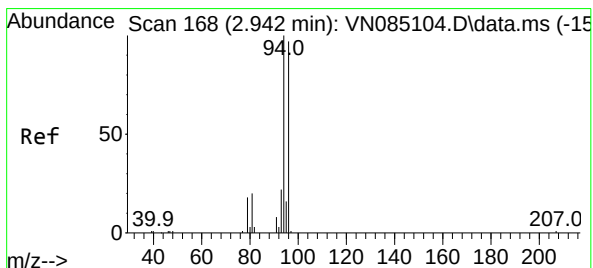
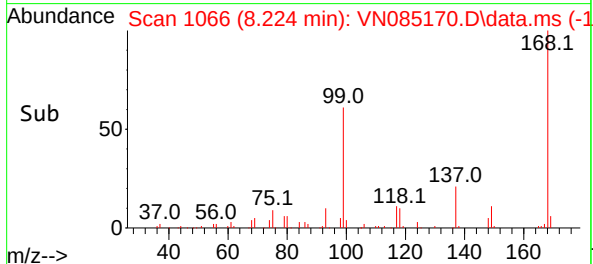
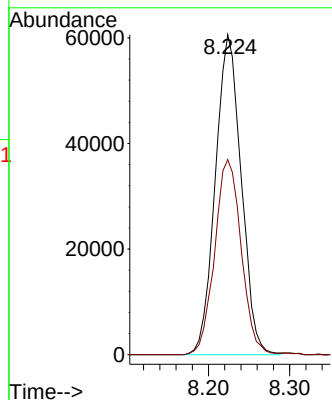
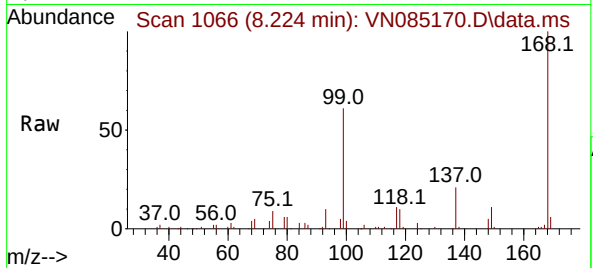




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085170.D
Acq: 10 Dec 2024 16:53

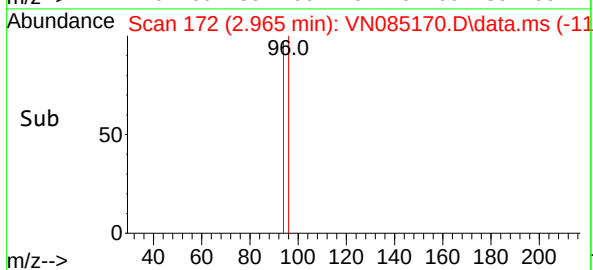
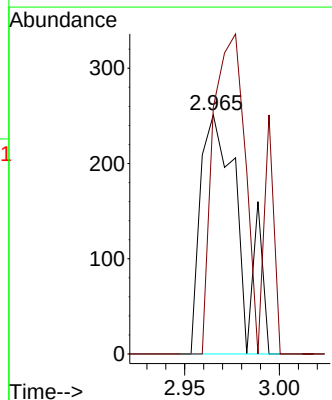
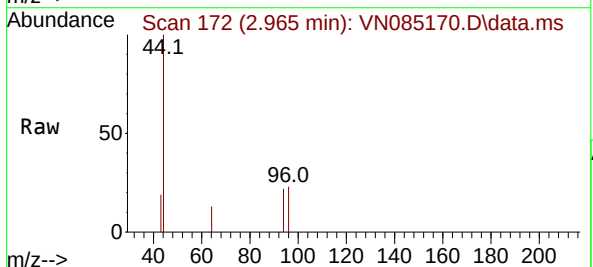
Instrument :
MSVOA_N
ClientSampleId :

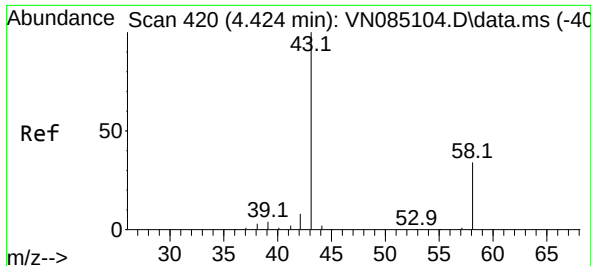
Tgt Ion:168 Resp: 134322
Ion Ratio Lower Upper
168 100
99 61.0 51.2 76.8



#5
Bromomethane
Concen: 0.407 ug/l
RT: 2.965 min Scan# 172
Delta R.T. 0.064 min
Lab File: VN085170.D
Acq: 10 Dec 2024 16:53

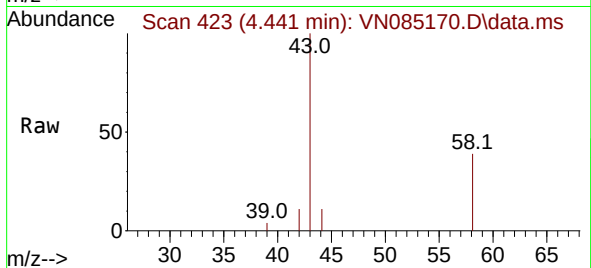
Tgt Ion: 94 Resp: 361
Ion Ratio Lower Upper
94 100
96 103.2 78.7 118.1



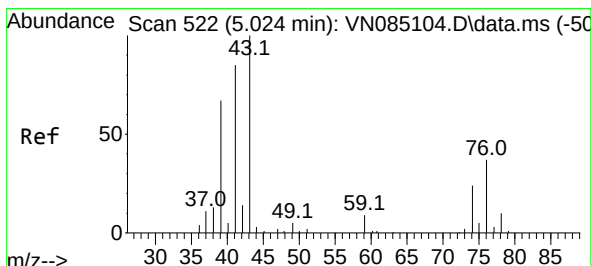
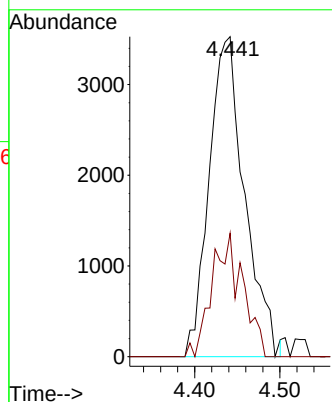
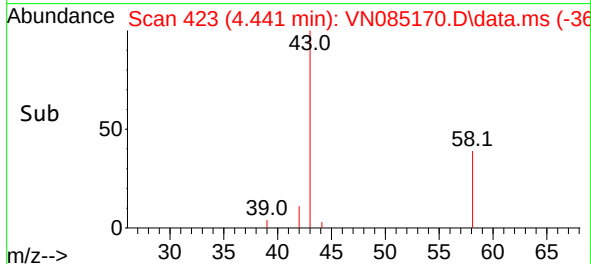


#16
Acetone
Concen: 18.350 ug/l
RT: 4.441 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN085170.D
Acq: 10 Dec 2024 16:53

Instrument :
MSVOA_N
ClientSampleId :

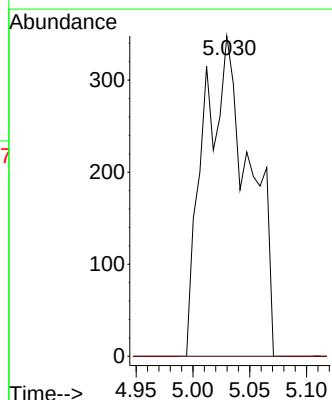
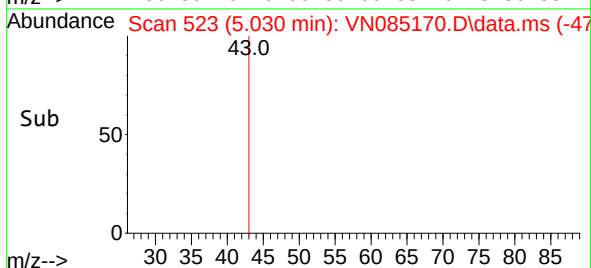
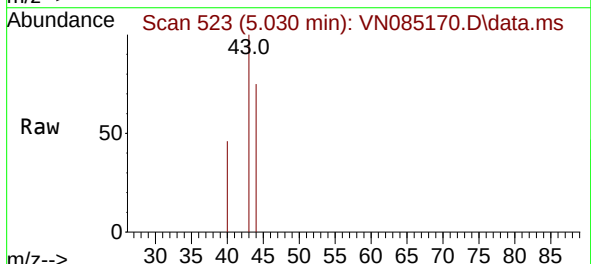


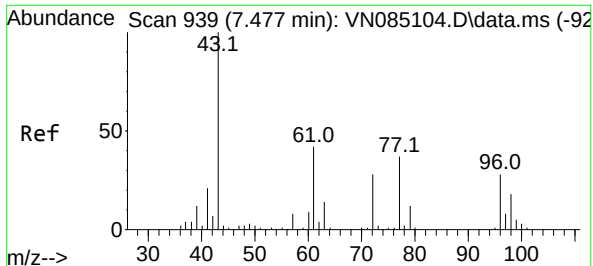
Tgt Ion: 43 Resp: 10225
Ion Ratio Lower Upper
43 100
58 38.6 25.4 38.2#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN085170.D
Acq: 10 Dec 2024 16:53

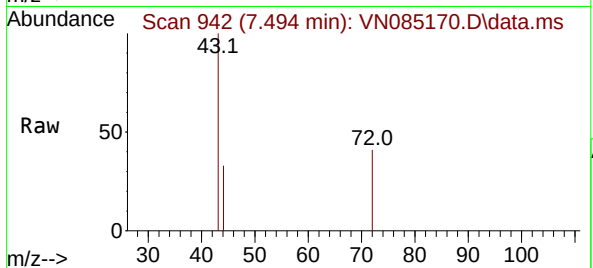
Tgt Ion: 43 Resp: 982
Ion Ratio Lower Upper
43 100
74 0.0 20.1 30.1#



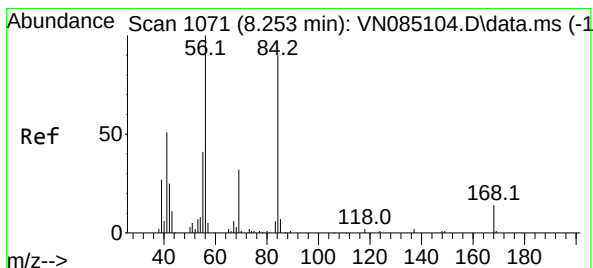
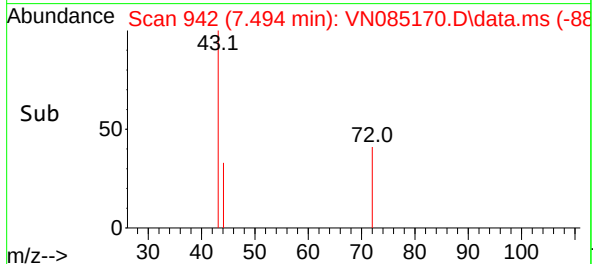
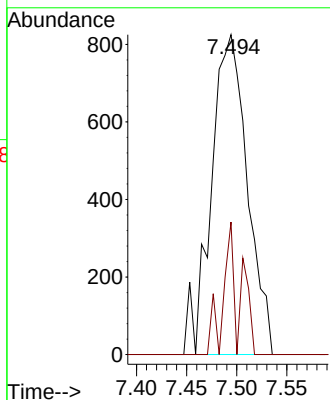


#25
2-Butanone
Concen: 2.281 ug/l
RT: 7.494 min Scan# 94
Delta R.T. 0.012 min
Lab File: VN085170.D
Acq: 10 Dec 2024 16:53

Instrument :
MSVOA_N
ClientSampleId :

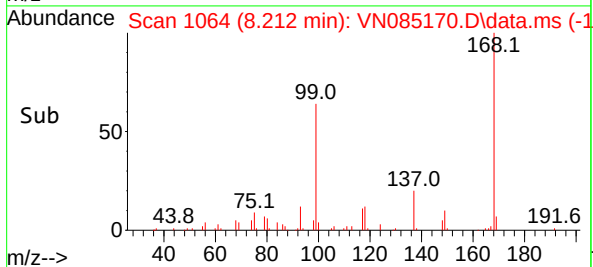
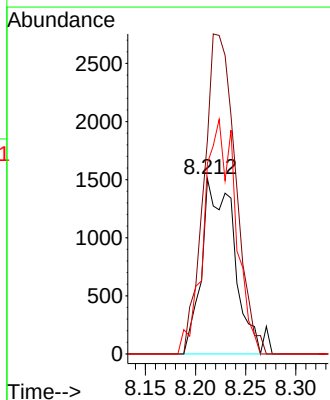
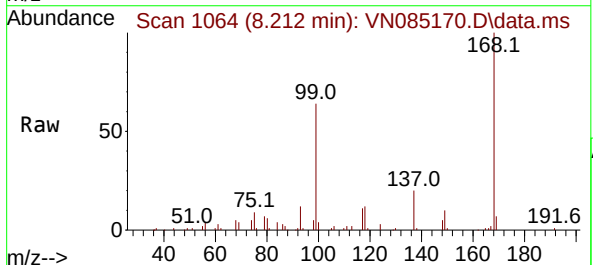


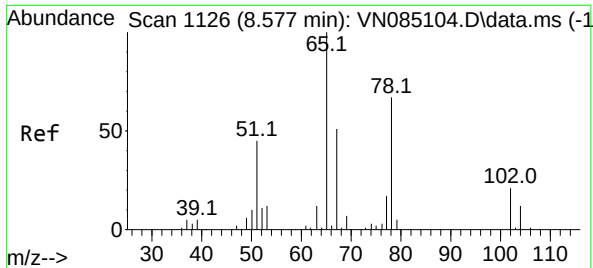
Tgt Ion: 43 Resp: 2078
Ion Ratio Lower Upper
43 100
72 41.5 21.4 32.0#



#31
Cyclohexane
Concen: 1.345 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.041 min
Lab File: VN085170.D
Acq: 10 Dec 2024 16:53

Tgt Ion: 56 Resp: 3429
Ion Ratio Lower Upper
56 100
69 122.5 24.6 36.8#
84 109.2 71.4 107.2#

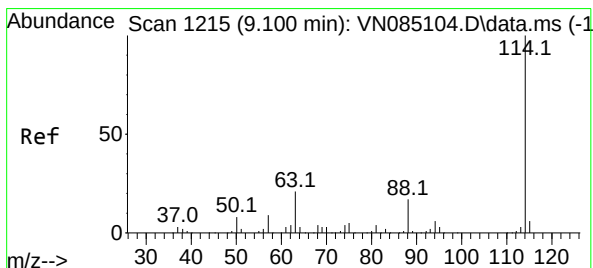
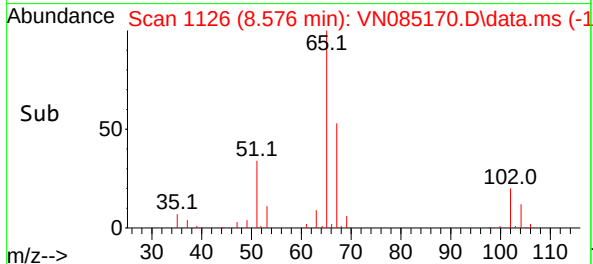
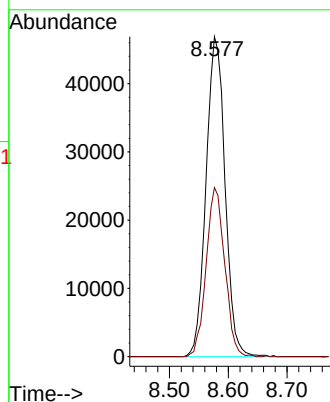
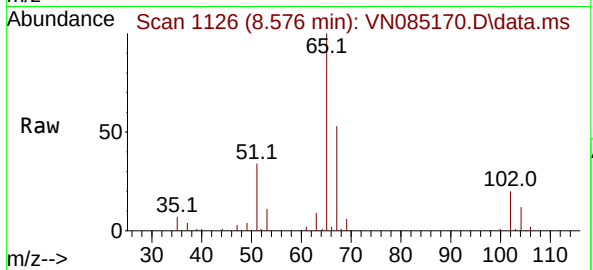




#33
 1,2-Dichloroethane-d4
 Concen: 55.044 ug/l
 RT: 8.576 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: VN085170.D
 Acq: 10 Dec 2024 16:53

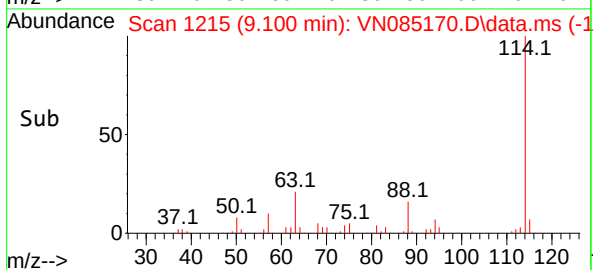
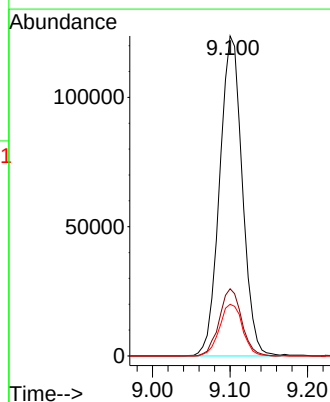
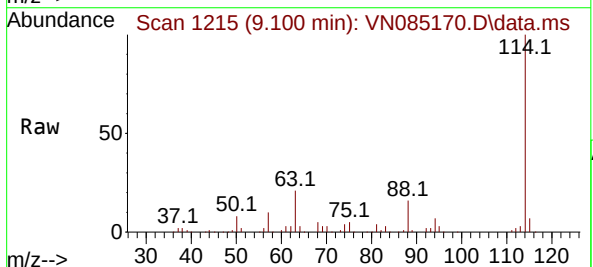
Instrument :
 MSVOA_N
 ClientSampleId :

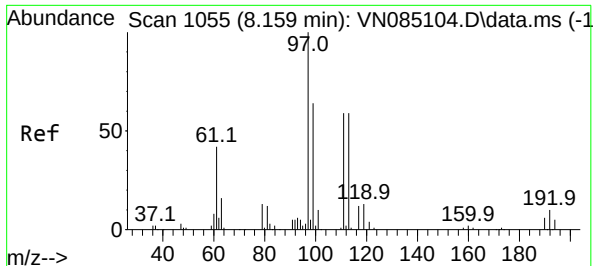
Tgt Ion: 65 Resp: 105316
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085170.D
 Acq: 10 Dec 2024 16:53

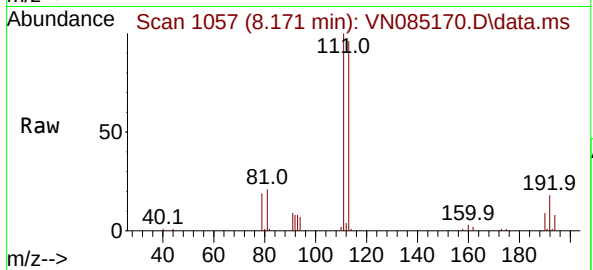
Tgt Ion: 114 Resp: 251295
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 41.0
 88 16.2 0.0 34.8



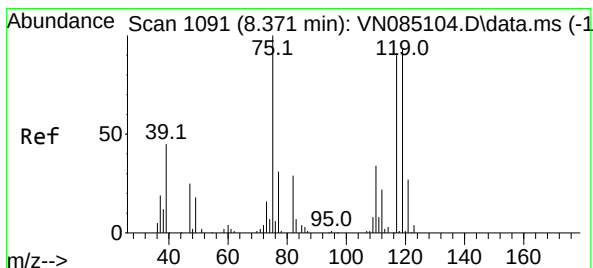
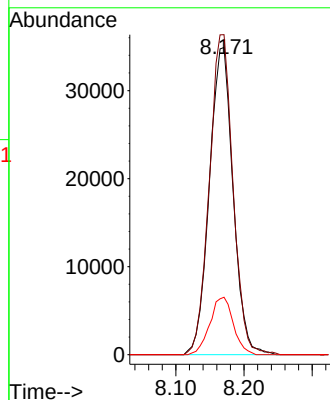
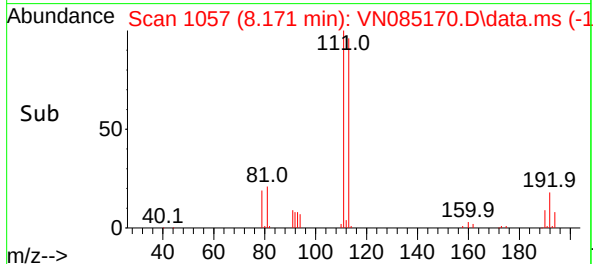


#35
Dibromofluoromethane
Concen: 49.945 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.012 min
Lab File: VN085170.D
Acq: 10 Dec 2024 16:53

Instrument :
MSVOA_N
ClientSampleId :

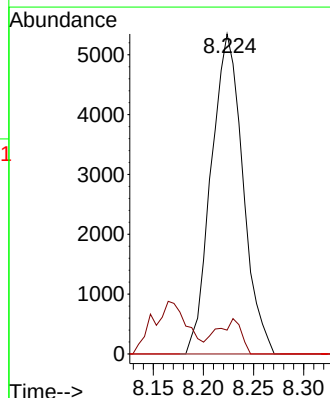
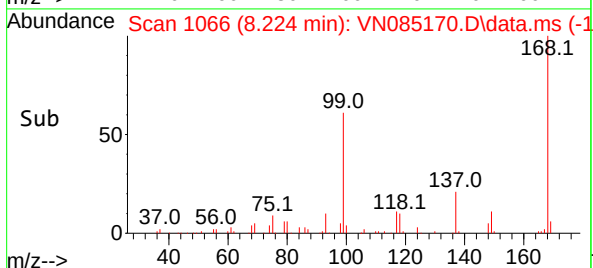
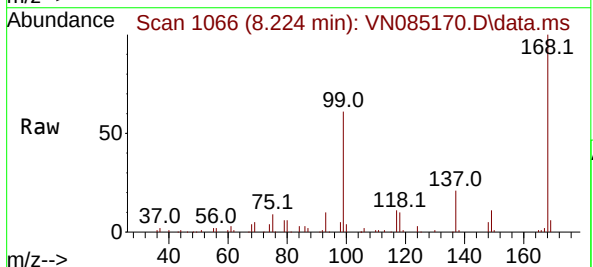


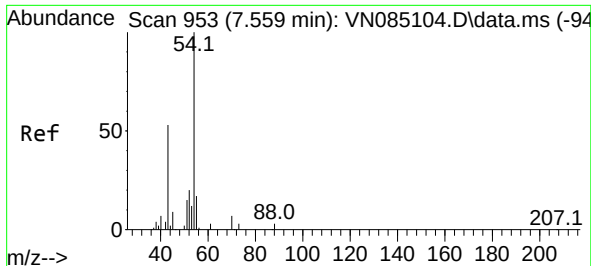
Tgt Ion:113 Resp: 84640
Ion Ratio Lower Upper
113 100
111 103.5 82.0 123.0
192 18.5 14.8 22.2



#36
1,1-Dichloropropene
Concen: 5.138 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN085170.D
Acq: 10 Dec 2024 16:53

Tgt Ion: 75 Resp: 11793
Ion Ratio Lower Upper
75 100
110 8.4 17.2 51.6#
77 0.0 24.2 36.4#





#37

Ethyl Acetate

Concen: 0.996 ug/l

RT: 7.494 min Scan# 94

Delta R.T. -0.059 min

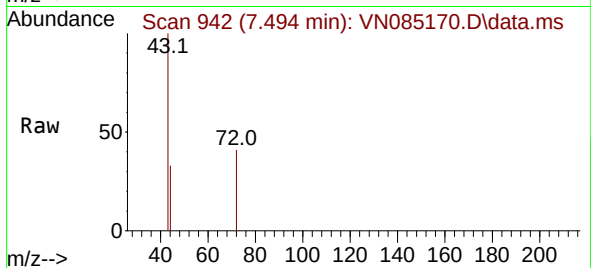
Lab File: VN085170.D

Acq: 10 Dec 2024 16:53

Instrument :

MSVOA_N

ClientSampleId :



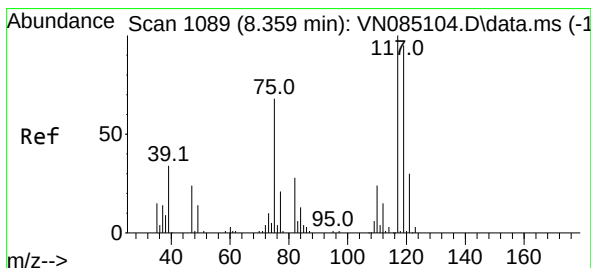
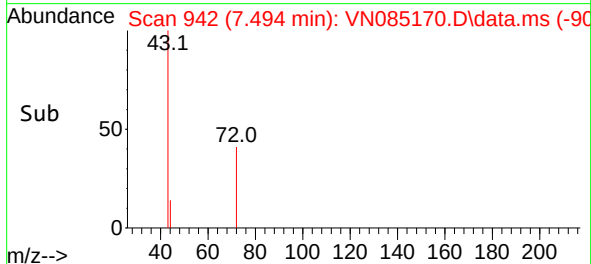
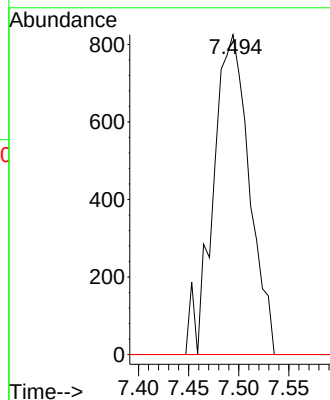
Tgt Ion: 43 Resp: 2078

Ion Ratio Lower Upper

43 100

61 0.0 11.7 17.5#

70 0.0 9.3 13.9#



#38

Carbon Tetrachloride

Concen: 5.648 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.130 min

Lab File: VN085170.D

Acq: 10 Dec 2024 16:53

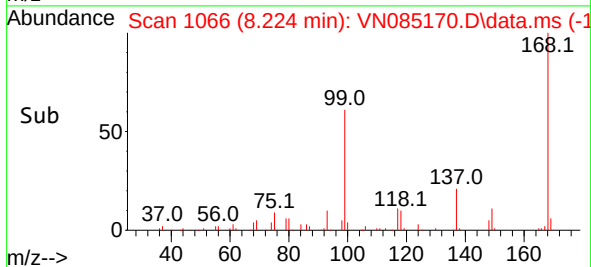
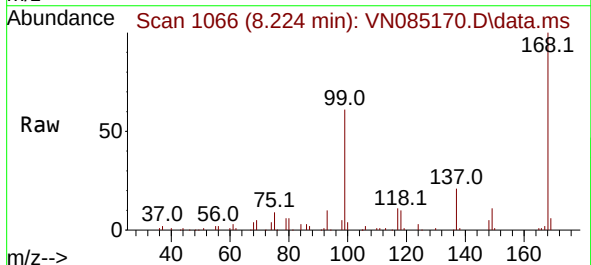
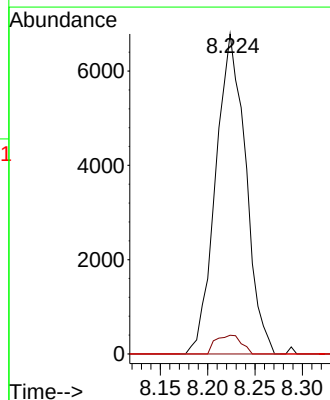
Tgt Ion: 117 Resp: 14964

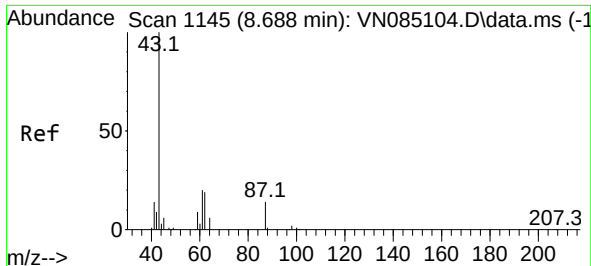
Ion Ratio Lower Upper

117 100

119 5.9 78.6 117.8#

121 0.0 24.2 36.2#





#43

Isopropyl Acetate

Concen: 3.680 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.006 min

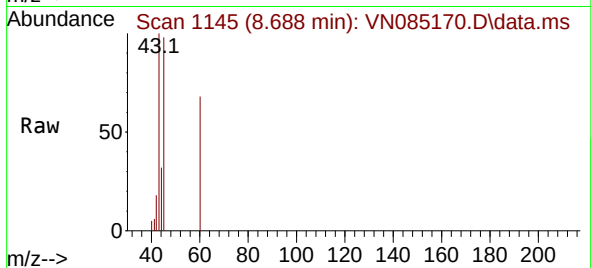
Lab File: VN085170.D

Acq: 10 Dec 2024 16:53

Instrument :

MSVOA_N

ClientSampleId :



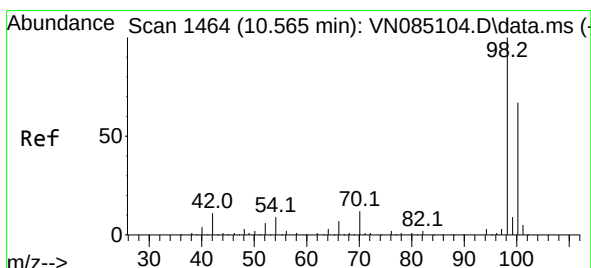
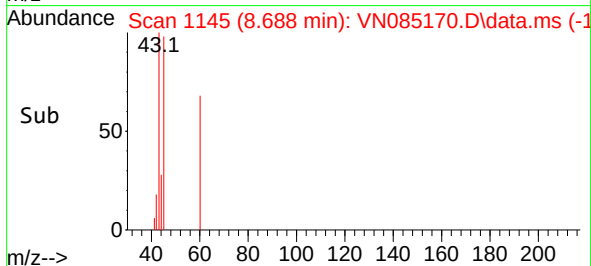
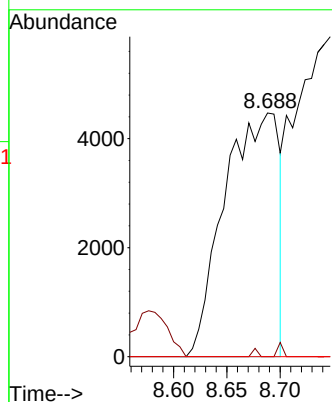
Tgt Ion: 43 Resp: 15953

Ion Ratio Lower Upper

43 100

61 0.6 20.6 30.8#

87 0.0 11.0 16.4#



#50

Toluene-d8

Concen: 47.377 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085170.D

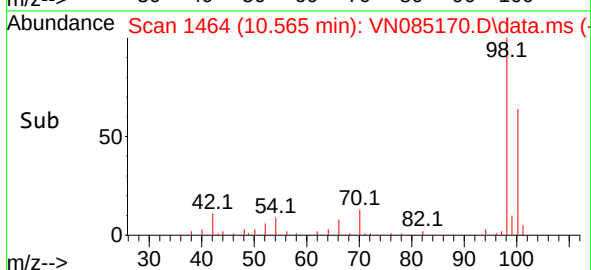
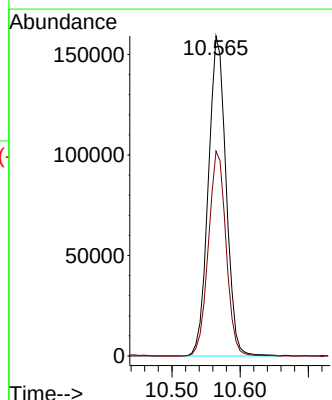
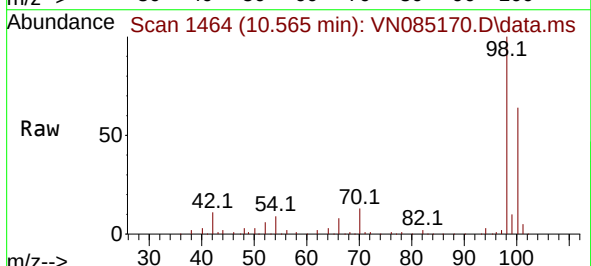
Acq: 10 Dec 2024 16:53

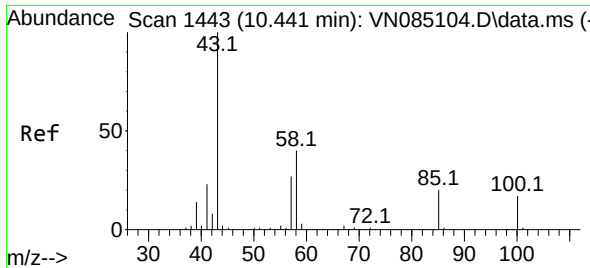
Tgt Ion: 98 Resp: 287731

Ion Ratio Lower Upper

98 100

100 63.8 52.5 78.7

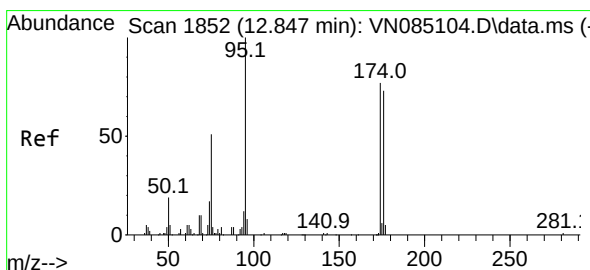
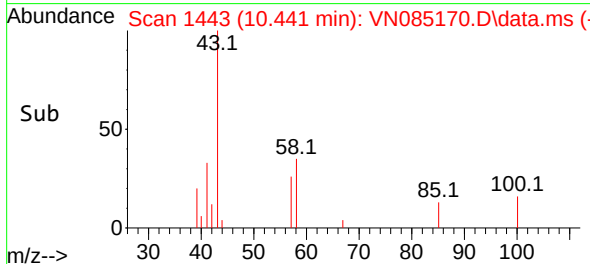
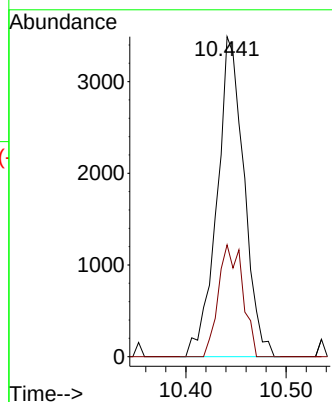
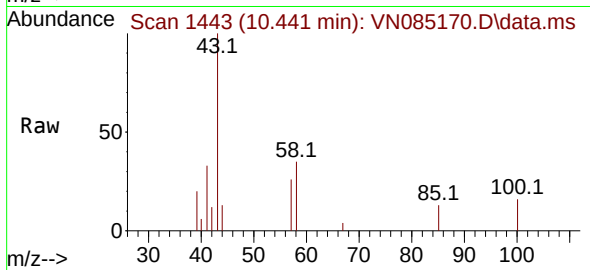




#51
4-Methyl-2-Pentanone
Concen: 3.298 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085170.D
Acq: 10 Dec 2024 16:53

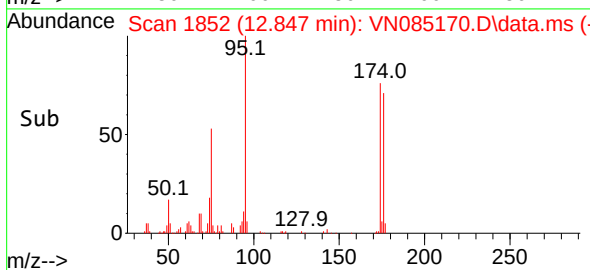
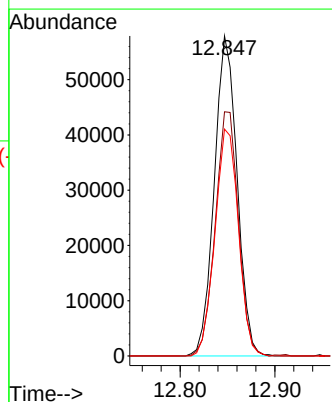
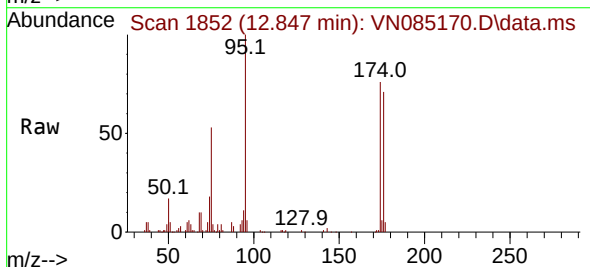
Instrument :
MSVOA_N
ClientSampleId :

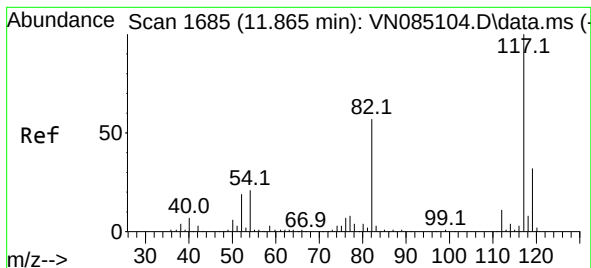
Tgt Ion: 43 Resp: 6529
Ion Ratio Lower Upper
43 100
58 31.3 32.1 48.1#



#62
4-Bromofluorobenzene
Concen: 42.641 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085170.D
Acq: 10 Dec 2024 16:53

Tgt Ion: 95 Resp: 96845
Ion Ratio Lower Upper
95 100
174 77.7 0.0 146.6
176 73.1 0.0 141.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085170.D

Acq: 10 Dec 2024 16:53

Instrument :

MSVOA_N

ClientSampleId :

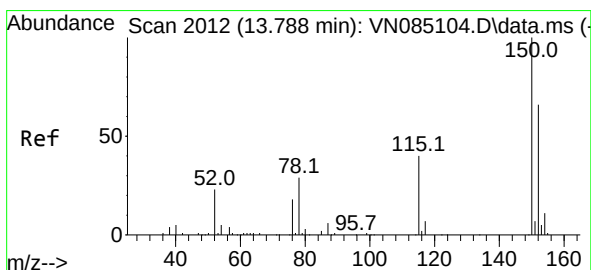
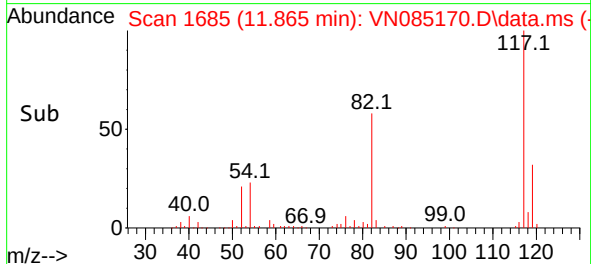
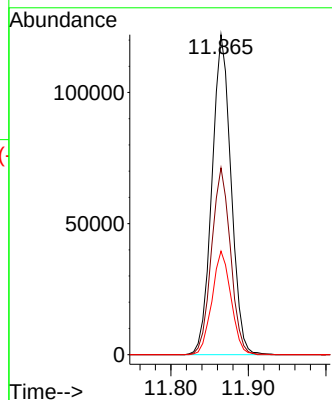
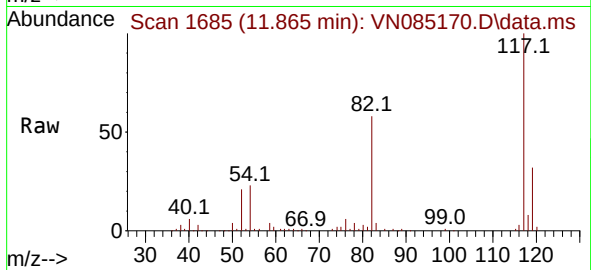
Tgt Ion:117 Resp: 208512

Ion Ratio Lower Upper

117 100

82 58.4 46.0 69.0

119 32.3 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN085170.D

Acq: 10 Dec 2024 16:53

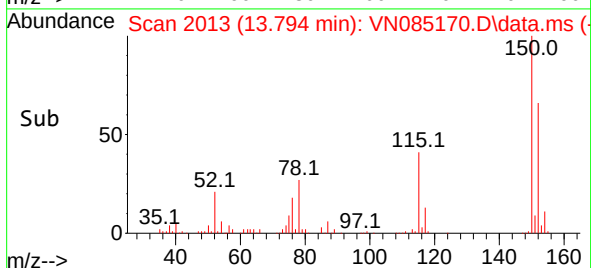
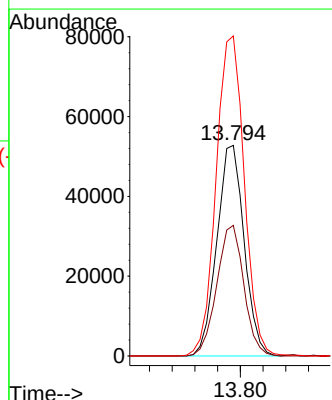
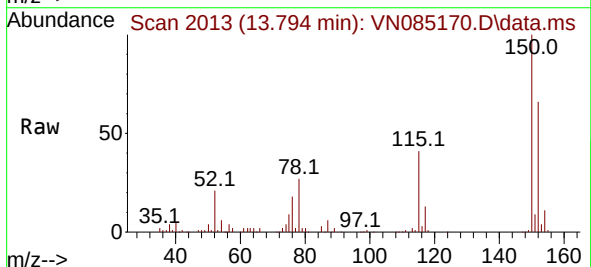
Tgt Ion:152 Resp: 88019

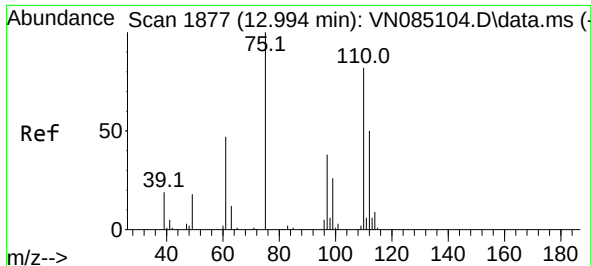
Ion Ratio Lower Upper

152 100

115 61.4 31.7 95.1

150 157.1 0.0 351.4

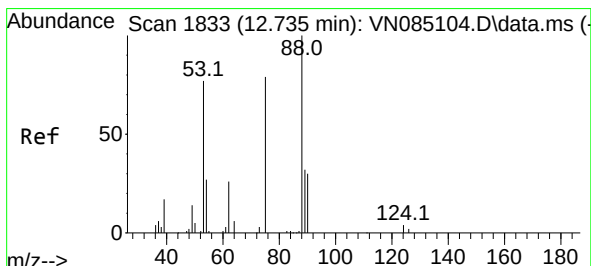
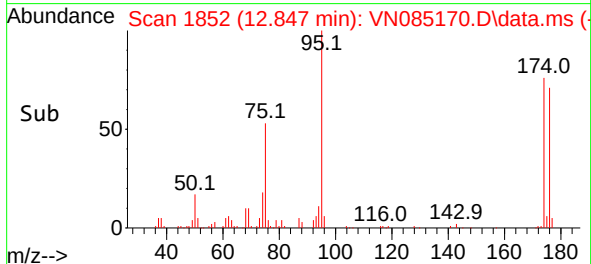
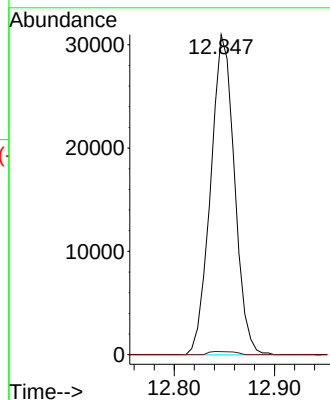
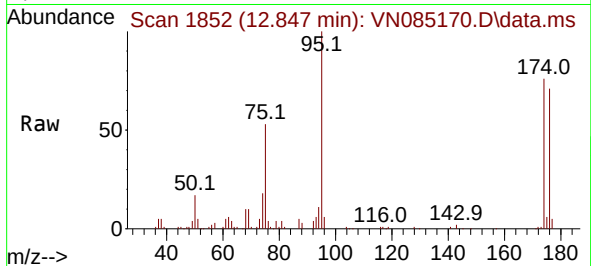




#76
1,2,3-Trichloropropane
Concen: 31.961 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN085170.D
Acq: 10 Dec 2024 16:53

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 51169
Ion Ratio Lower Upper
75 100
77 1.1 109.1 327.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.555 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.111 min
Lab File: VN085170.D
Acq: 10 Dec 2024 16:53

Tgt Ion: 75 Resp: 51169
Ion Ratio Lower Upper
75 100
53 0.1 78.2 117.4#
89 0.0 37.9 56.9#

