

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120424\
 Data File : VN085100.D
 Acq On : 04 Dec 2024 17:37
 Operator : JC\MD
 Sample : P5088-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 04 22:10:47 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)

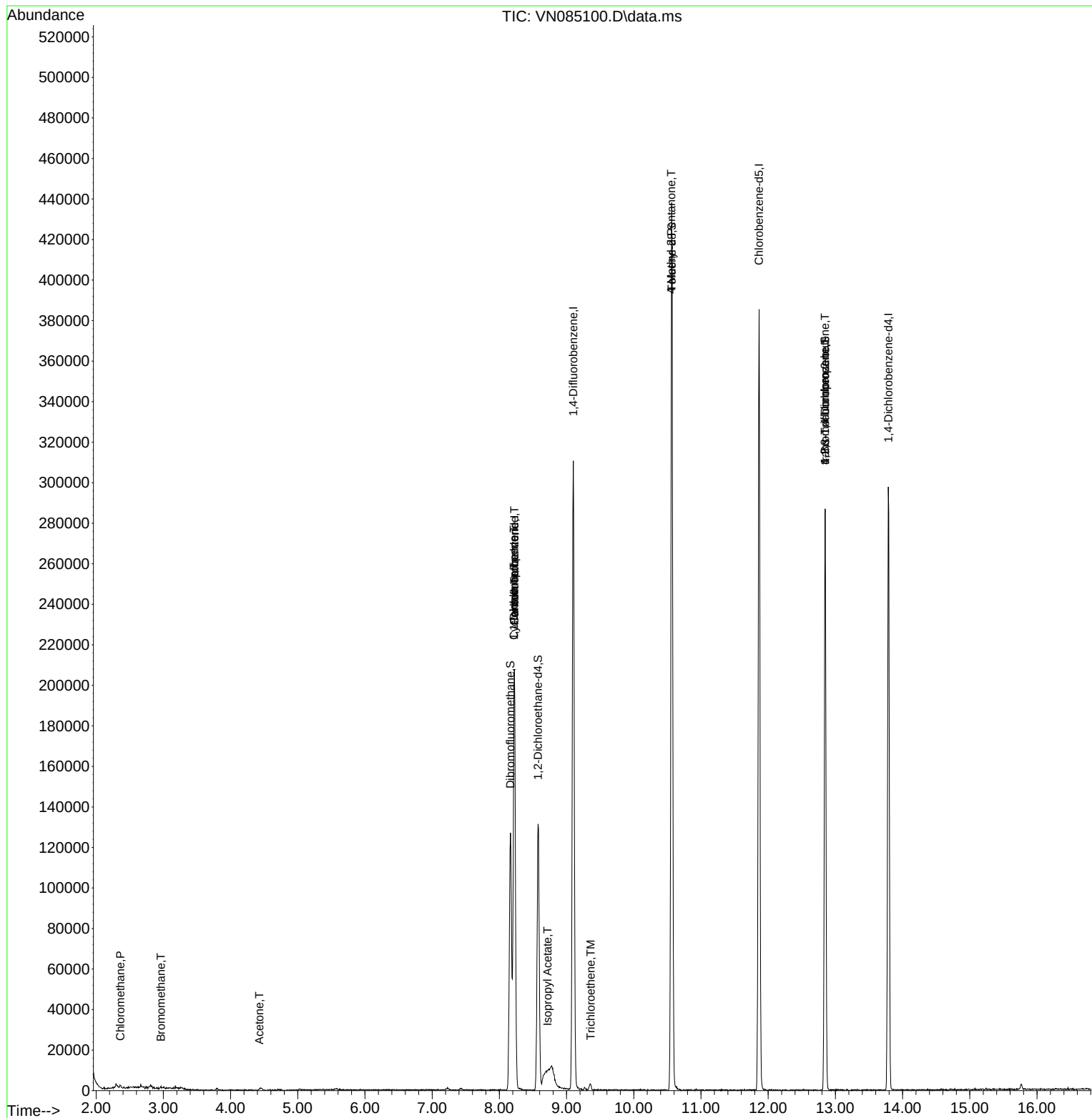
Internal Standards						
1) Pentafluorobenzene	8.223	168	148763	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	268302	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	218483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	81728	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	111266	52.508	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.020%	
35) Dibromofluoromethane	8.165	113	90668	50.111	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.220%	
50) Toluene-d8	10.564	98	301112	46.438	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 92.880%	
62) 4-Bromofluorobenzene	12.847	95	99282	40.943	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 81.880%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	873	0.447	ug/l #	84
5) Bromomethane	2.965	94	249	0.253	ug/l #	69
16) Acetone	4.430	43	541	0.877	ug/l #	43
18) Methyl Acetate	5.024	43	309	Below Cal	#	89
31) Cyclohexane	8.218	56	3285	1.164	ug/l #	39
36) 1,1-Dichloropropene	8.218	75	12234	4.992	ug/l #	50
38) Carbon Tetrachloride	8.223	117	16253	5.745	ug/l #	17
43) Isopropyl Acetate	8.718	43	17968	3.883	ug/l #	55
44) Trichloroethene	9.359	130	1183	0.657	ug/l	85
51) 4-Methyl-2-Pentanone	10.559	43	1126	0.533	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	51410	34.583	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	51410	76.344	ug/l #	10

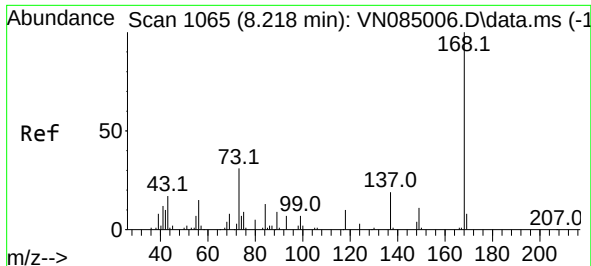
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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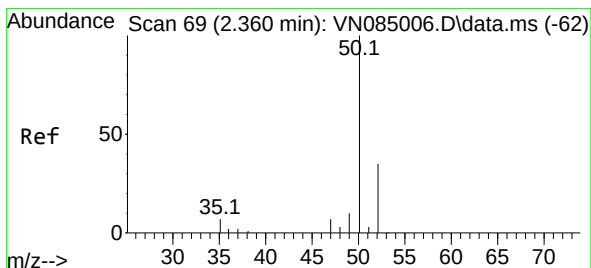
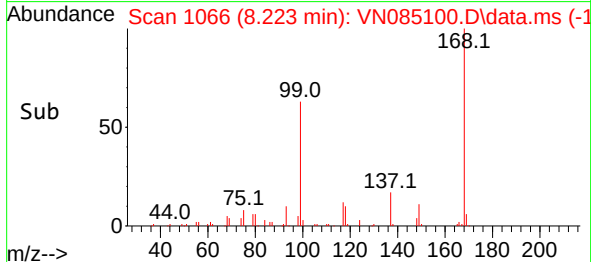
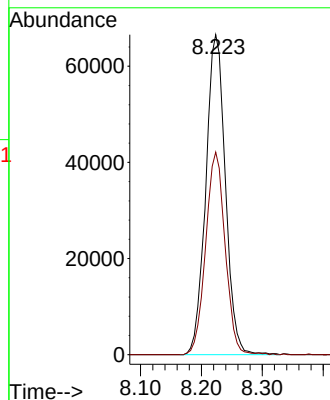
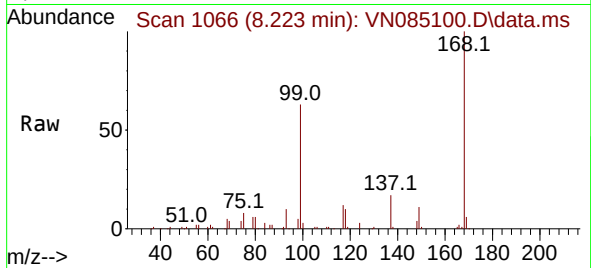




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.223 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN085100.D
Acq: 04 Dec 2024 17:37

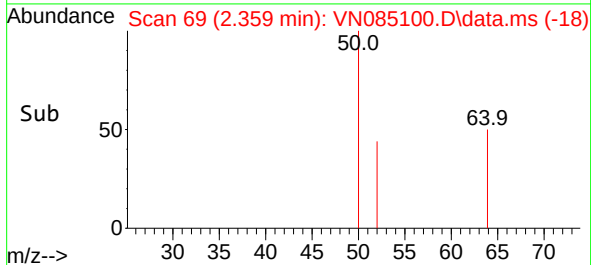
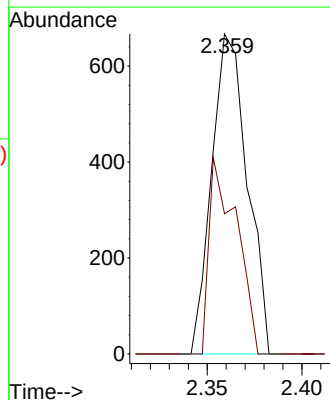
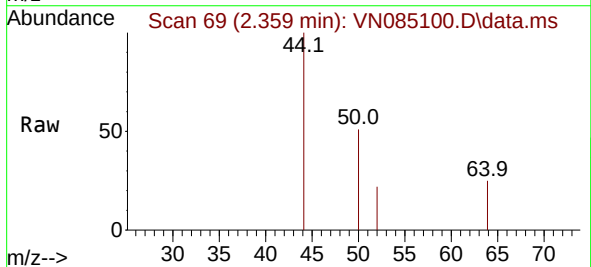
Instrument :
MSVOA_N
ClientSampleId :

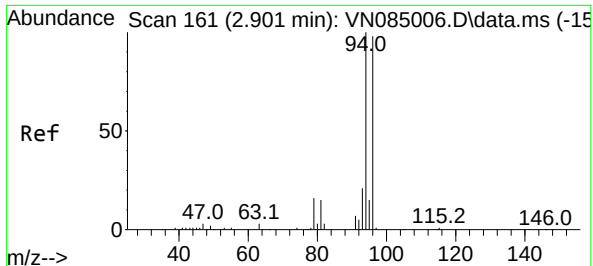
Tgt Ion:168 Resp: 148763
Ion Ratio Lower Upper
168 100
99 63.3 51.2 76.8



#3
Chloromethane
Concen: 0.447 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085100.D
Acq: 04 Dec 2024 17:37

Tgt Ion: 50 Resp: 873
Ion Ratio Lower Upper
50 100
52 43.8 27.8 41.8#

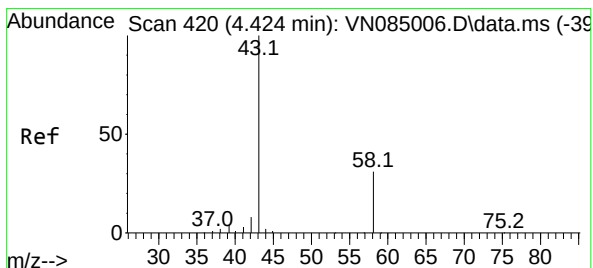
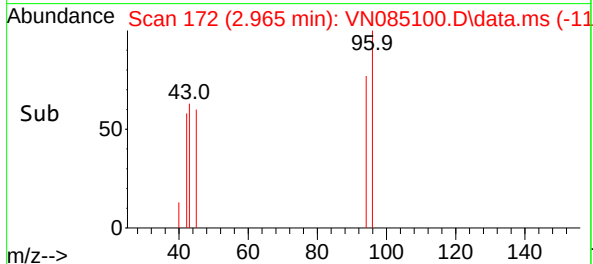
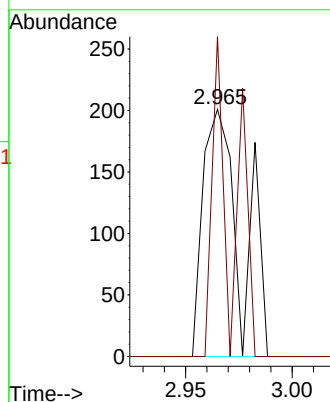
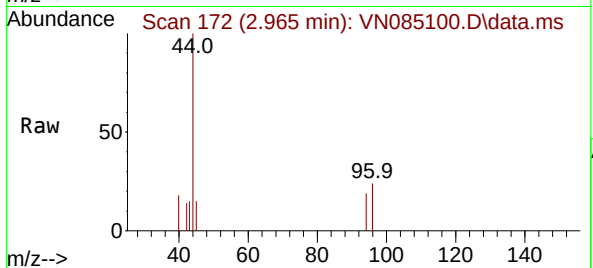




#5
Bromomethane
Concen: 0.253 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.064 min
Lab File: VN085100.D
Acq: 04 Dec 2024 17:37

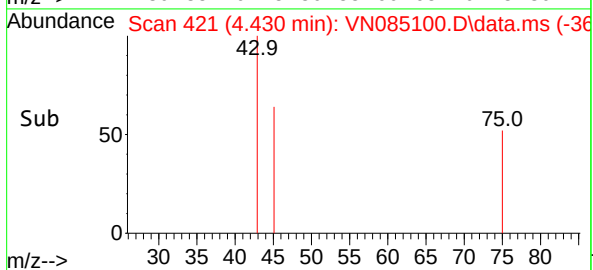
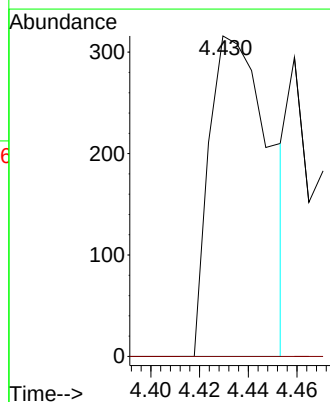
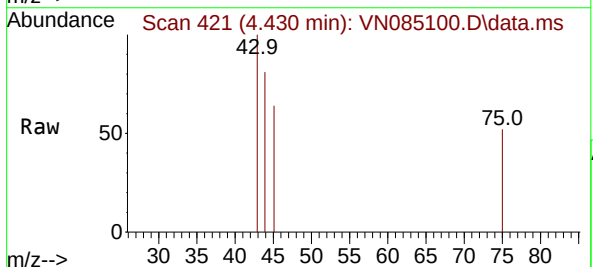
Instrument :
MSVOA_N
ClientSampleId :

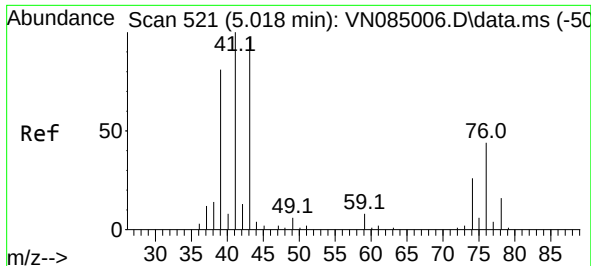
Tgt Ion: 94 Resp: 249
Ion Ratio Lower Upper
94 100
96 129.4 78.7 118.1#



#16
Acetone
Concen: 0.877 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN085100.D
Acq: 04 Dec 2024 17:37

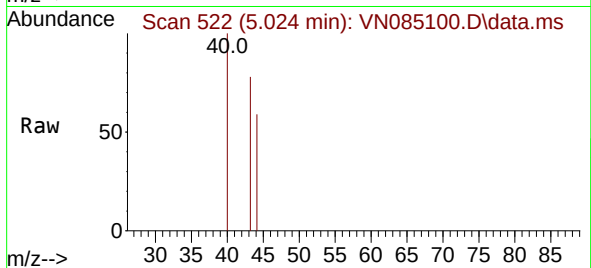
Tgt Ion: 43 Resp: 541
Ion Ratio Lower Upper
43 100
58 0.0 25.4 38.2#



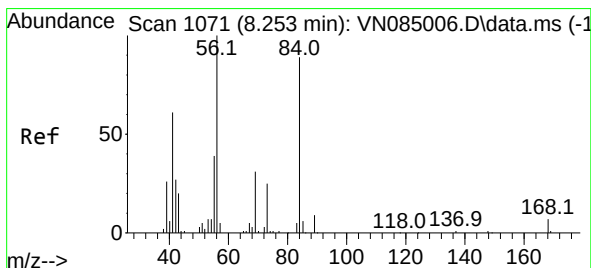
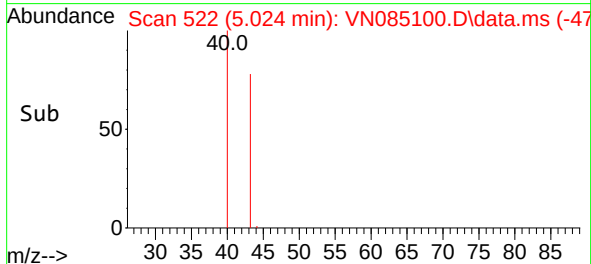
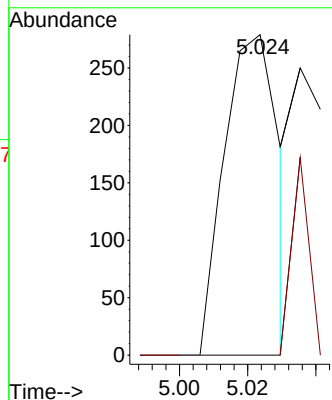


#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN085100.D
Acq: 04 Dec 2024 17:37

Instrument :
MSVOA_N
ClientSampleId :

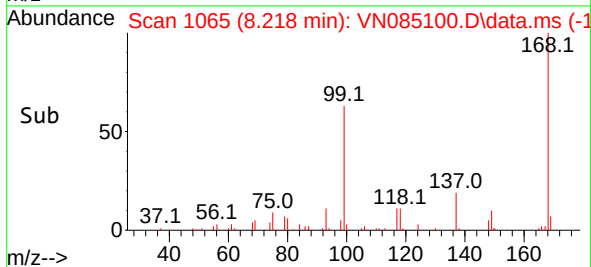
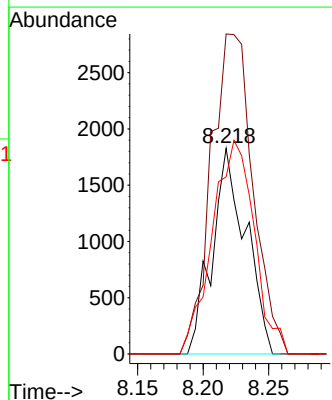
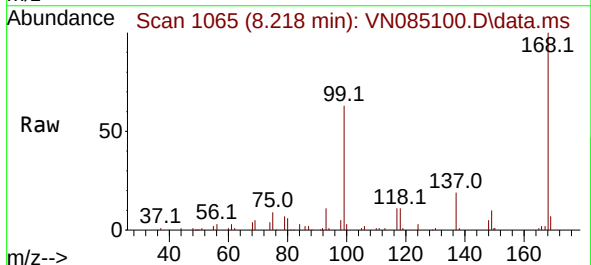


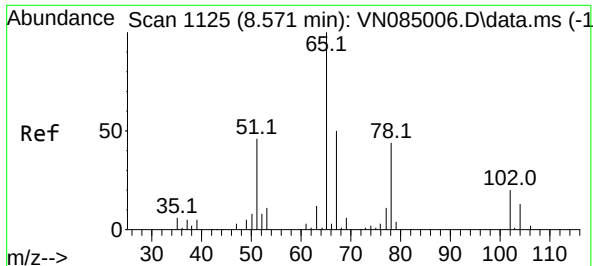
Tgt Ion: 43 Resp: 309
Ion Ratio Lower Upper
43 100
74 19.7 20.1 30.1#



#31
Cyclohexane
Concen: 1.164 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.036 min
Lab File: VN085100.D
Acq: 04 Dec 2024 17:37

Tgt Ion: 56 Resp: 3285
Ion Ratio Lower Upper
56 100
69 155.6 24.6 36.8#
84 86.1 71.4 107.2





#33

1,2-Dichloroethane-d4

Concen: 52.508 ug/l

RT: 8.576 min Scan# 1125

Delta R.T. 0.005 min

Lab File: VN085100.D

Acq: 04 Dec 2024 17:37

Instrument :

MSVOA_N

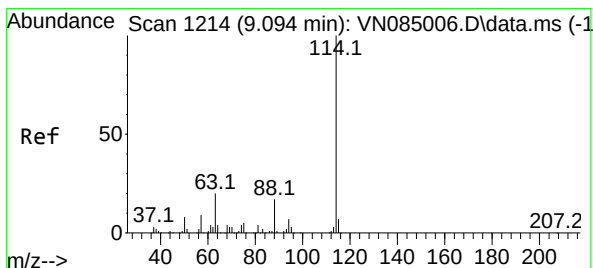
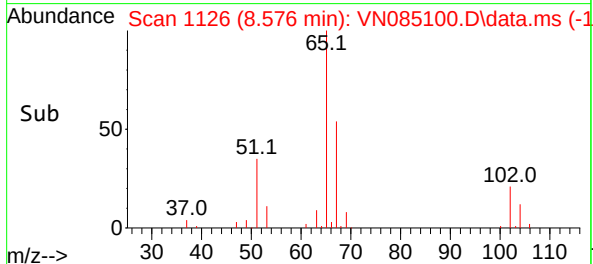
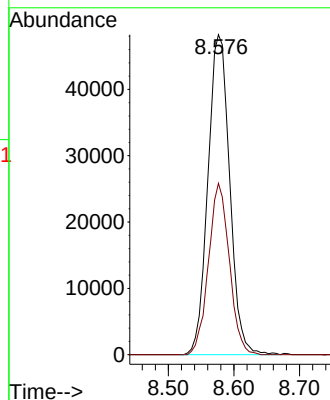
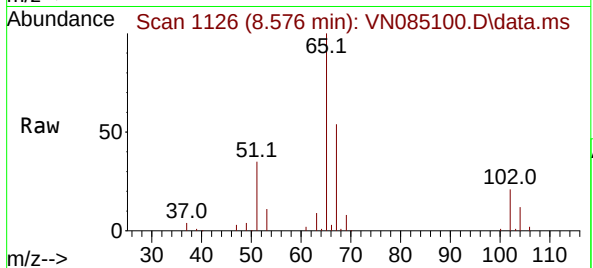
ClientSampleId :

Tgt Ion: 65 Resp: 111266

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. 0.005 min

Lab File: VN085100.D

Acq: 04 Dec 2024 17:37

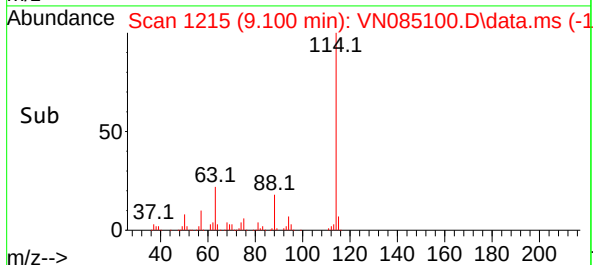
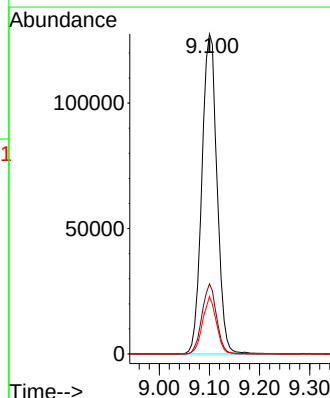
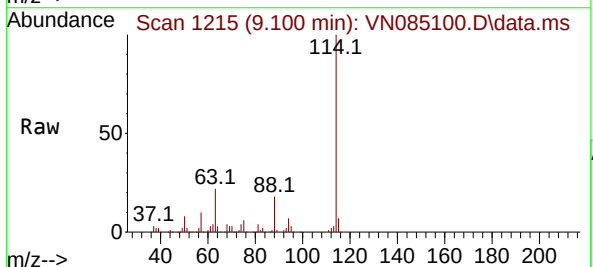
Tgt Ion: 114 Resp: 268302

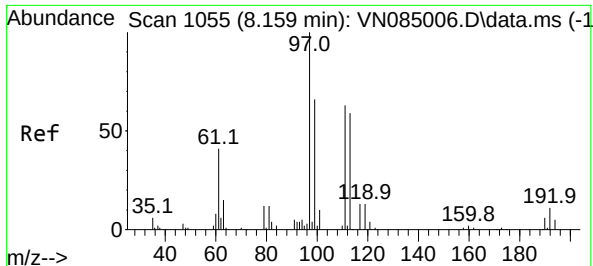
Ion Ratio Lower Upper

114 100

63 21.9 0.0 41.0

88 18.0 0.0 34.8





#35

Dibromofluoromethane

Concen: 50.111 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085100.D

Acq: 04 Dec 2024 17:37

Instrument :

MSVOA_N

ClientSampleId :

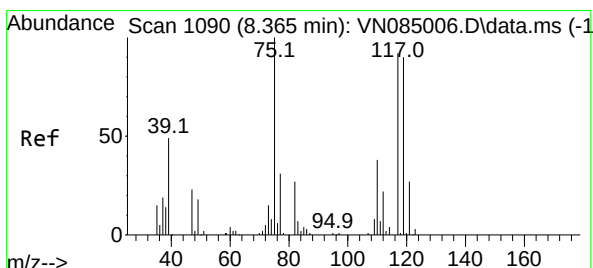
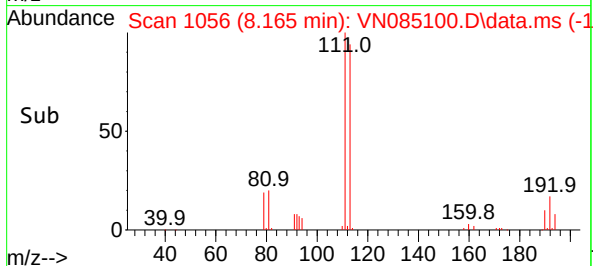
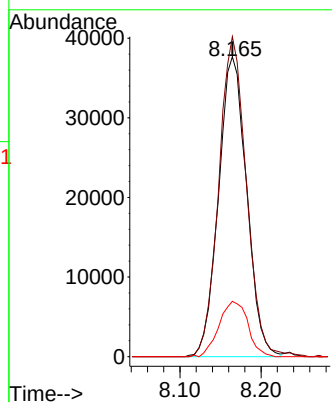
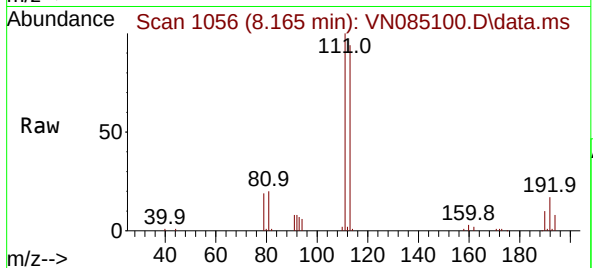
Tgt Ion:113 Resp: 90668

Ion Ratio Lower Upper

113 100

111 104.5 82.0 123.0

192 19.0 14.8 22.2



#36

1,1-Dichloropropene

Concen: 4.992 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN085100.D

Acq: 04 Dec 2024 17:37

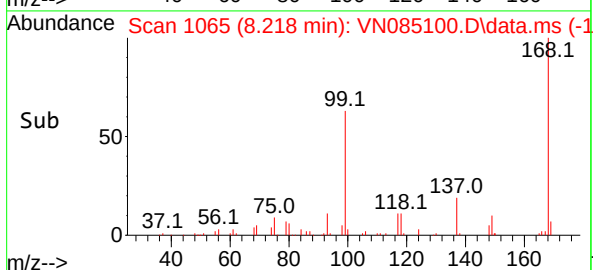
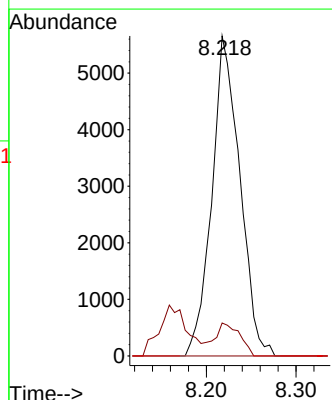
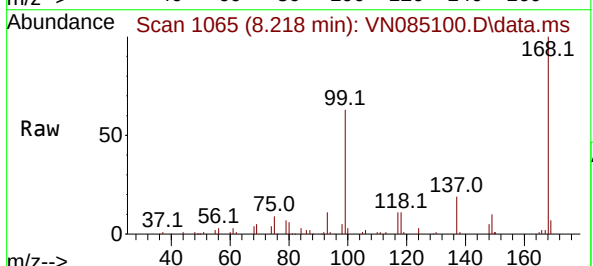
Tgt Ion: 75 Resp: 12234

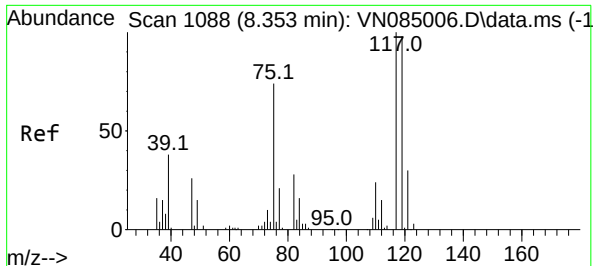
Ion Ratio Lower Upper

75 100

110 8.9 17.2 51.6#

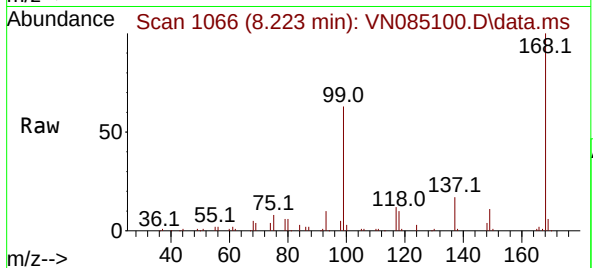
77 0.0 24.2 36.4#



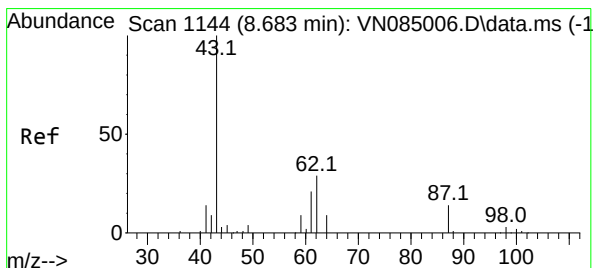
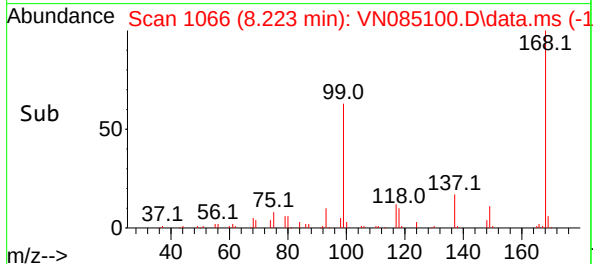
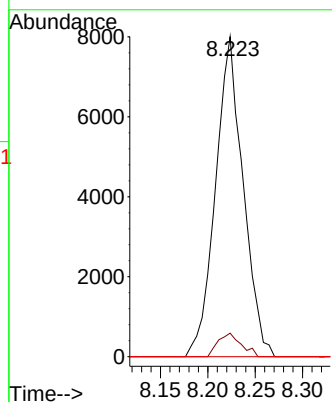


#38
Carbon Tetrachloride
Concen: 5.745 ug/l
RT: 8.223 min Scan# 1150
Delta R.T. -0.130 min
Lab File: VN085100.D
Acq: 04 Dec 2024 17:37

Instrument :
MSVOA_N
ClientSampleId :

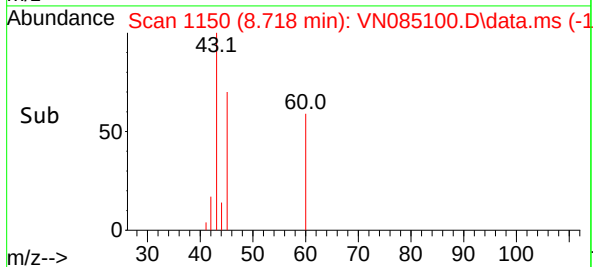
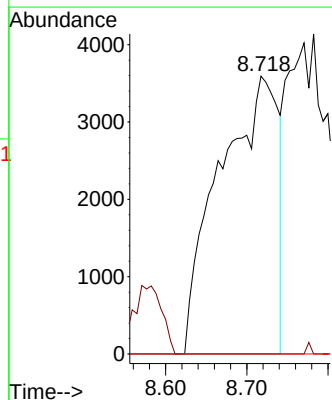
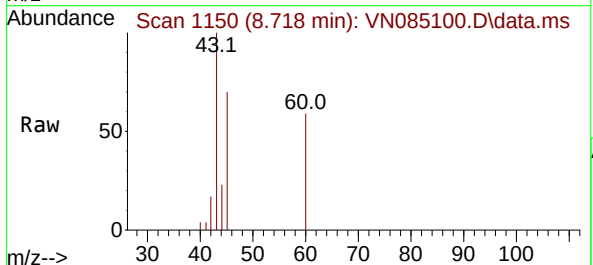


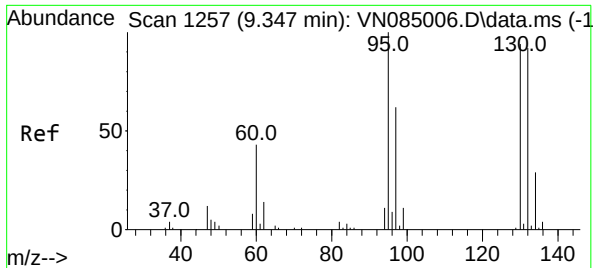
Tgt Ion:117 Resp: 16253
Ion Ratio Lower Upper
117 100
119 7.4 78.6 117.8#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 3.883 ug/l
RT: 8.718 min Scan# 1150
Delta R.T. 0.035 min
Lab File: VN085100.D
Acq: 04 Dec 2024 17:37

Tgt Ion: 43 Resp: 17968
Ion Ratio Lower Upper
43 100
61 0.0 20.6 30.8#
87 0.0 11.0 16.4#

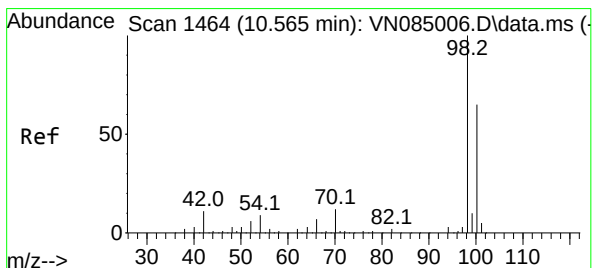
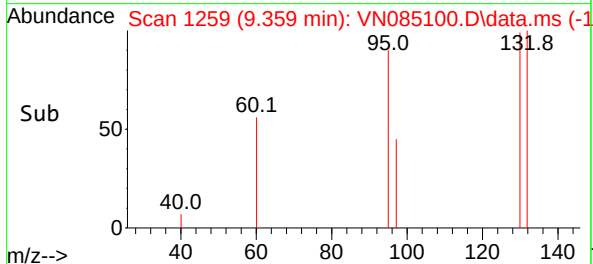
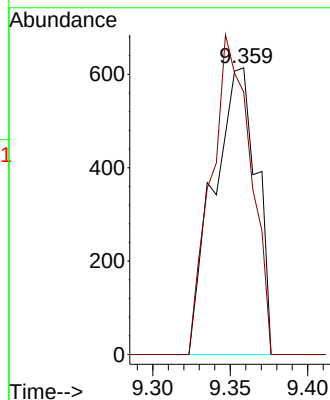
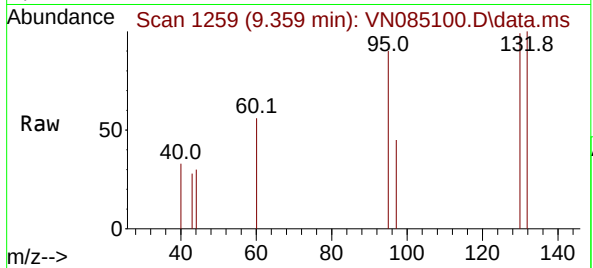




#44
Trichloroethene
Concen: 0.657 ug/l
RT: 9.359 min Scan# 1183
Delta R.T. 0.011 min
Lab File: VN085100.D
Acq: 04 Dec 2024 17:37

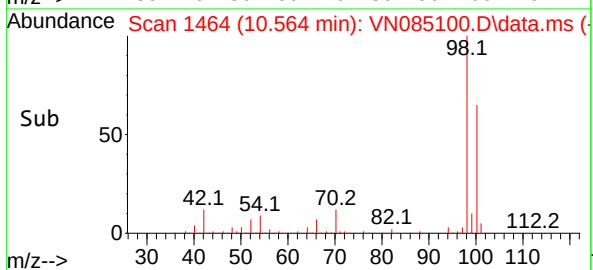
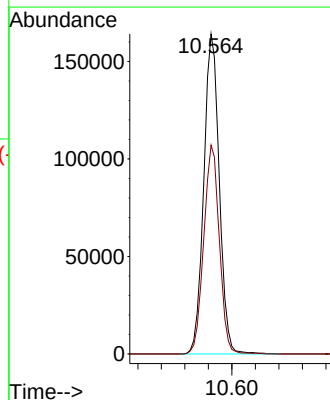
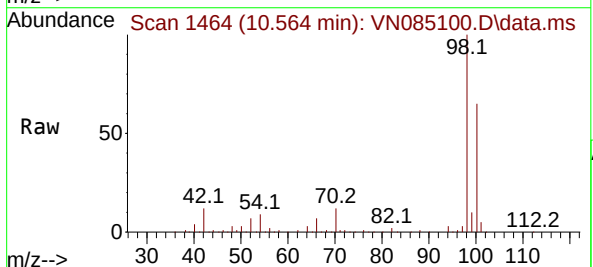
Instrument :
MSVOA_N
ClientSampleId :

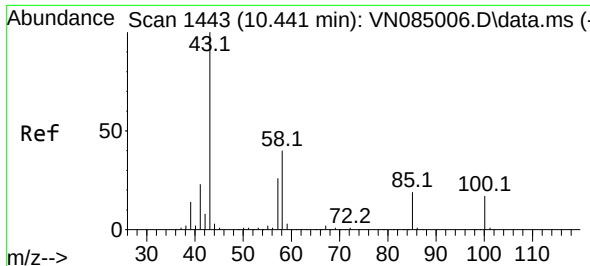
Tgt Ion:130 Resp: 1183
Ion Ratio Lower Upper
130 100
95 91.5 0.0 213.4



#50
Toluene-d8
Concen: 46.438 ug/l
RT: 10.564 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085100.D
Acq: 04 Dec 2024 17:37

Tgt Ion: 98 Resp: 301112
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7

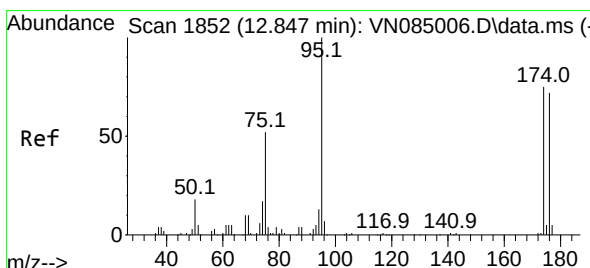
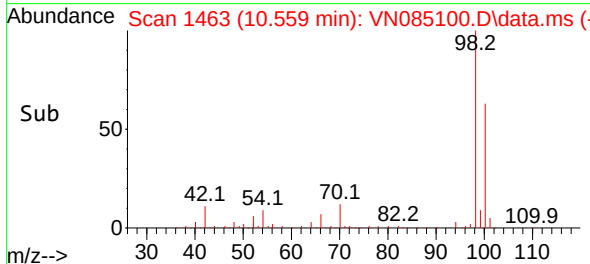
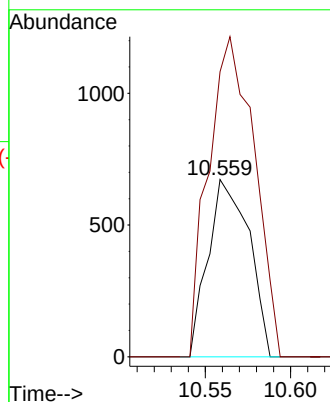
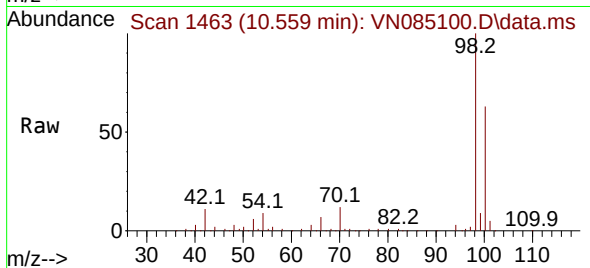




#51
4-Methyl-2-Pentanone
Concen: 0.533 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.117 min
Lab File: VN085100.D
Acq: 04 Dec 2024 17:37

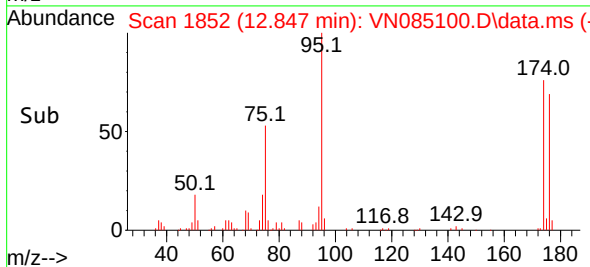
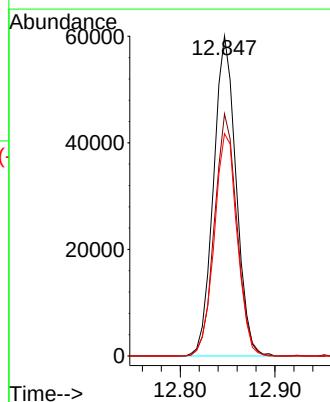
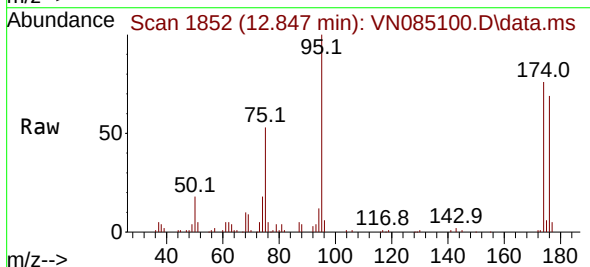
Instrument :
MSVOA_N
ClientSampleId :

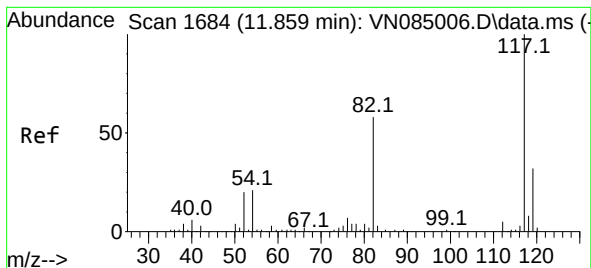
Tgt Ion: 43 Resp: 1126
Ion Ratio Lower Upper
43 100
58 202.0 32.1 48.1#



#62
4-Bromofluorobenzene
Concen: 40.943 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085100.D
Acq: 04 Dec 2024 17:37

Tgt Ion: 95 Resp: 99282
Ion Ratio Lower Upper
95 100
174 75.7 0.0 146.6
176 70.7 0.0 141.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.864 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN085100.D

Acq: 04 Dec 2024 17:37

Instrument :

MSVOA_N

ClientSampleId :

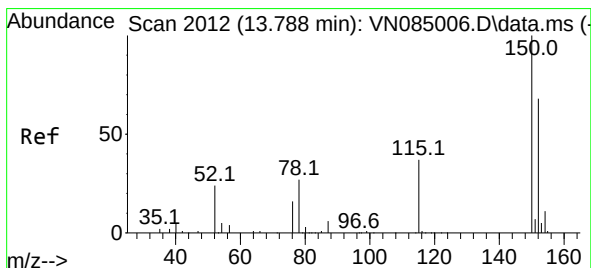
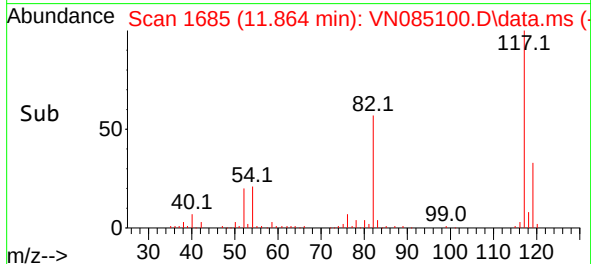
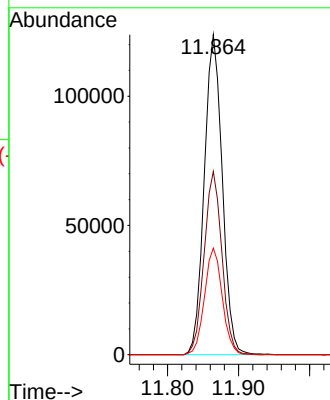
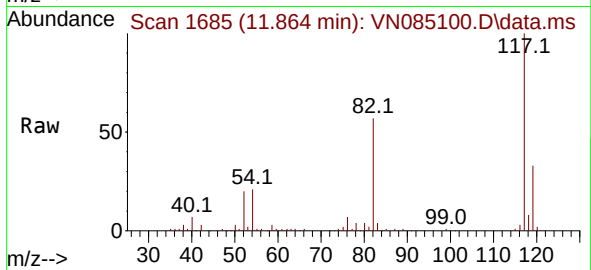
Tgt Ion:117 Resp: 218483

Ion Ratio Lower Upper

117 100

82 57.2 46.0 69.0

119 33.3 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: VN085100.D

Acq: 04 Dec 2024 17:37

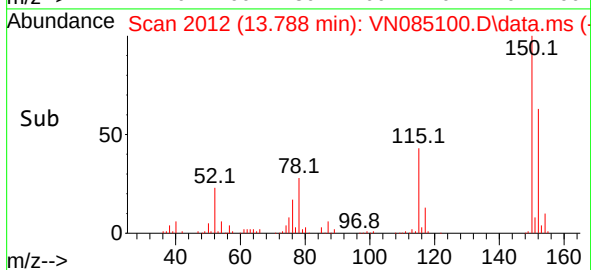
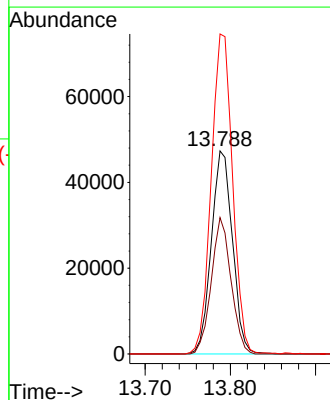
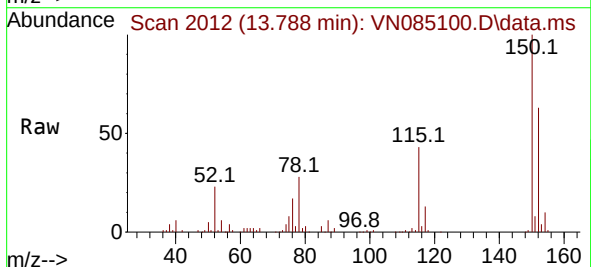
Tgt Ion:152 Resp: 81728

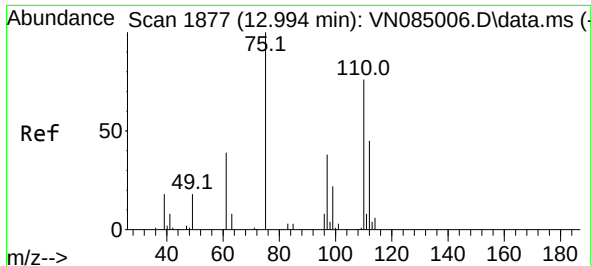
Ion Ratio Lower Upper

152 100

115 62.5 31.7 95.1

150 158.8 0.0 351.4

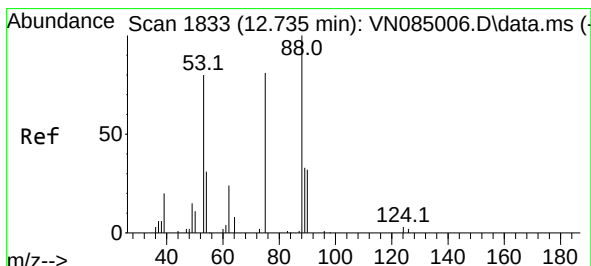
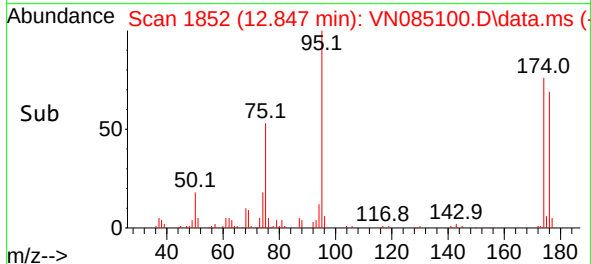
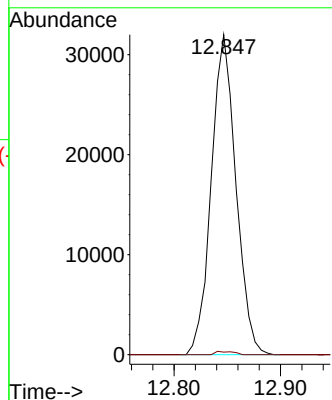
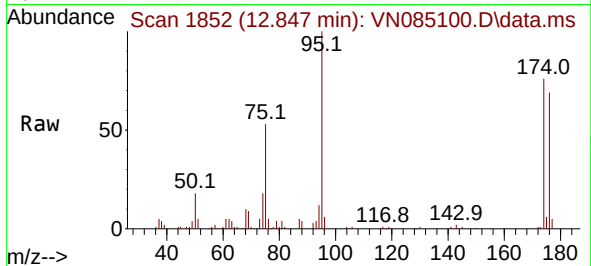




#76
1,2,3-Trichloropropane
Concen: 34.583 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN085100.D
Acq: 04 Dec 2024 17:37

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 51410
Ion Ratio Lower Upper
75 100
77 0.7 109.1 327.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.344 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.111 min
Lab File: VN085100.D
Acq: 04 Dec 2024 17:37

Tgt Ion: 75 Resp: 51410
Ion Ratio Lower Upper
75 100
53 0.0 78.2 117.4#
89 0.0 37.9 56.9#

