

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
 Data File : VN083586.D
 Acq On : 30 Aug 2024 19:33
 Operator : JC\MD
 Sample : P3777-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 31 02:44:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

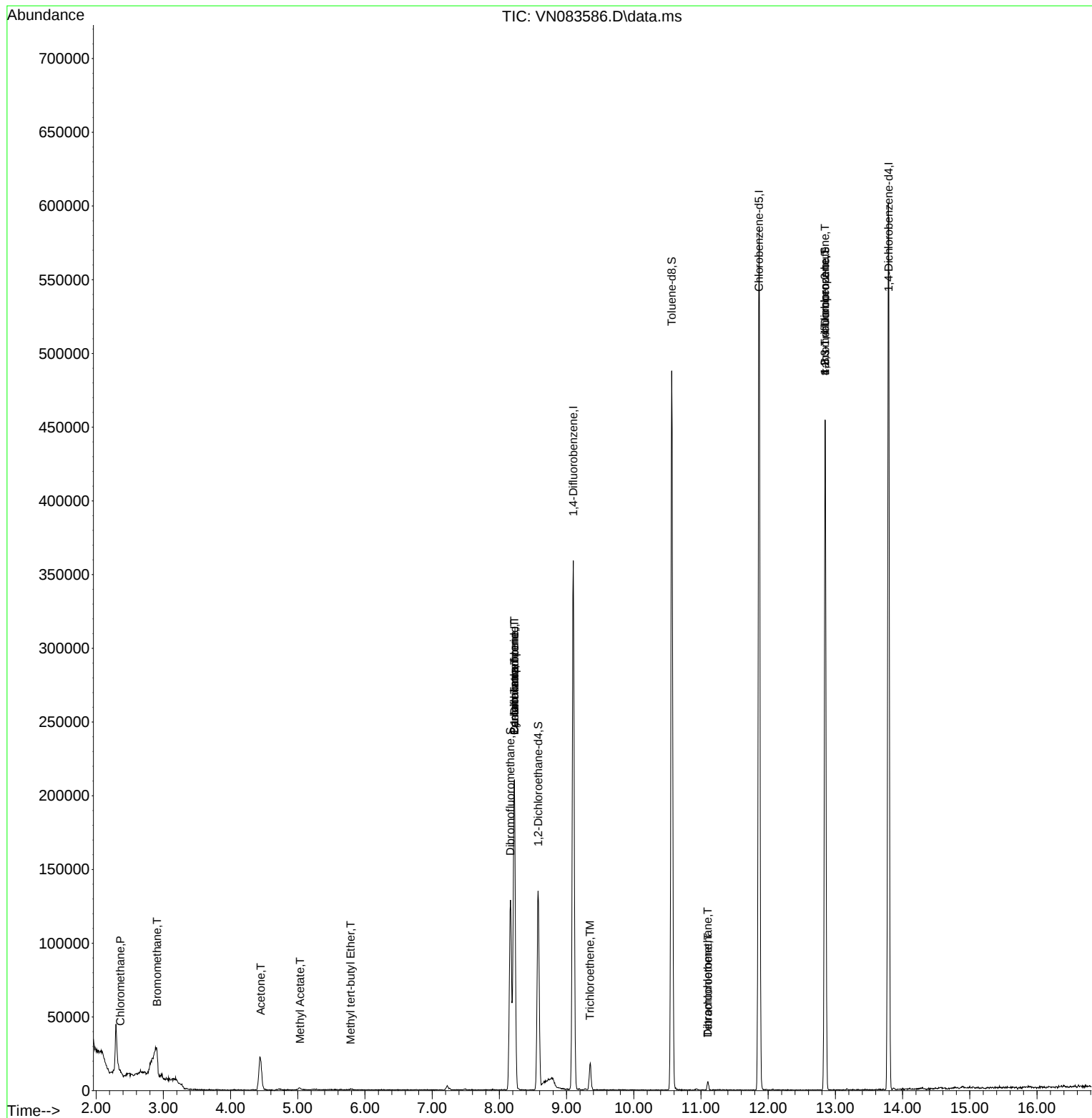
Internal Standards						
1) Pentafluorobenzene	8.224	168	147151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	299339	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	323266	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	153859	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114282	55.569	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.140%
35) Dibromofluoromethane	8.165	113	91816	50.962	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.920%
50) Toluene-d8	10.565	98	331111	47.206	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.420%
62) 4-Bromofluorobenzene	12.847	95	157873	60.743	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	121.480%#
Target Compounds						
						Qvalue
3) Chloromethane	2.359	50	951	0.524	ug/l	96
5) Bromomethane	2.906	94	205	0.215	ug/l	88
16) Acetone	4.448	43	1365	1.664	ug/l #	45
18) Methyl Acetate	5.036	43	2885	1.323	ug/l #	83
19) Methyl tert-butyl Ether	5.789	73	1168	0.204	ug/l #	55
31) Cyclohexane	8.224	56	3755	1.180	ug/l #	2
36) 1,1-Dichloropropene	8.224	75	13310	4.843	ug/l #	50
38) Carbon Tetrachloride	8.224	117	16052	5.120	ug/l #	18
43) Isopropyl Acetate	8.671	43	5298	Below Cal	#	57
44) Trichloroethene	9.347	130	5953	2.927	ug/l	91
60) Dibromochloromethane	11.100	129	1299	0.594	ug/l #	10
64) Tetrachloroethene	11.106	164	1390	0.654	ug/l #	76
76) 1,2,3-Trichloropropane	12.847	75	87310	28.107	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	87310	66.292	ug/l #	9

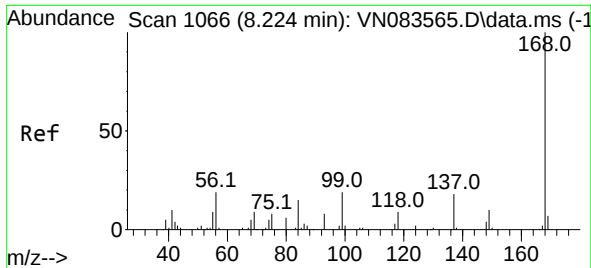
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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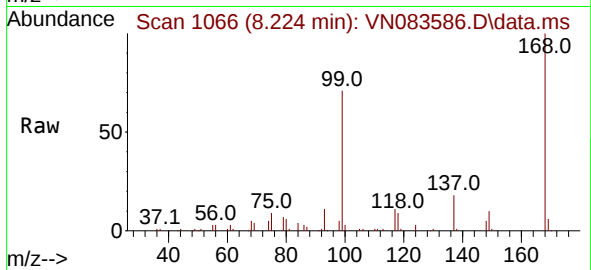
Quant Time: Aug 31 02:44:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 00:48:10 2024
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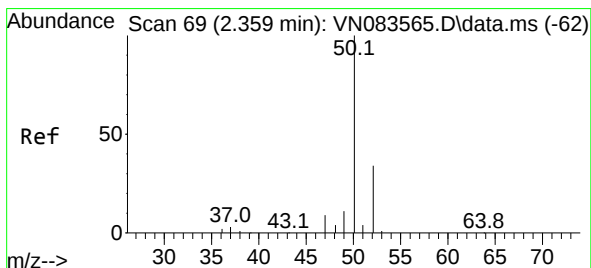
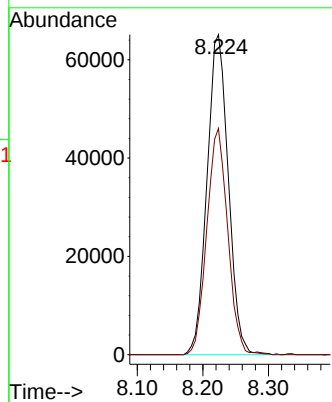
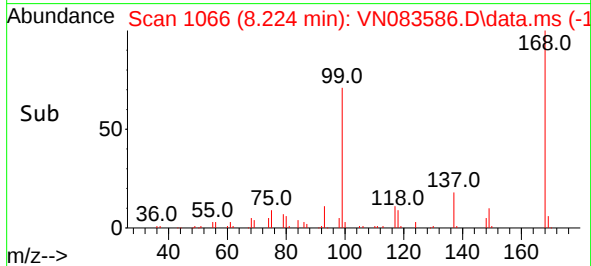


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083586.D
Acq: 30 Aug 2024 19:33

Instrument :
MSVOA_N
ClientSampleId :

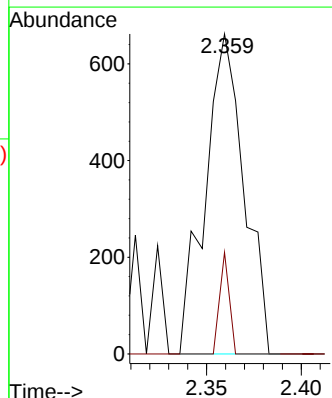
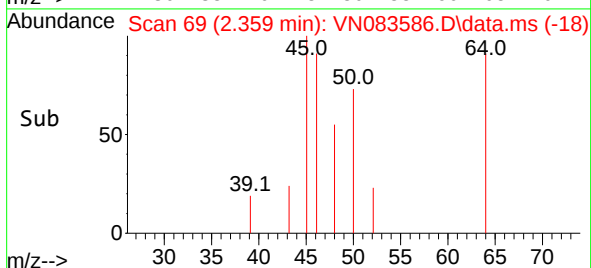
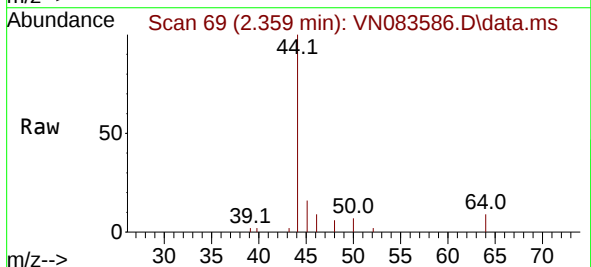


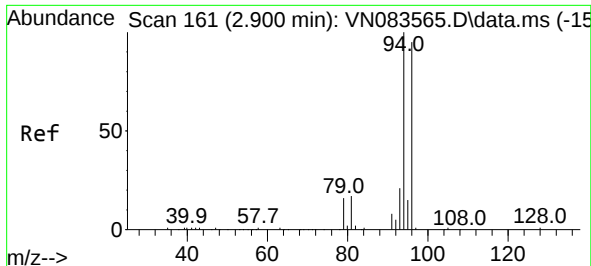
Tgt Ion:168 Resp: 147151
Ion Ratio Lower Upper
168 100
99 70.7 54.2 81.2



#3
Chloromethane
Concen: 0.524 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083586.D
Acq: 30 Aug 2024 19:33

Tgt Ion: 50 Resp: 951
Ion Ratio Lower Upper
50 100
52 31.7 27.2 40.8

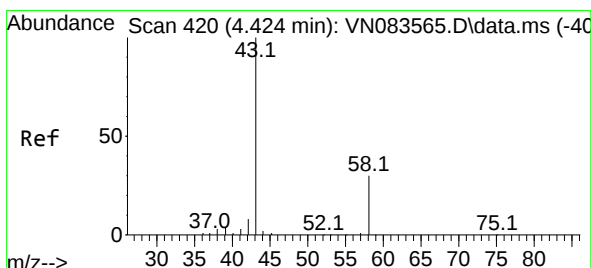
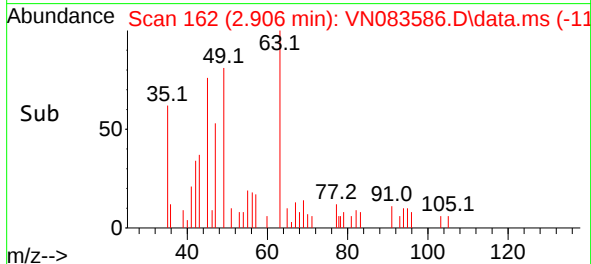
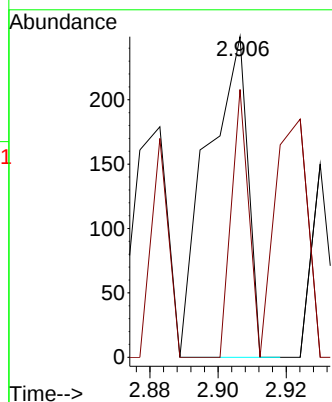
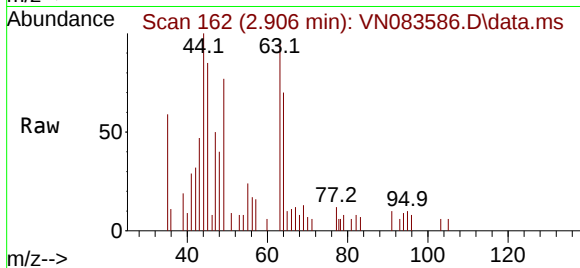




#5
Bromomethane
Concen: 0.215 ug/l
RT: 2.906 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083586.D
Acq: 30 Aug 2024 19:33

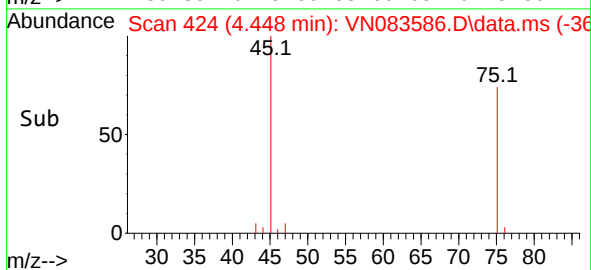
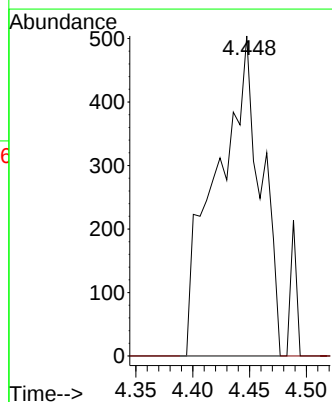
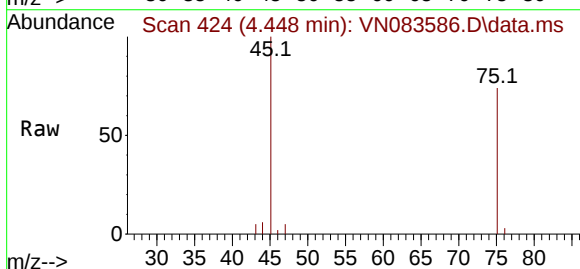
Instrument :
MSVOA_N
ClientSampleId :

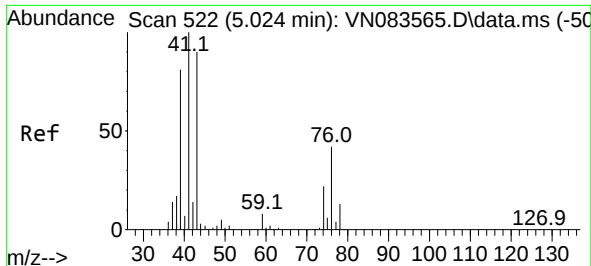
Tgt Ion: 94 Resp: 205
Ion Ratio Lower Upper
94 100
96 83.5 76.0 114.0



#16
Acetone
Concen: 1.664 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.024 min
Lab File: VN083586.D
Acq: 30 Aug 2024 19:33

Tgt Ion: 43 Resp: 1365
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#





#18

Methyl Acetate

Concen: 1.323 ug/l

RT: 5.036 min Scan# 51

Delta R.T. 0.012 min

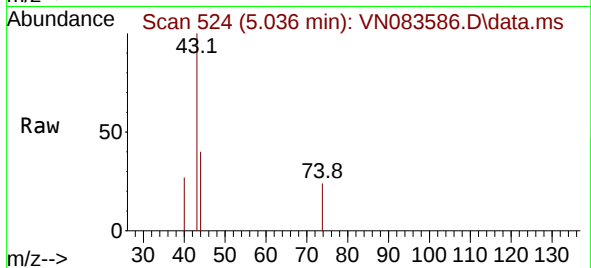
Lab File: VN083586.D

Acq: 30 Aug 2024 19:33

Instrument :

MSVOA_N

ClientSampleId :

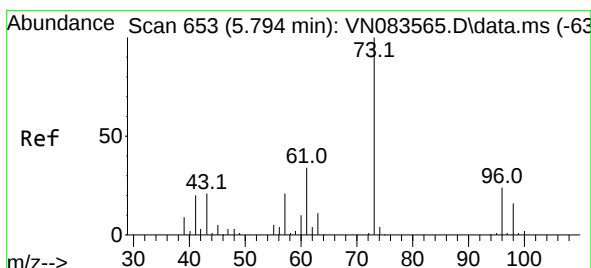
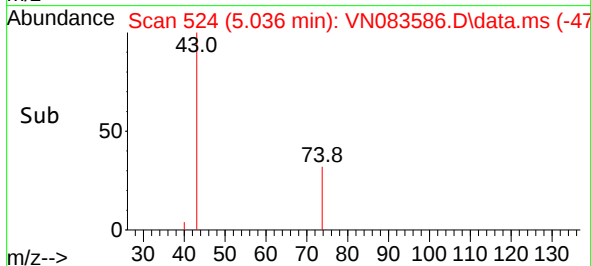
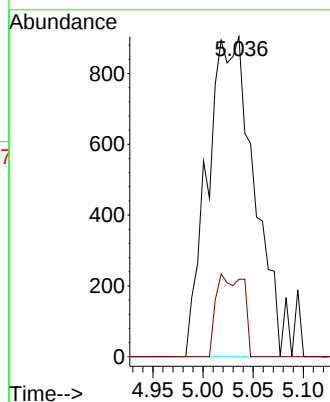


Tgt Ion: 43 Resp: 2885

Ion Ratio Lower Upper

43 100

74 15.2 19.0 28.4#



#19

Methyl tert-butyl Ether

Concen: 0.204 ug/l

RT: 5.789 min Scan# 652

Delta R.T. -0.006 min

Lab File: VN083586.D

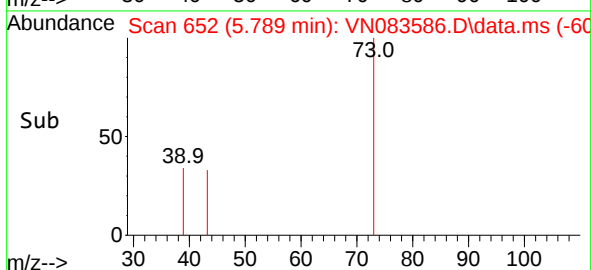
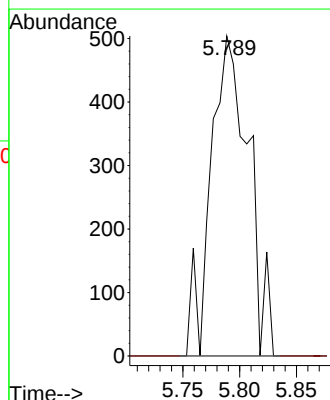
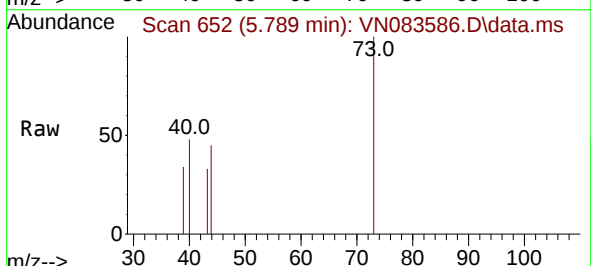
Acq: 30 Aug 2024 19:33

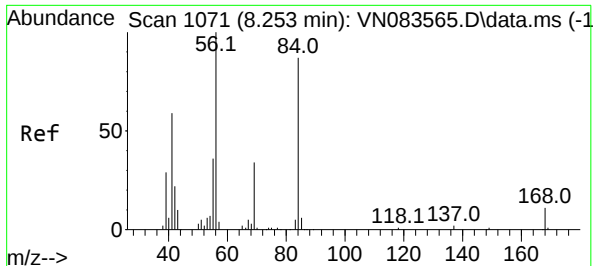
Tgt Ion: 73 Resp: 1168

Ion Ratio Lower Upper

73 100

57 0.0 17.0 25.6#





#31

Cyclohexane

Concen: 1.180 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.029 min

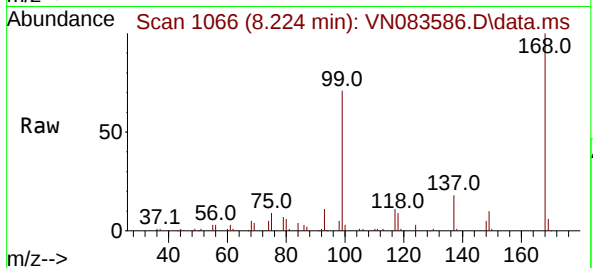
Lab File: VN083586.D

Acq: 30 Aug 2024 19:33

Instrument :

MSVOA_N

ClientSampleId :



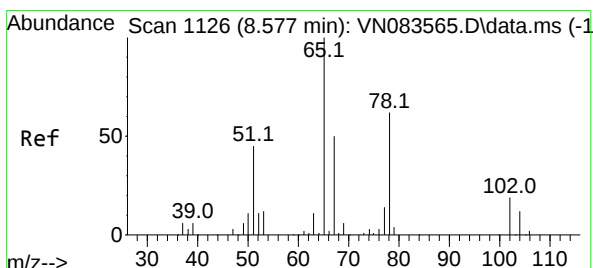
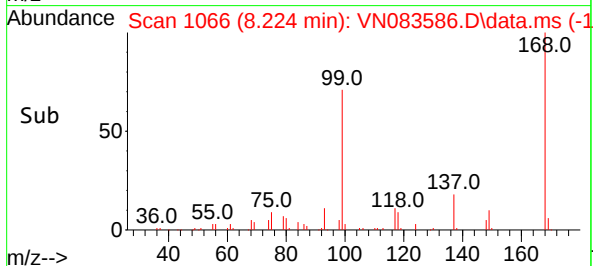
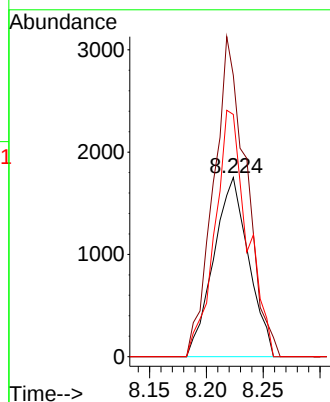
Tgt Ion: 56 Resp: 3755

Ion Ratio Lower Upper

56 100

69 156.9 26.9 40.3#

84 135.1 69.2 103.8#



#33

1,2-Dichloroethane-d4

Concen: 55.569 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083586.D

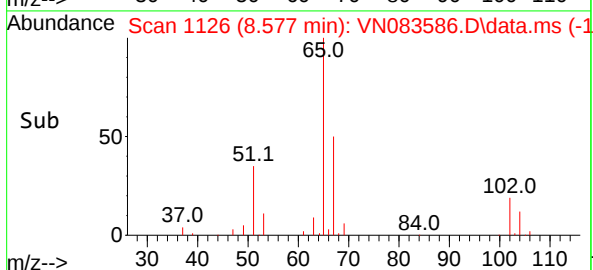
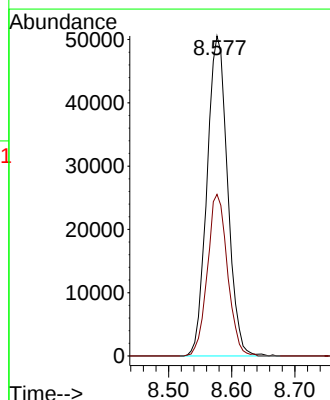
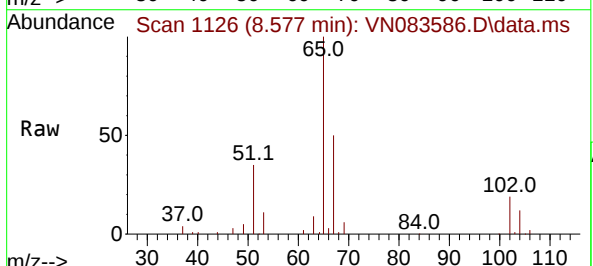
Acq: 30 Aug 2024 19:33

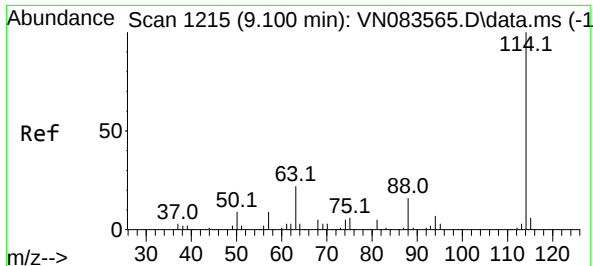
Tgt Ion: 65 Resp: 114282

Ion Ratio Lower Upper

65 100

67 49.3 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083586.D

Acq: 30 Aug 2024 19:33

Instrument :

MSVOA_N

ClientSampleId :

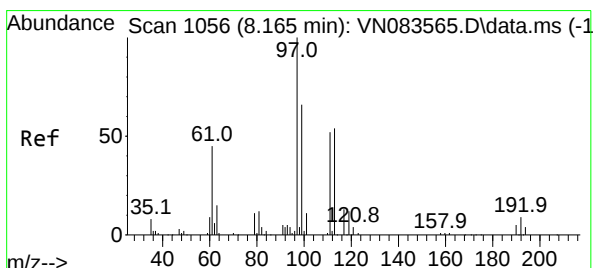
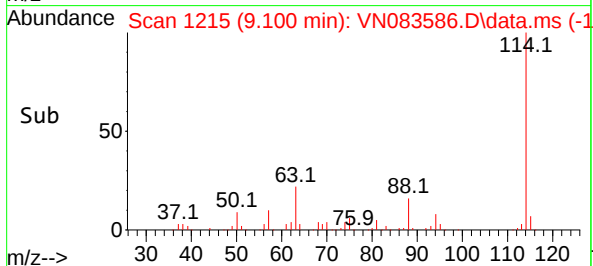
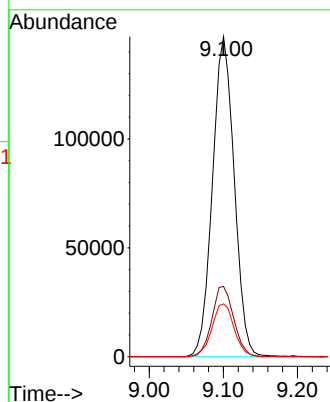
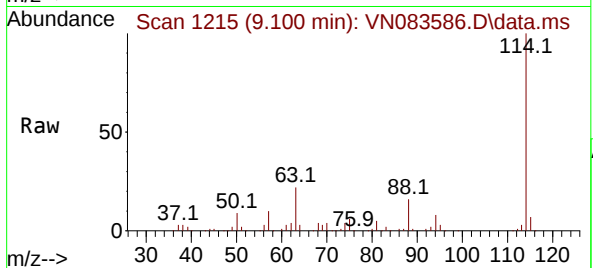
Tgt Ion:114 Resp: 299339

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.4

88 16.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.962 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083586.D

Acq: 30 Aug 2024 19:33

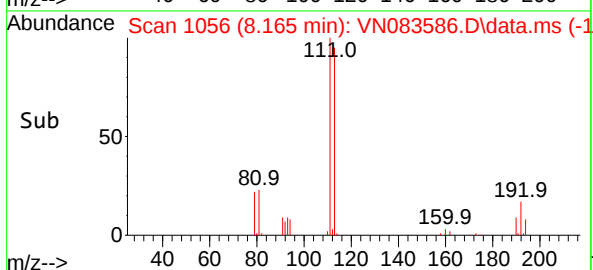
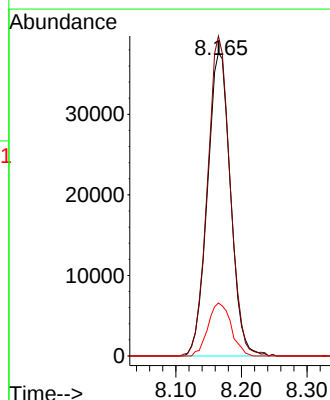
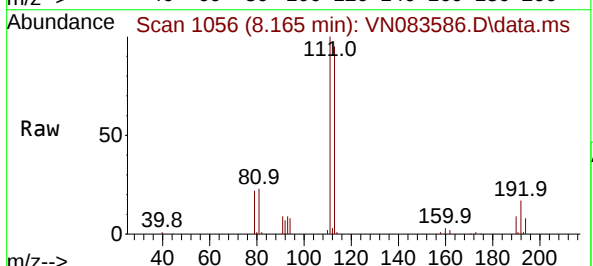
Tgt Ion:113 Resp: 91816

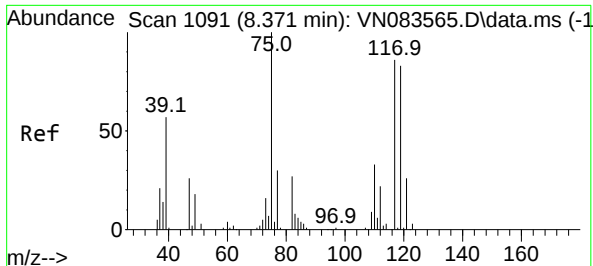
Ion Ratio Lower Upper

113 100

111 103.6 82.6 124.0

192 17.5 14.3 21.5





#36

1,1-Dichloropropene

Concen: 4.843 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083586.D

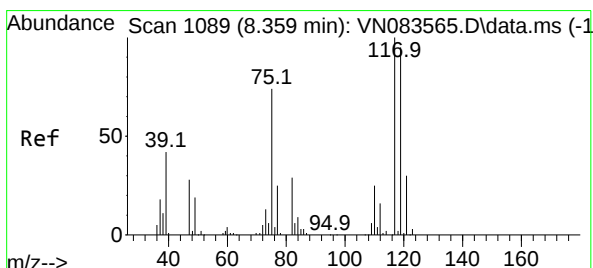
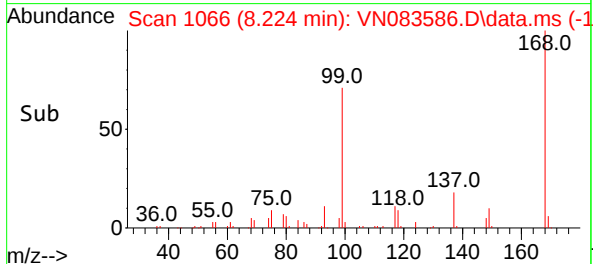
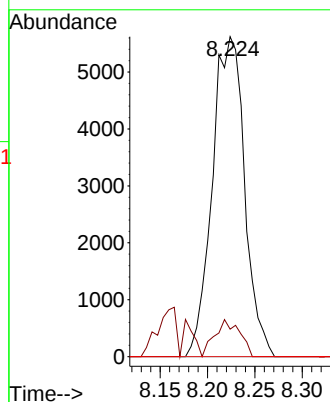
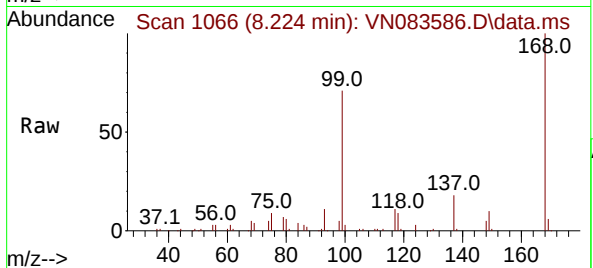
Acq: 30 Aug 2024 19:33

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 75	Resp: 13310
Ion Ratio	Lower Upper
75	100
110	8.9 16.7 50.1#
77	0.0 25.2 37.8#



#38

Carbon Tetrachloride

Concen: 5.120 ug/l

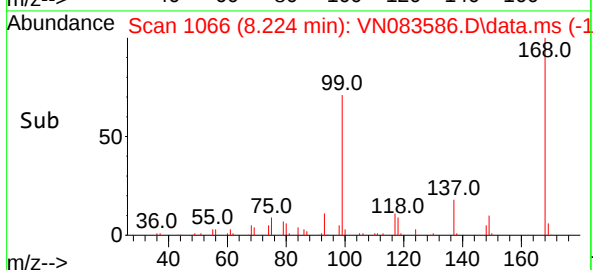
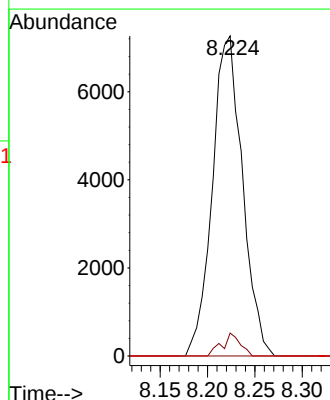
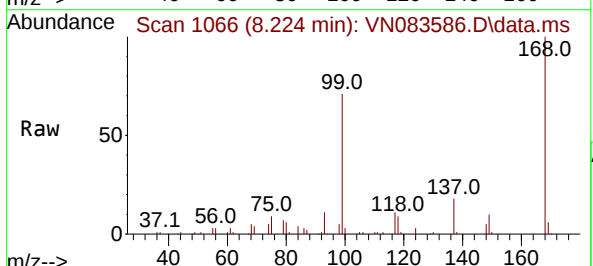
RT: 8.224 min Scan# 1066

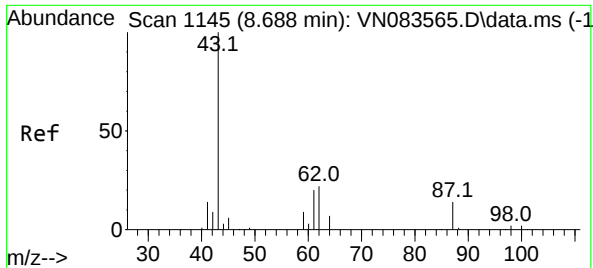
Delta R.T. -0.135 min

Lab File: VN083586.D

Acq: 30 Aug 2024 19:33

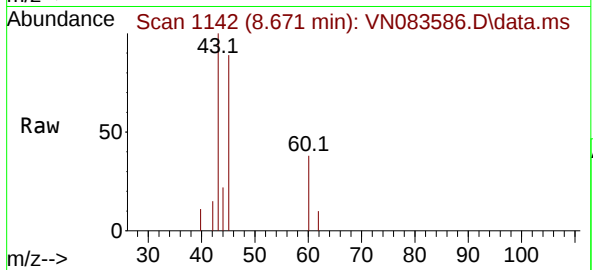
Tgt Ion: 117	Resp: 16052
Ion Ratio	Lower Upper
117	100
119	7.1 76.1 114.1#
121	0.0 24.1 36.1#



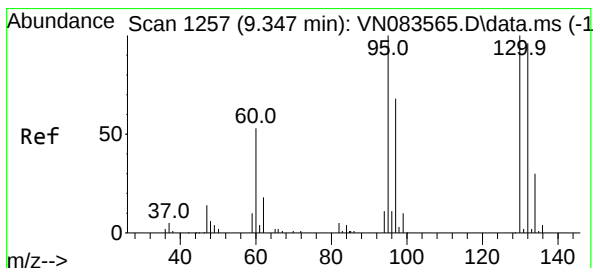
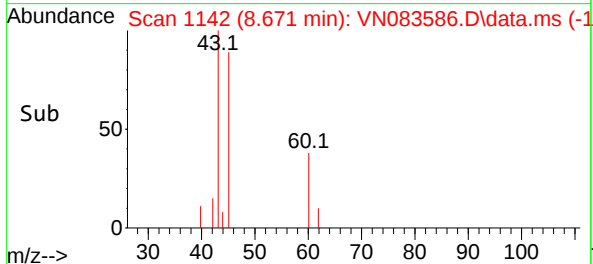
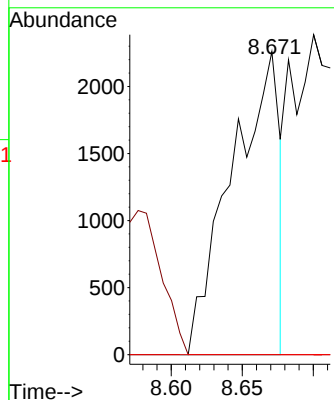


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.671 min Scan# 1142
Delta R.T. -0.017 min
Lab File: VN083586.D
Acq: 30 Aug 2024 19:33

Instrument :
MSVOA_N
ClientSampleId :

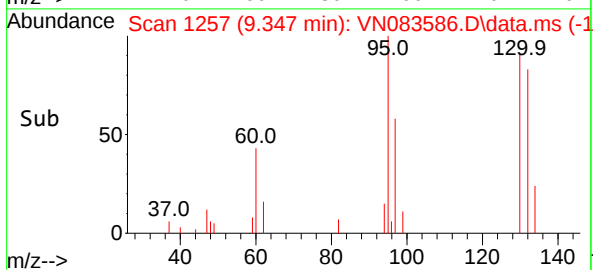
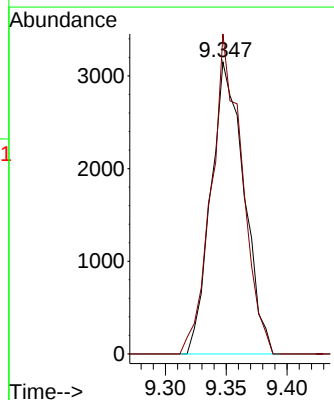
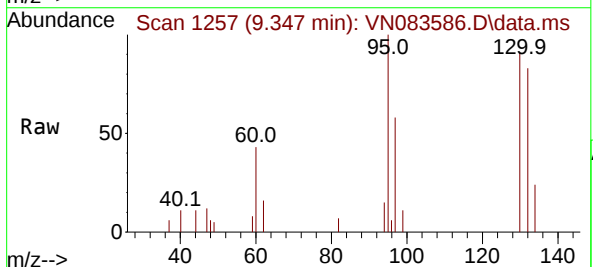


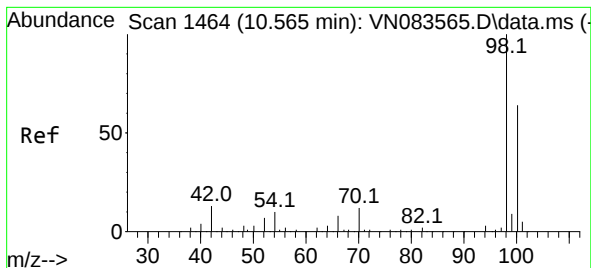
Tgt Ion: 43 Resp: 5298
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#



#44
Trichloroethene
Concen: 2.927 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN083586.D
Acq: 30 Aug 2024 19:33

Tgt Ion:130 Resp: 5953
Ion Ratio Lower Upper
130 100
95 109.7 0.0 200.4





#50

Toluene-d8

Concen: 47.206 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083586.D

Acq: 30 Aug 2024 19:33

Instrument :

MSVOA_N

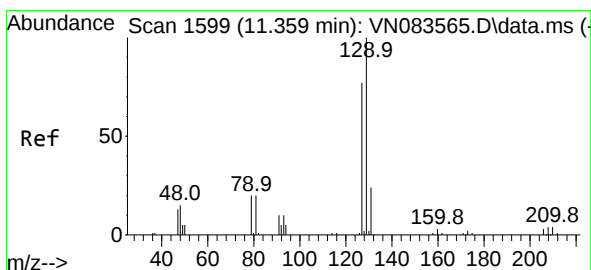
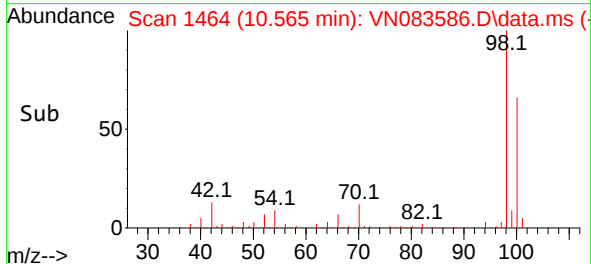
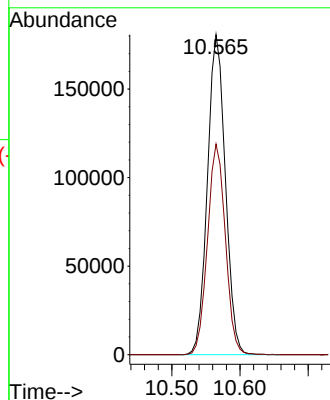
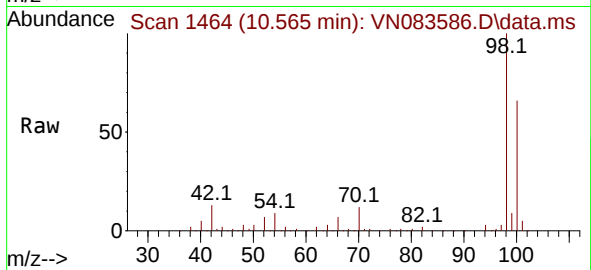
ClientSampleId :

Tgt Ion: 98 Resp: 331111

Ion Ratio Lower Upper

98 100

100 65.5 52.0 78.0



#60

Dibromochloromethane

Concen: 0.594 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.259 min

Lab File: VN083586.D

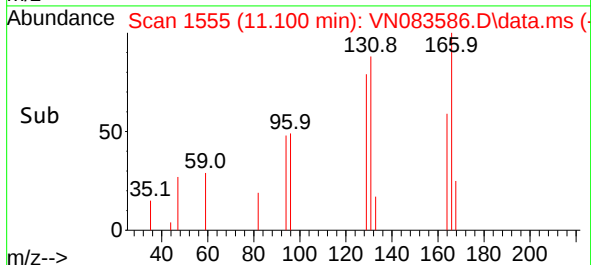
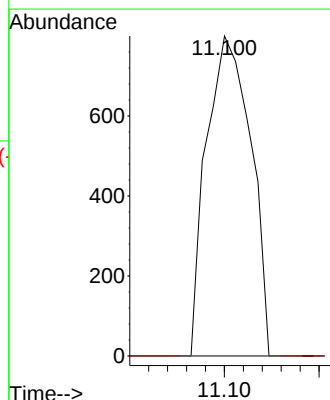
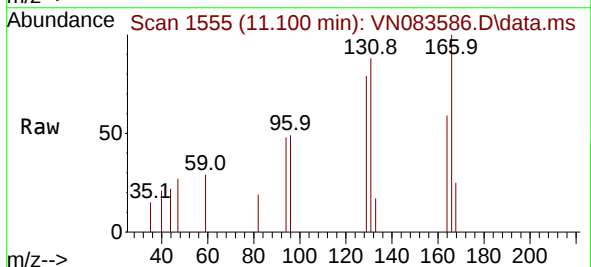
Acq: 30 Aug 2024 19:33

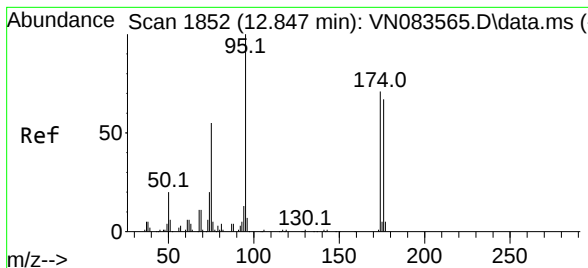
Tgt Ion:129 Resp: 1299

Ion Ratio Lower Upper

129 100

127 0.0 39.0 116.9#

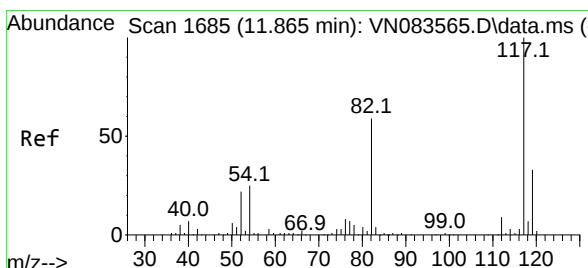
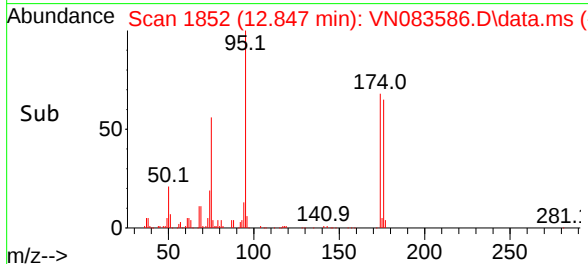
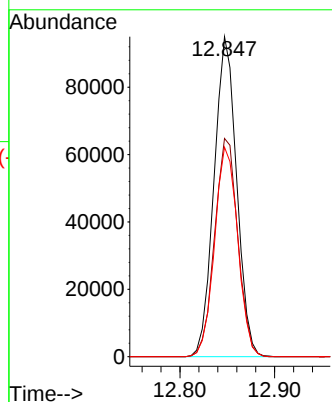
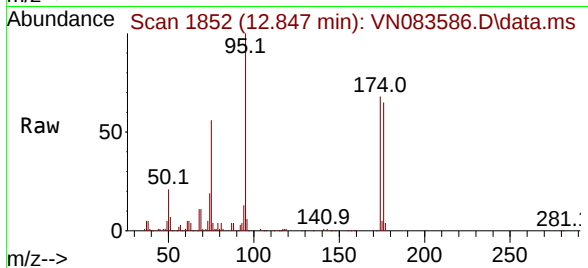




#62
4-Bromofluorobenzene
Concen: 60.743 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083586.D
Acq: 30 Aug 2024 19:33

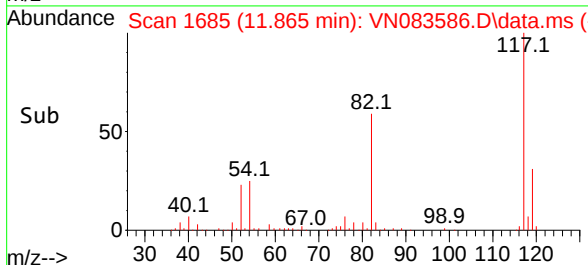
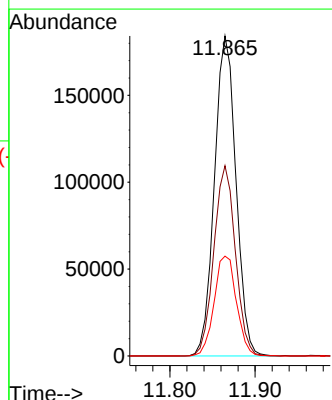
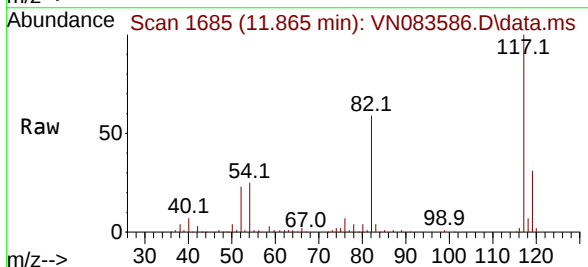
Instrument :
MSVOA_N
ClientSampleId :

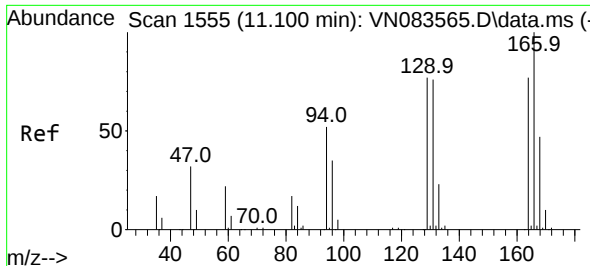
Tgt Ion: 95 Resp: 157873
Ion Ratio Lower Upper
95 100
174 70.0 0.0 139.8
176 67.0 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083586.D
Acq: 30 Aug 2024 19:33

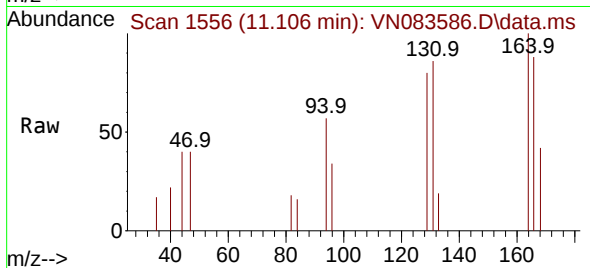
Tgt Ion: 117 Resp: 323266
Ion Ratio Lower Upper
117 100
82 59.5 47.4 71.0
119 31.2 26.3 39.5



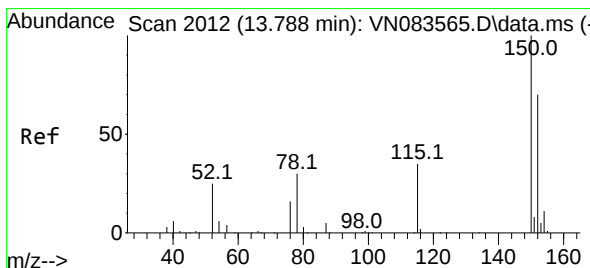
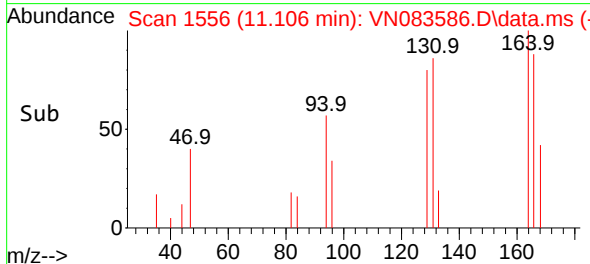
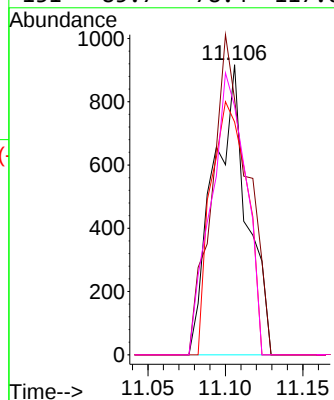


#64
Tetrachloroethene
Concen: 0.654 ug/l
RT: 11.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083586.D
Acq: 30 Aug 2024 19:33

Instrument :
MSVOA_N
ClientSampleId :

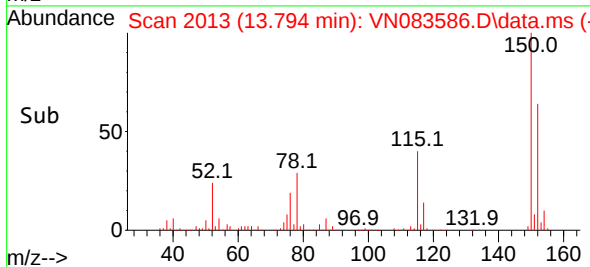
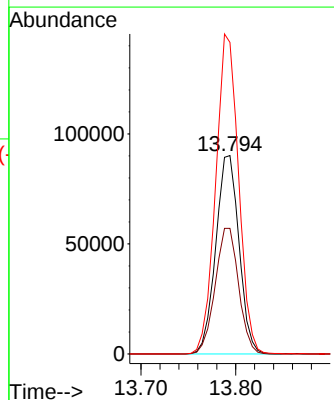
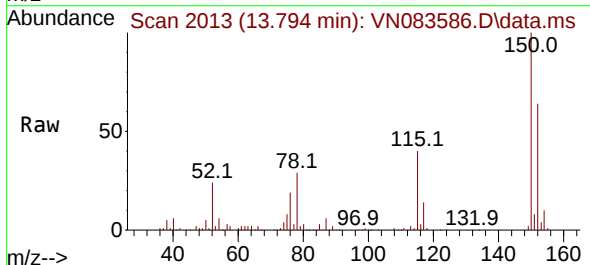


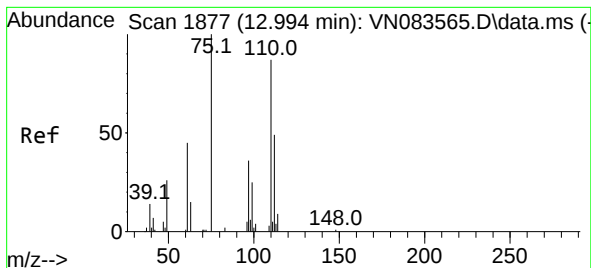
Tgt Ion:164 Resp: 1390
Ion Ratio Lower Upper
164 100
166 88.0 103.7 155.5#
129 80.3 79.9 119.9
131 85.7 78.4 117.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN083586.D
Acq: 30 Aug 2024 19:33

Tgt Ion:152 Resp: 153859
Ion Ratio Lower Upper
152 100
115 64.0 32.2 96.6
150 158.5 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 28.107 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083586.D

Acq: 30 Aug 2024 19:33

Instrument :

MSVOA_N

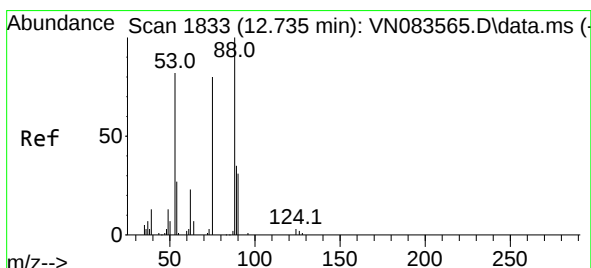
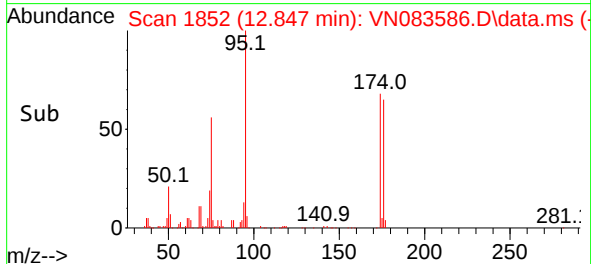
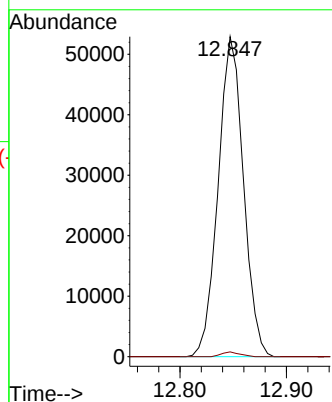
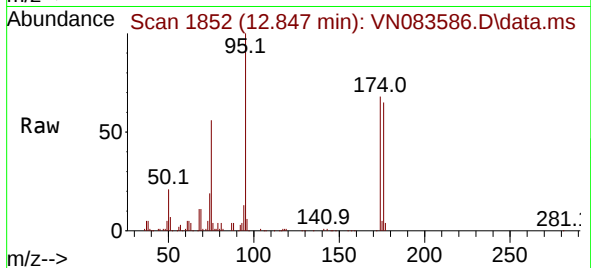
ClientSampleId :

Tgt Ion: 75 Resp: 87310

Ion Ratio Lower Upper

75 100

77 1.1 95.2 285.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 66.292 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN083586.D

Acq: 30 Aug 2024 19:33

Tgt Ion: 75 Resp: 87310

Ion Ratio Lower Upper

75 100

53 0.0 81.2 121.8#

89 0.0 35.7 53.5#

