

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083953.D
 Acq On : 17 Sep 2024 18:17
 Operator : JC\MD
 Sample : P4003-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 18 01:53:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

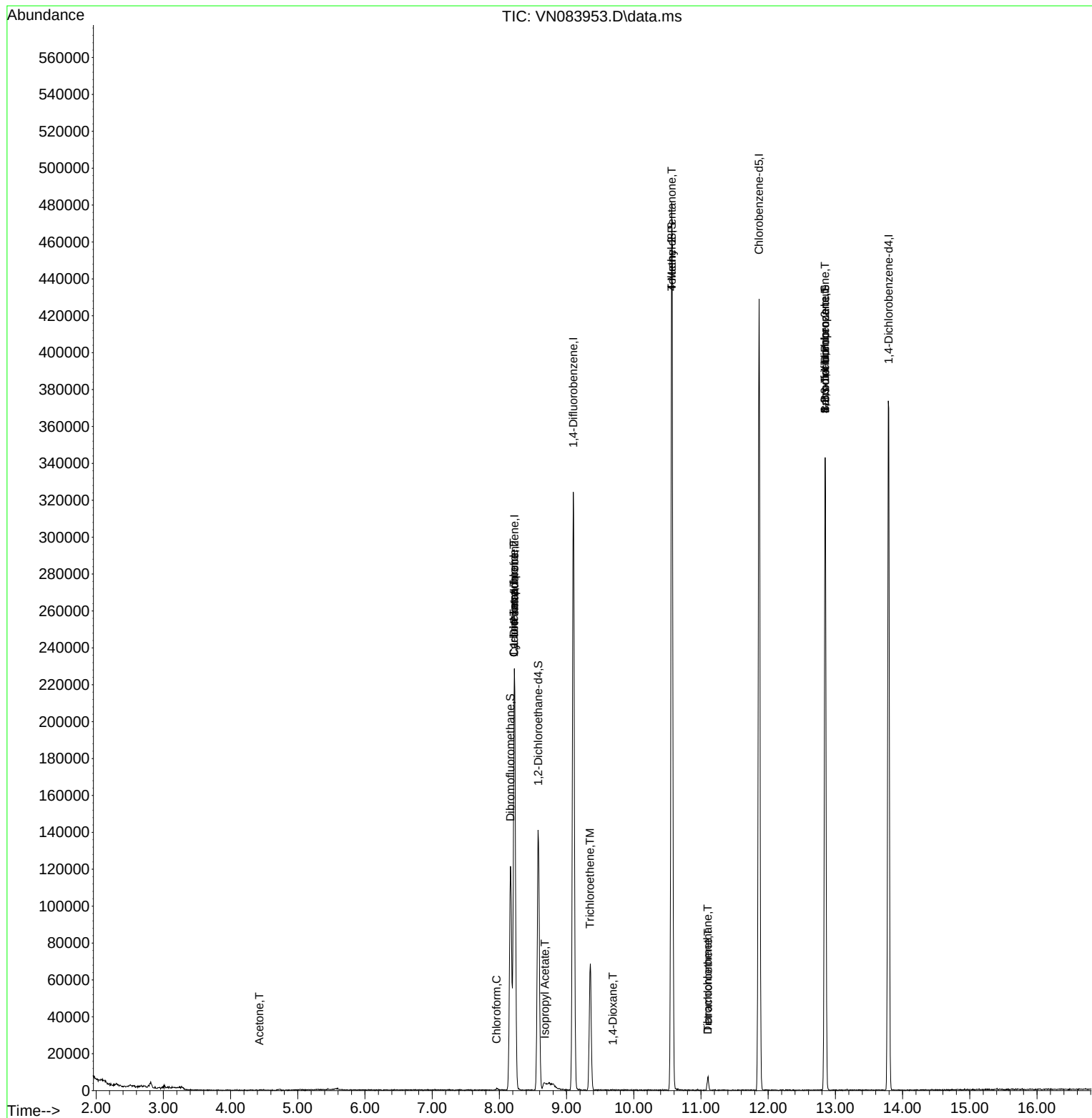
Internal Standards						
1) Pentafluorobenzene	8.224	168	152800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	263641	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	225611	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	95905	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	118916	51.613	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 103.220%		
35) Dibromofluoromethane	8.165	113	84530	50.083	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.160%		
50) Toluene-d8	10.565	98	319698	54.792	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 109.580%		
62) 4-Bromofluorobenzene	12.847	95	114769	47.675	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 95.360%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	351	Below Cal	#	41
16) Acetone	4.430	43	251	0.272	ug/l #	45
18) Methyl Acetate	5.030	43	263	Below Cal	#	52
30) Chloroform	7.959	83	1033	0.279	ug/l #	79
31) Cyclohexane	8.218	56	4594	1.380	ug/l #	40
36) 1,1-Dichloropropene	8.218	75	14109	5.554	ug/l #	50
38) Carbon Tetrachloride	8.218	117	17944	6.226	ug/l #	15
43) Isopropyl Acetate	8.677	43	1404	0.336	ug/l #	57
44) Trichloroethene	9.347	130	24039	13.576	ug/l	98
49) 1,4-Dioxane	9.688	88	54	1.656	ug/l #	14
51) 4-Methyl-2-Pentanone	10.565	43	1652	0.726	ug/l #	1
60) Dibromochloromethane	11.100	129	1501	0.768	ug/l #	10
64) Tetrachloroethene	11.106	164	1431	0.954	ug/l	92
71) Bromoform	12.847	173	615	0.525	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	65311	33.749	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	65311	88.392	ug/l #	9

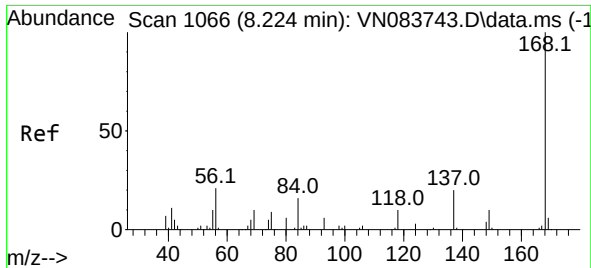
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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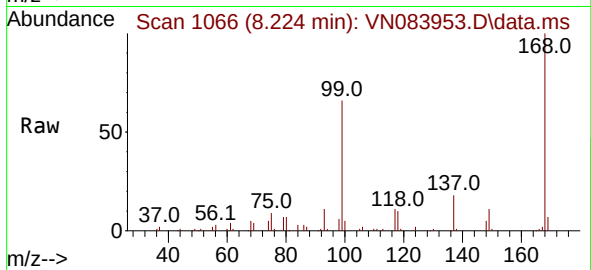
Quant Time: Sep 18 01:53:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



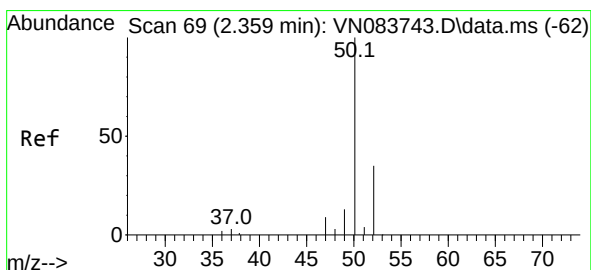
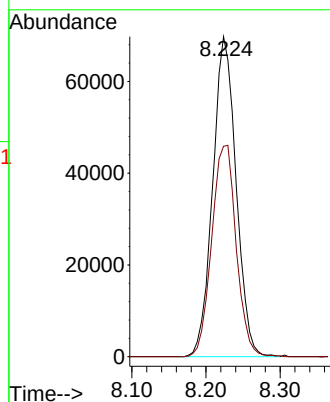
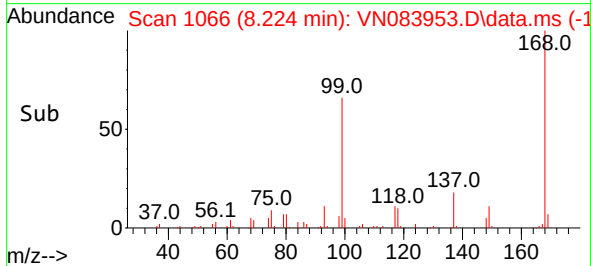


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083953.D
Acq: 17 Sep 2024 18:17

Instrument :
MSVOA_N
ClientSampleId :

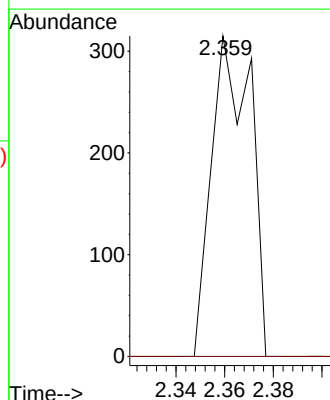
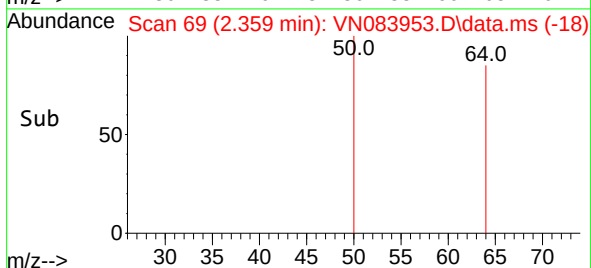
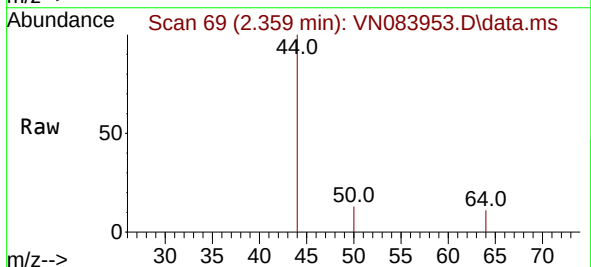


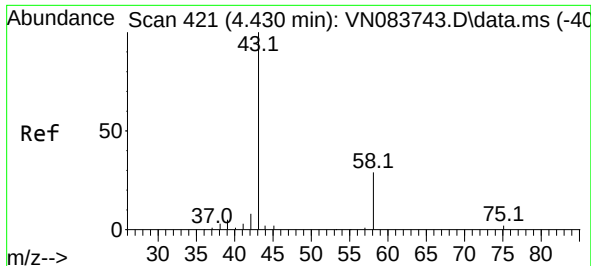
Tgt Ion:168 Resp: 152800
Ion Ratio Lower Upper
168 100
99 65.8 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083953.D
Acq: 17 Sep 2024 18:17

Tgt Ion: 50 Resp: 351
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#





#16

Acetone

Concen: 0.272 ug/l

RT: 4.430 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN083953.D

Acq: 17 Sep 2024 18:17

Instrument :

MSVOA_N

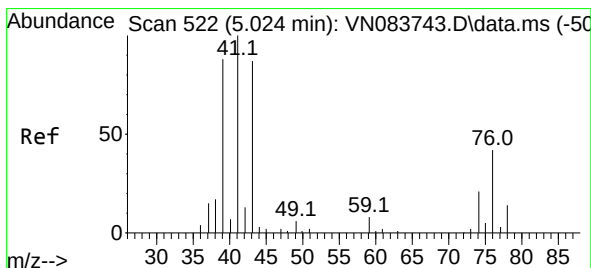
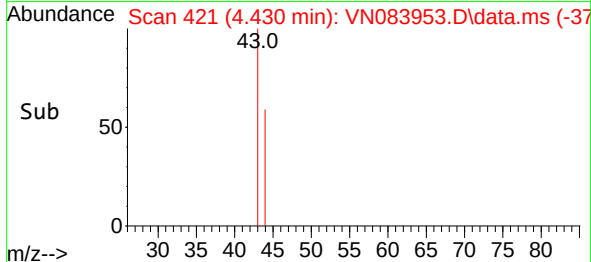
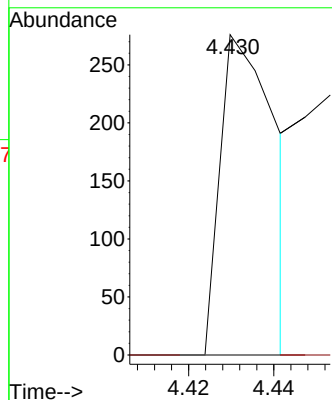
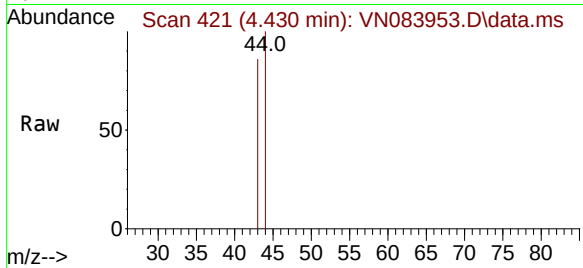
ClientSampleId :

Tgt Ion: 43 Resp: 251

Ion Ratio Lower Upper

43 100

58 0.0 23.7 35.5#



#18

Methyl Acetate

Concen: Below Cal

RT: 5.030 min Scan# 523

Delta R.T. 0.006 min

Lab File: VN083953.D

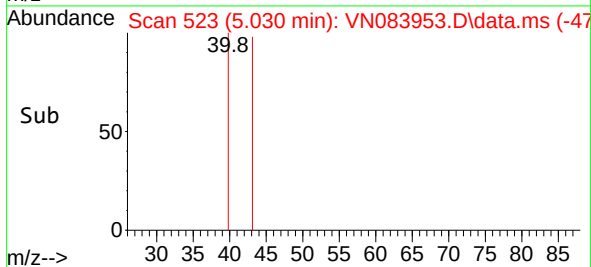
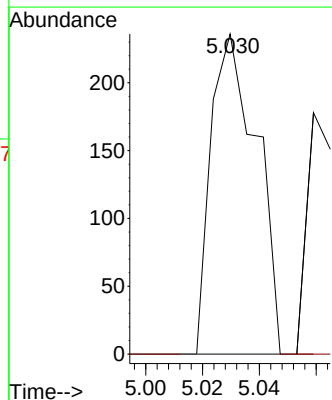
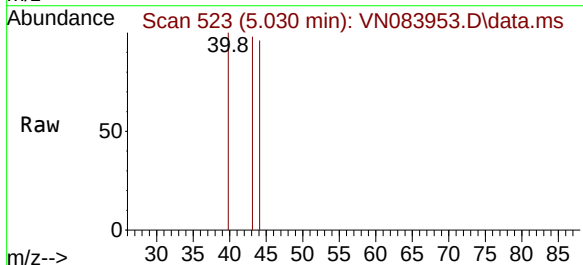
Acq: 17 Sep 2024 18:17

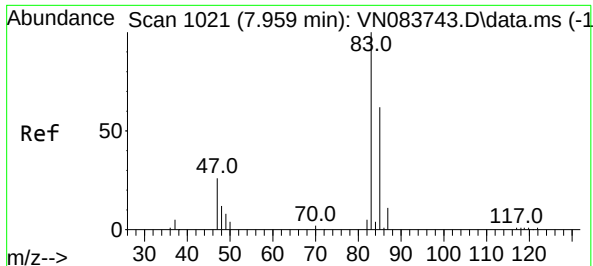
Tgt Ion: 43 Resp: 263

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.4#





#30

Chloroform

Concen: 0.279 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VN083953.D

Acq: 17 Sep 2024 18:17

Instrument :

MSVOA_N

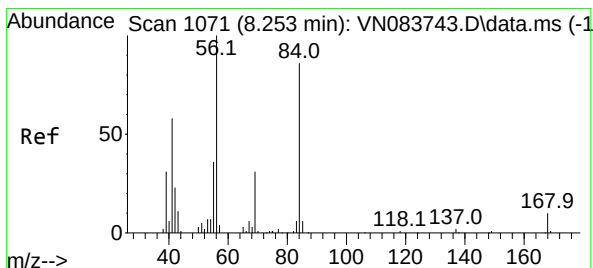
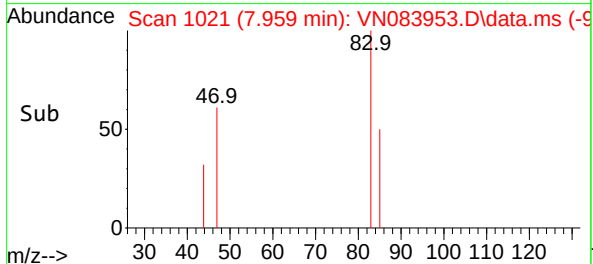
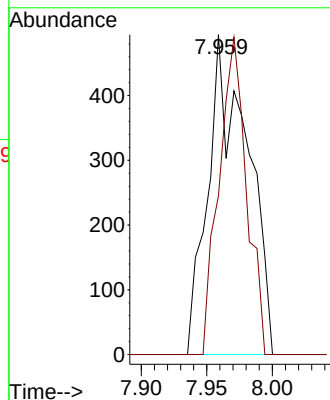
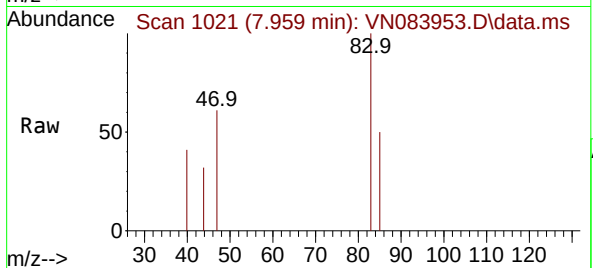
ClientSampleId :

Tgt Ion: 83 Resp: 1033

Ion Ratio Lower Upper

83 100

85 49.6 52.8 79.2#



#31

Cyclohexane

Concen: 1.380 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.035 min

Lab File: VN083953.D

Acq: 17 Sep 2024 18:17

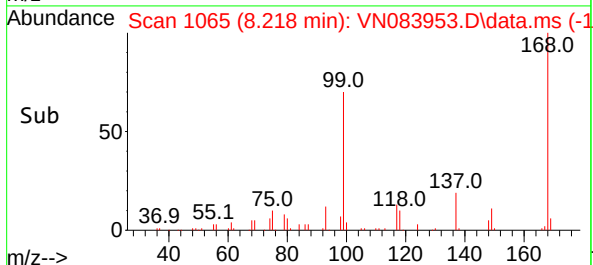
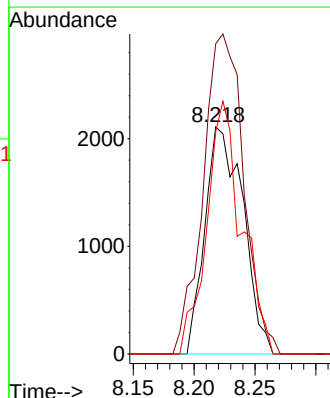
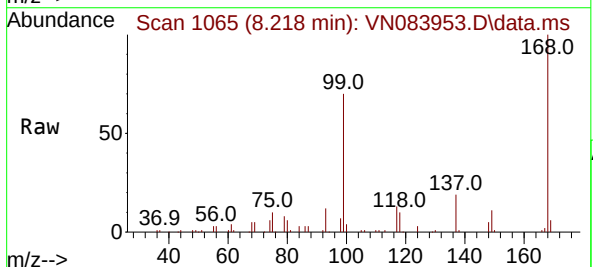
Tgt Ion: 56 Resp: 4594

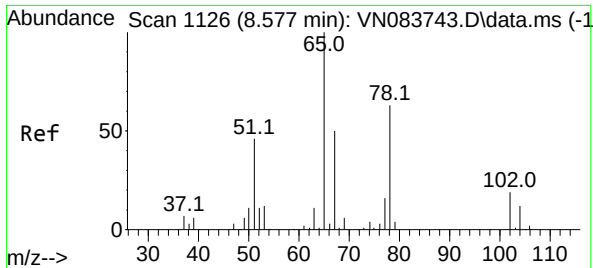
Ion Ratio Lower Upper

56 100

69 136.7 26.9 40.3#

84 98.0 69.2 103.8

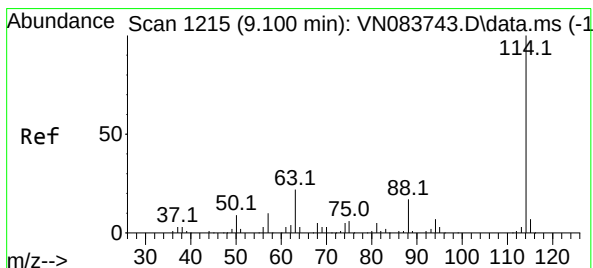
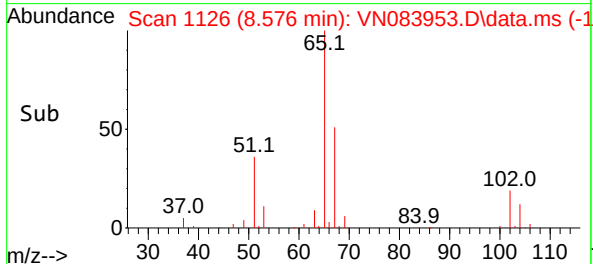
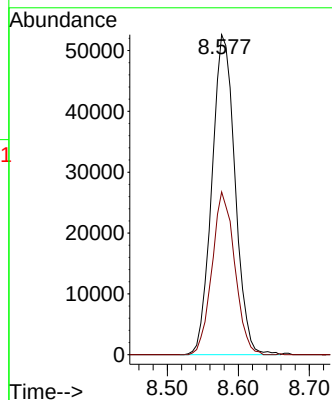
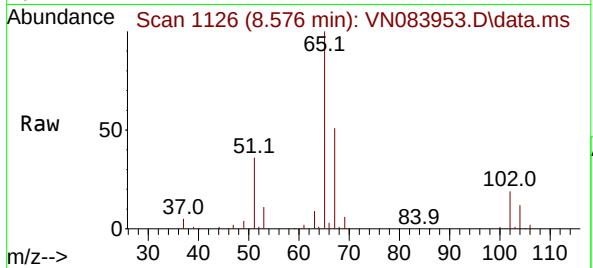




#33
 1,2-Dichloroethane-d4
 Concen: 51.613 ug/l
 RT: 8.576 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN083953.D
 Acq: 17 Sep 2024 18:17

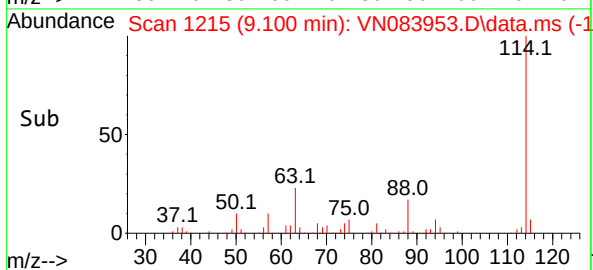
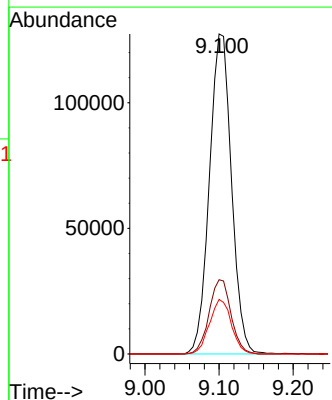
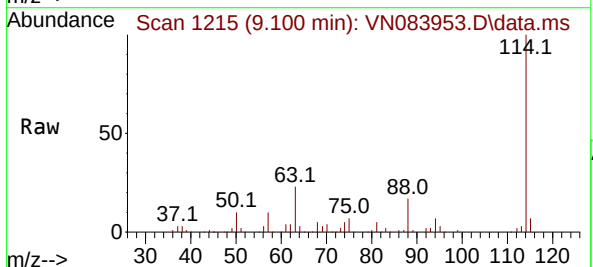
Instrument :
 MSVOA_N
 ClientSampleId :

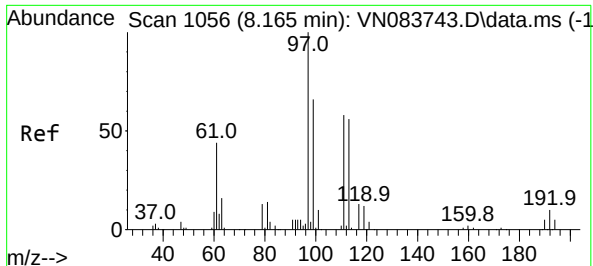
Tgt Ion: 65 Resp: 118916
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN083953.D
 Acq: 17 Sep 2024 18:17

Tgt Ion: 114 Resp: 263641
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 43.4
 88 17.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.083 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083953.D

Acq: 17 Sep 2024 18:17

Instrument :

MSVOA_N

ClientSampleId :

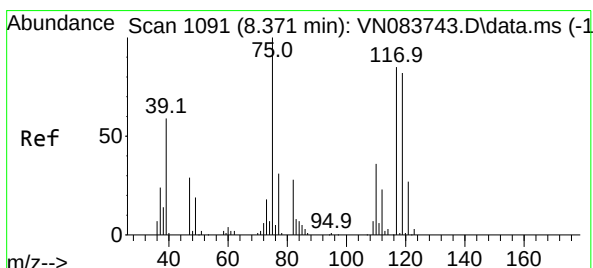
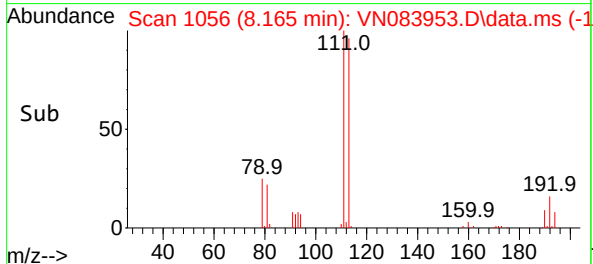
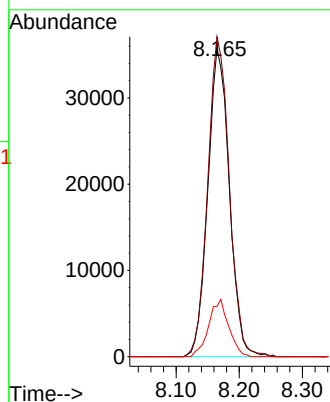
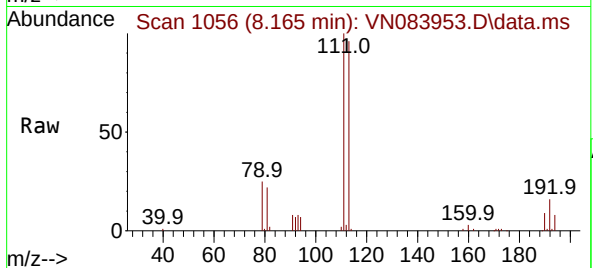
Tgt Ion:113 Resp: 84530

Ion Ratio Lower Upper

113 100

111 104.4 82.6 124.0

192 17.3 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.554 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN083953.D

Acq: 17 Sep 2024 18:17

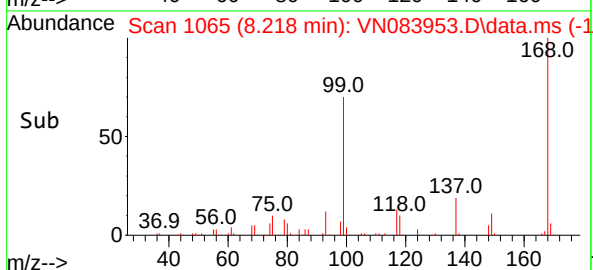
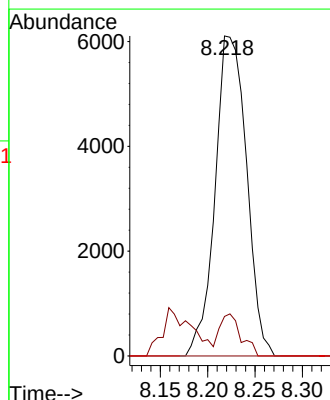
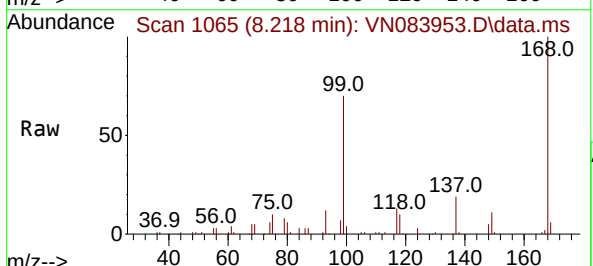
Tgt Ion: 75 Resp: 14109

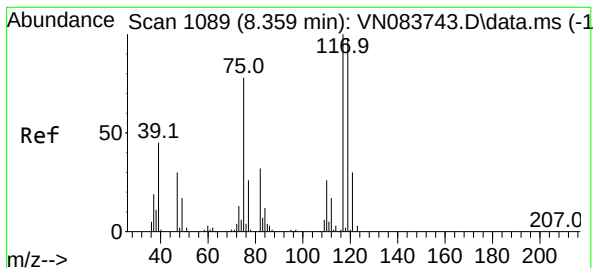
Ion Ratio Lower Upper

75 100

110 8.9 16.7 50.1#

77 0.0 25.2 37.8#





#38

Carbon Tetrachloride

Concen: 6.226 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

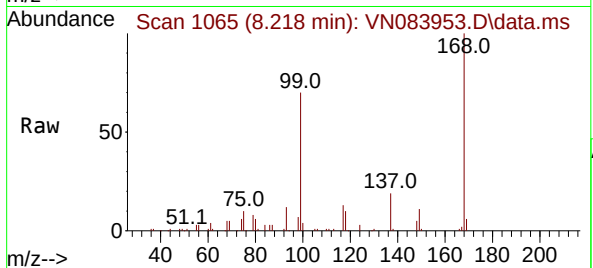
Lab File: VN083953.D

Acq: 17 Sep 2024 18:17

Instrument :

MSVOA_N

ClientSampleId :



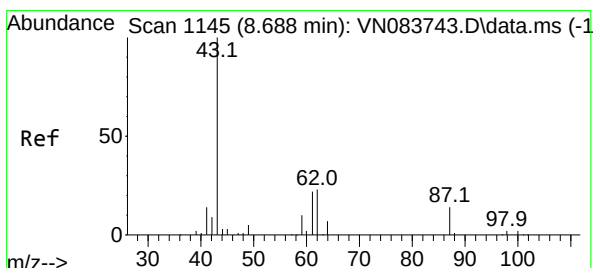
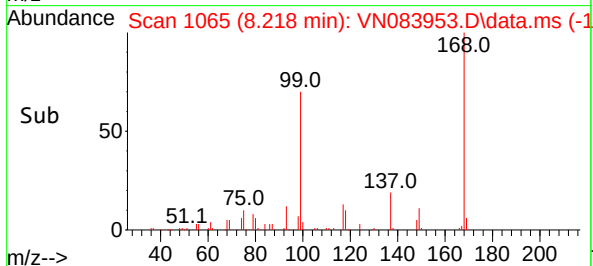
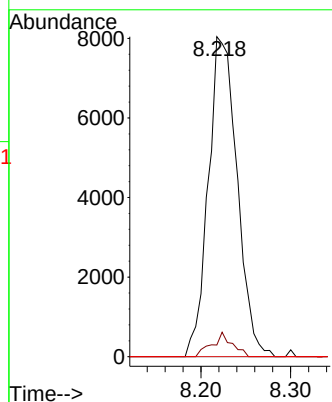
Tgt Ion:117 Resp: 17944

Ion Ratio Lower Upper

117 100

119 3.7 76.1 114.1#

121 0.0 24.1 36.1#



#43

Isopropyl Acetate

Concen: 0.336 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. -0.012 min

Lab File: VN083953.D

Acq: 17 Sep 2024 18:17

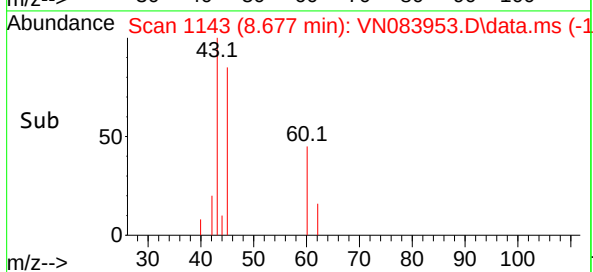
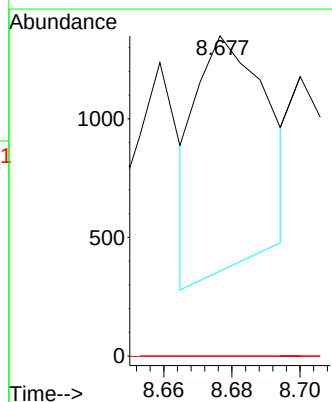
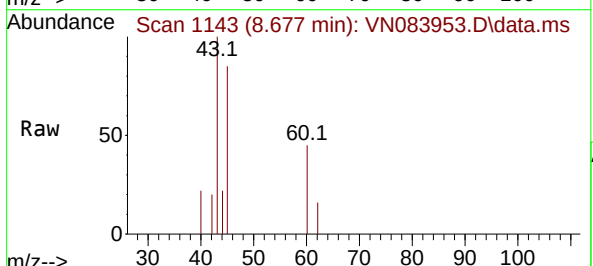
Tgt Ion: 43 Resp: 1404

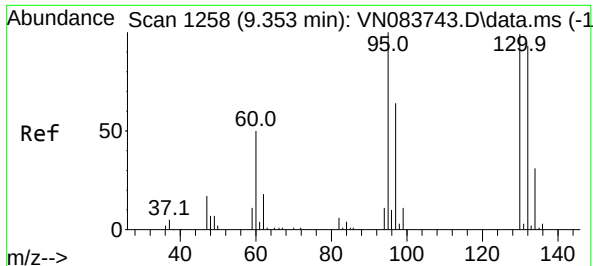
Ion Ratio Lower Upper

43 100

61 0.0 19.4 29.0#

87 0.0 9.8 14.6#

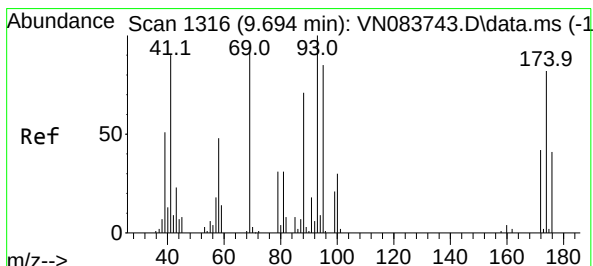
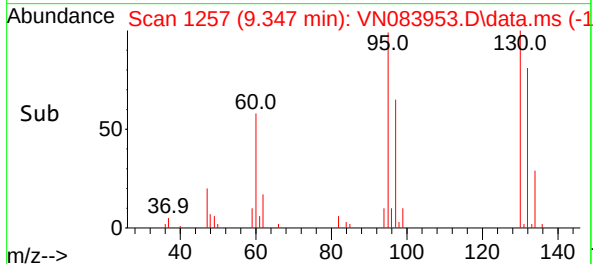
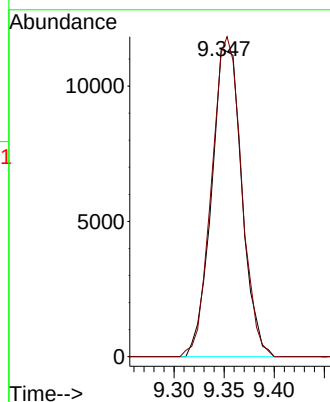
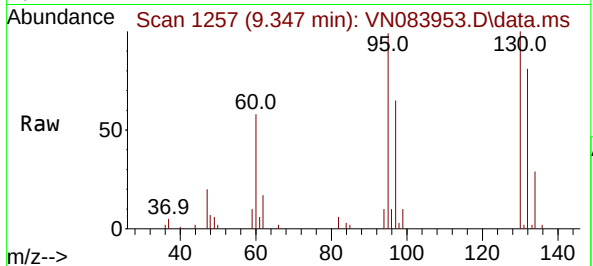




#44
Trichloroethene
Concen: 13.576 ug/l
RT: 9.347 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083953.D
Acq: 17 Sep 2024 18:17

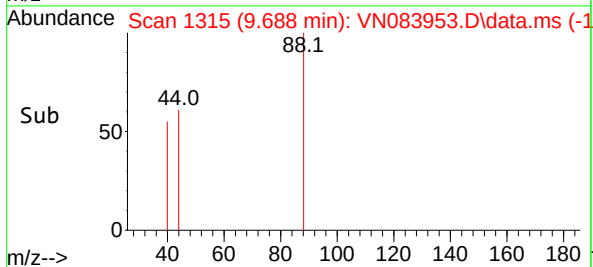
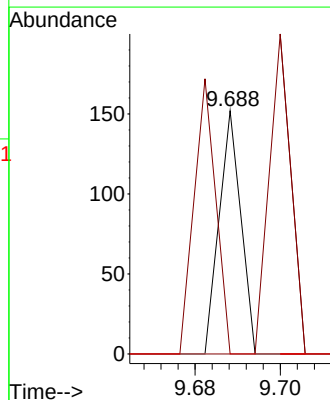
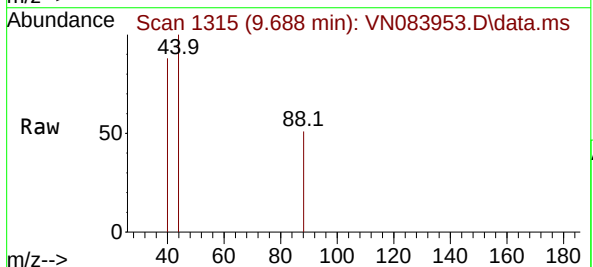
Instrument :
MSVOA_N
ClientSampleId :

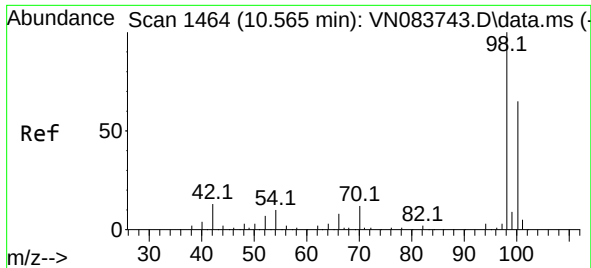
Tgt Ion:130 Resp: 24039
Ion Ratio Lower Upper
130 100
95 98.7 0.0 200.4



#49
1,4-Dioxane
Concen: 1.656 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VN083953.D
Acq: 17 Sep 2024 18:17

Tgt Ion: 88 Resp: 54
Ion Ratio Lower Upper
88 100
43 113.0 0.0 0.0#
58 0.0 57.1 85.7#

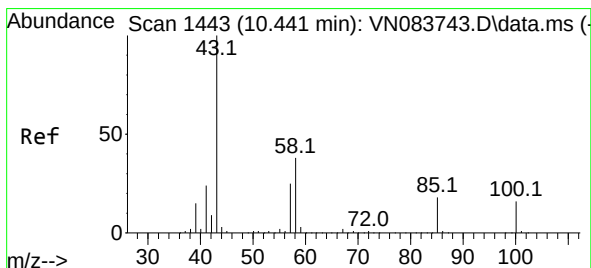
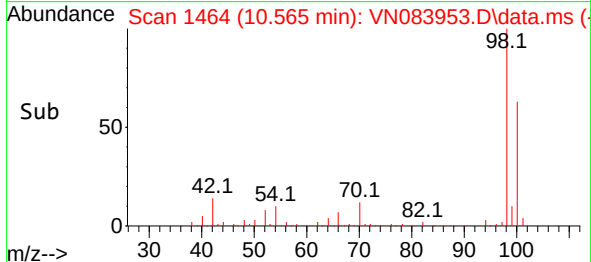
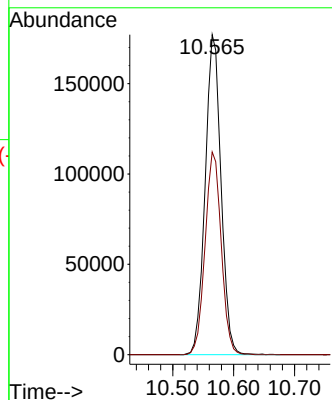
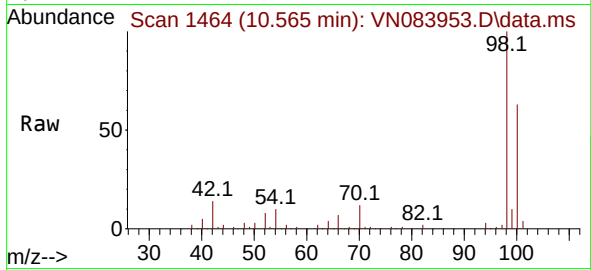




#50
Toluene-d8
Concen: 54.792 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083953.D
Acq: 17 Sep 2024 18:17

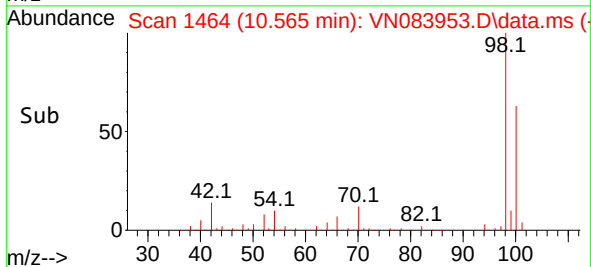
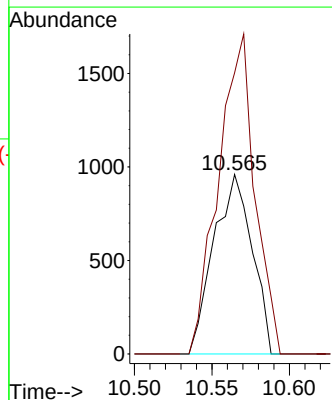
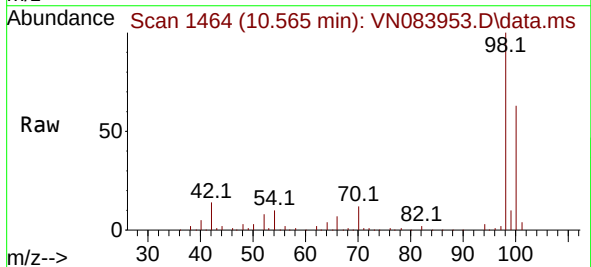
Instrument :
MSVOA_N
ClientSampleId :

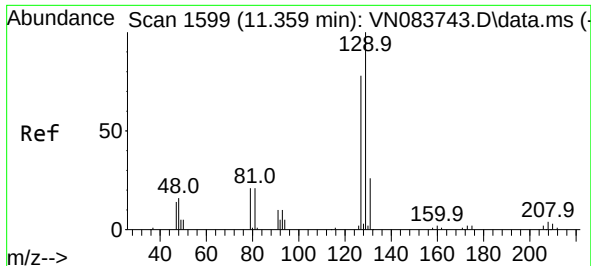
Tgt Ion: 98 Resp: 319698
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.726 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.123 min
Lab File: VN083953.D
Acq: 17 Sep 2024 18:17

Tgt Ion: 43 Resp: 1652
Ion Ratio Lower Upper
43 100
58 169.5 31.6 47.4#

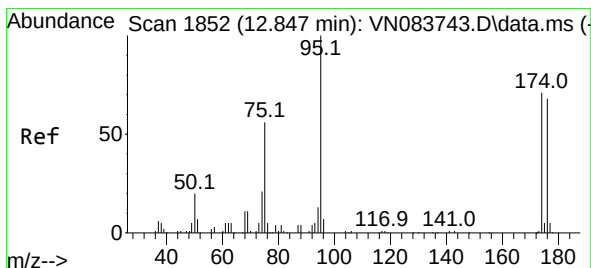
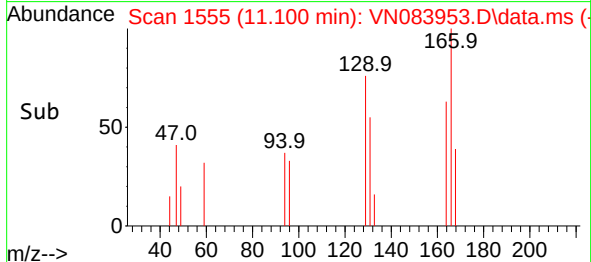
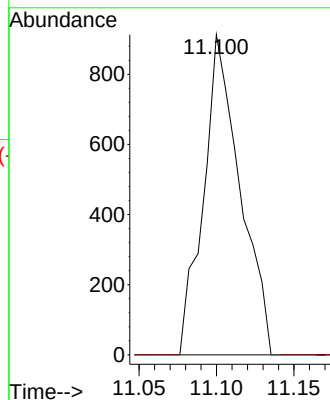
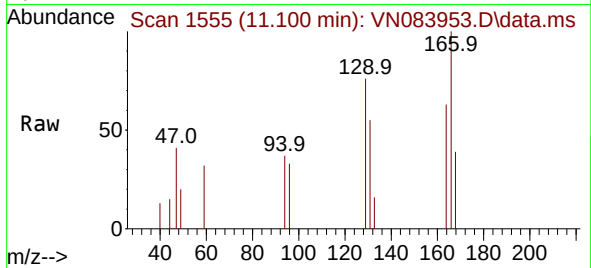




#60
Dibromochloromethane
Concen: 0.768 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.259 min
Lab File: VN083953.D
Acq: 17 Sep 2024 18:17

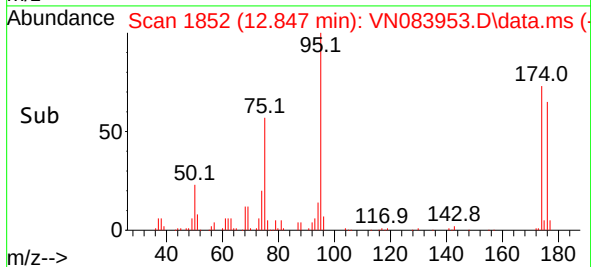
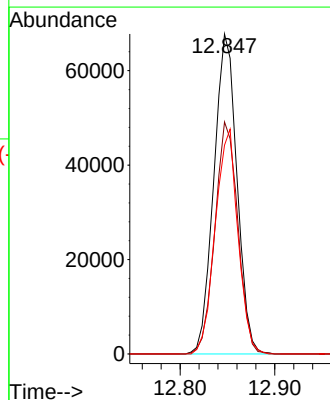
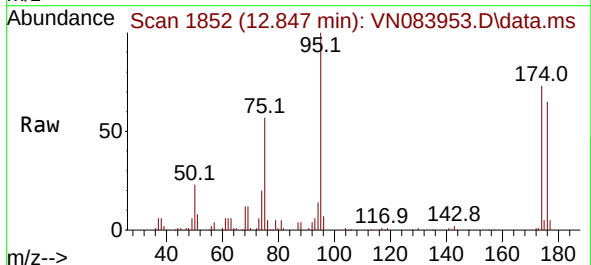
Instrument :
MSVOA_N
ClientSampleId :

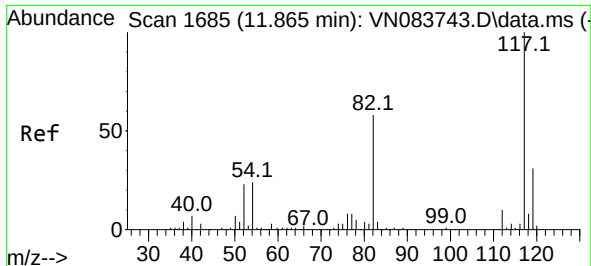
Tgt Ion:129 Resp: 1501
Ion Ratio Lower Upper
129 100
127 0.0 39.0 116.9#



#62
4-Bromofluorobenzene
Concen: 47.675 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083953.D
Acq: 17 Sep 2024 18:17

Tgt Ion: 95 Resp: 114769
Ion Ratio Lower Upper
95 100
174 72.1 0.0 139.8
176 69.1 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083953.D

Acq: 17 Sep 2024 18:17

Instrument :

MSVOA_N

ClientSampleId :

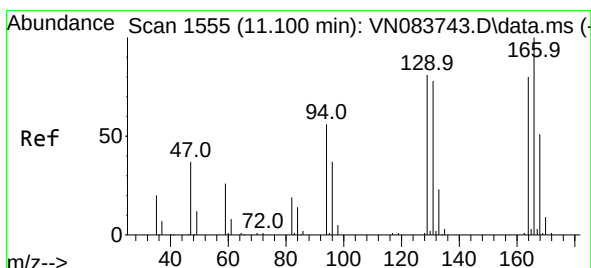
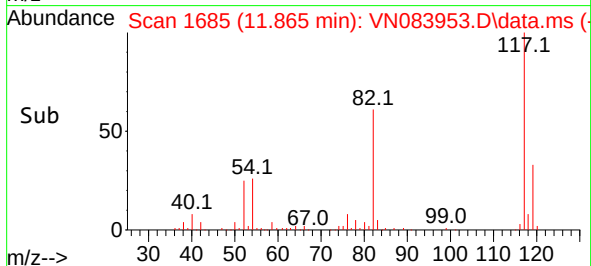
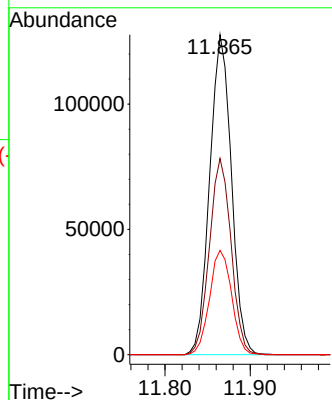
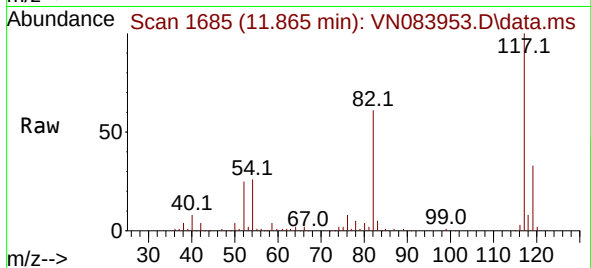
Tgt Ion:117 Resp: 225611

Ion Ratio Lower Upper

117 100

82 61.3 47.4 71.0

119 32.6 26.3 39.5



#64

Tetrachloroethene

Concen: 0.954 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.006 min

Lab File: VN083953.D

Acq: 17 Sep 2024 18:17

Tgt Ion:164 Resp: 1431

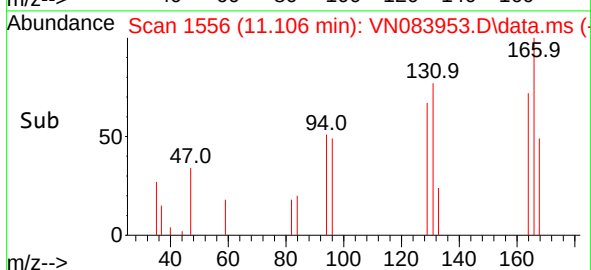
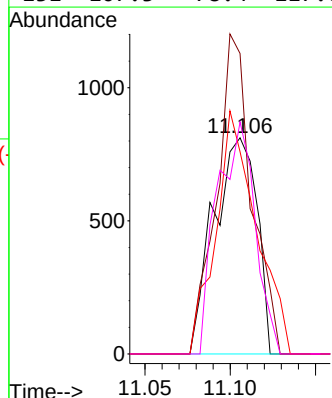
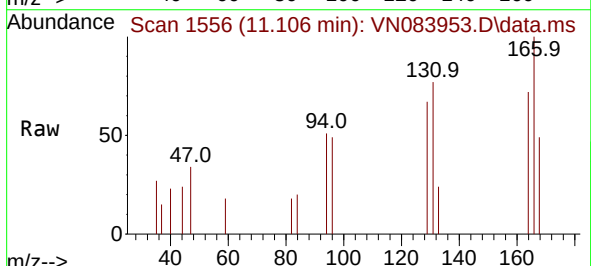
Ion Ratio Lower Upper

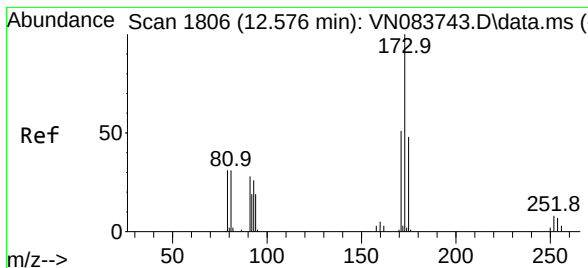
164 100

166 139.0 103.7 155.5

129 93.6 79.9 119.9

131 107.3 78.4 117.6





#71

Bromoform

Concen: 0.525 ug/l

RT: 12.847 min Scan# 1806

Delta R.T. 0.270 min

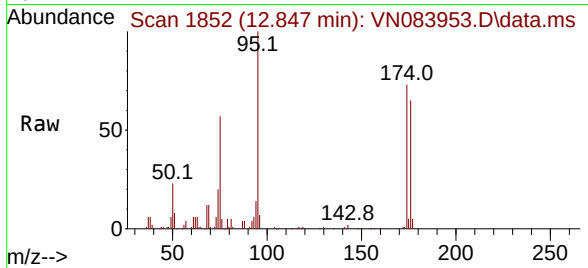
Lab File: VN083953.D

Acq: 17 Sep 2024 18:17

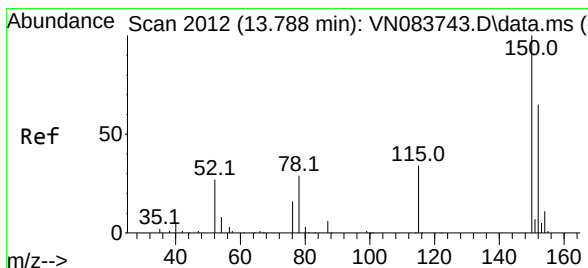
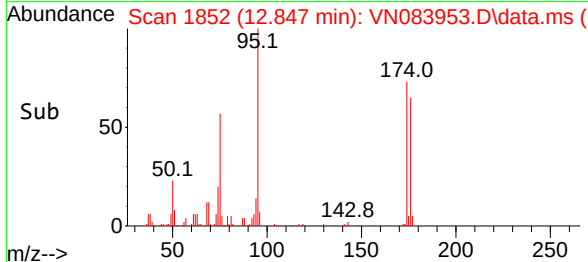
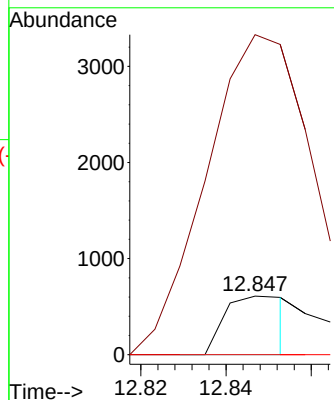
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	173	Resp:	615
Ion Ratio	Lower	Upper	
173	100		
175	712.8	24.1	72.2#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

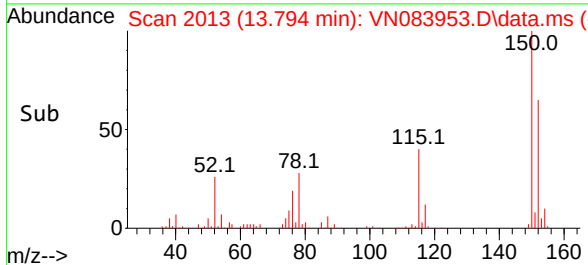
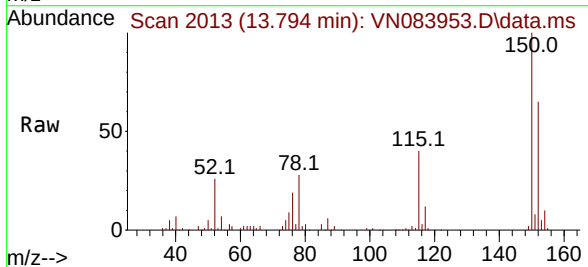
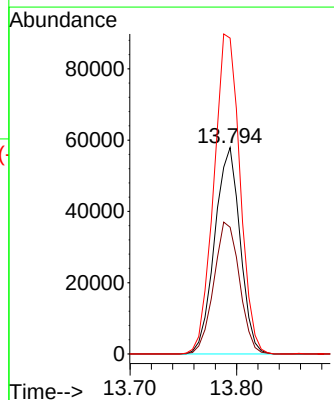
RT: 13.794 min Scan# 2013

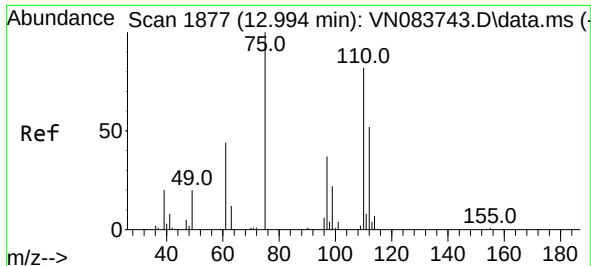
Delta R.T. 0.006 min

Lab File: VN083953.D

Acq: 17 Sep 2024 18:17

Tgt Ion:	152	Resp:	95905
Ion Ratio	Lower	Upper	
152	100		
115	64.6	32.2	96.6
150	159.0	0.0	348.6

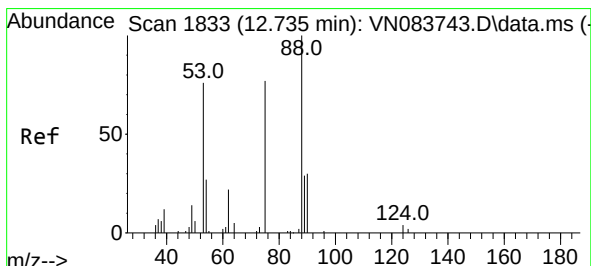
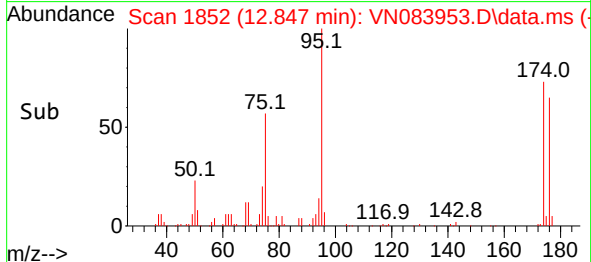
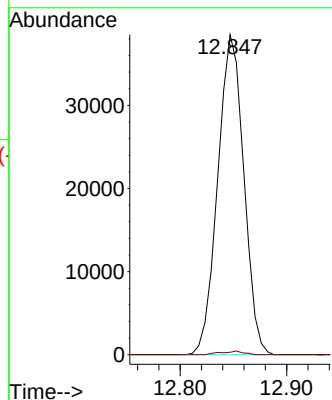
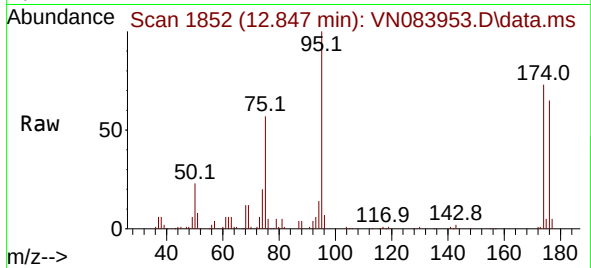




#76
1,2,3-Trichloropropane
Concen: 33.749 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083953.D
Acq: 17 Sep 2024 18:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 65311
Ion Ratio Lower Upper
75 100
77 1.0 95.2 285.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.392 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083953.D
Acq: 17 Sep 2024 18:17

Tgt Ion: 75 Resp: 65311
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

