

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
 Data File : VN083752.D
 Acq On : 10 Sep 2024 14:34
 Operator : JC\MD
 Sample : VN0910WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 11 03:28:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 02:47:22 2024
 Response via : Initial Calibration

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

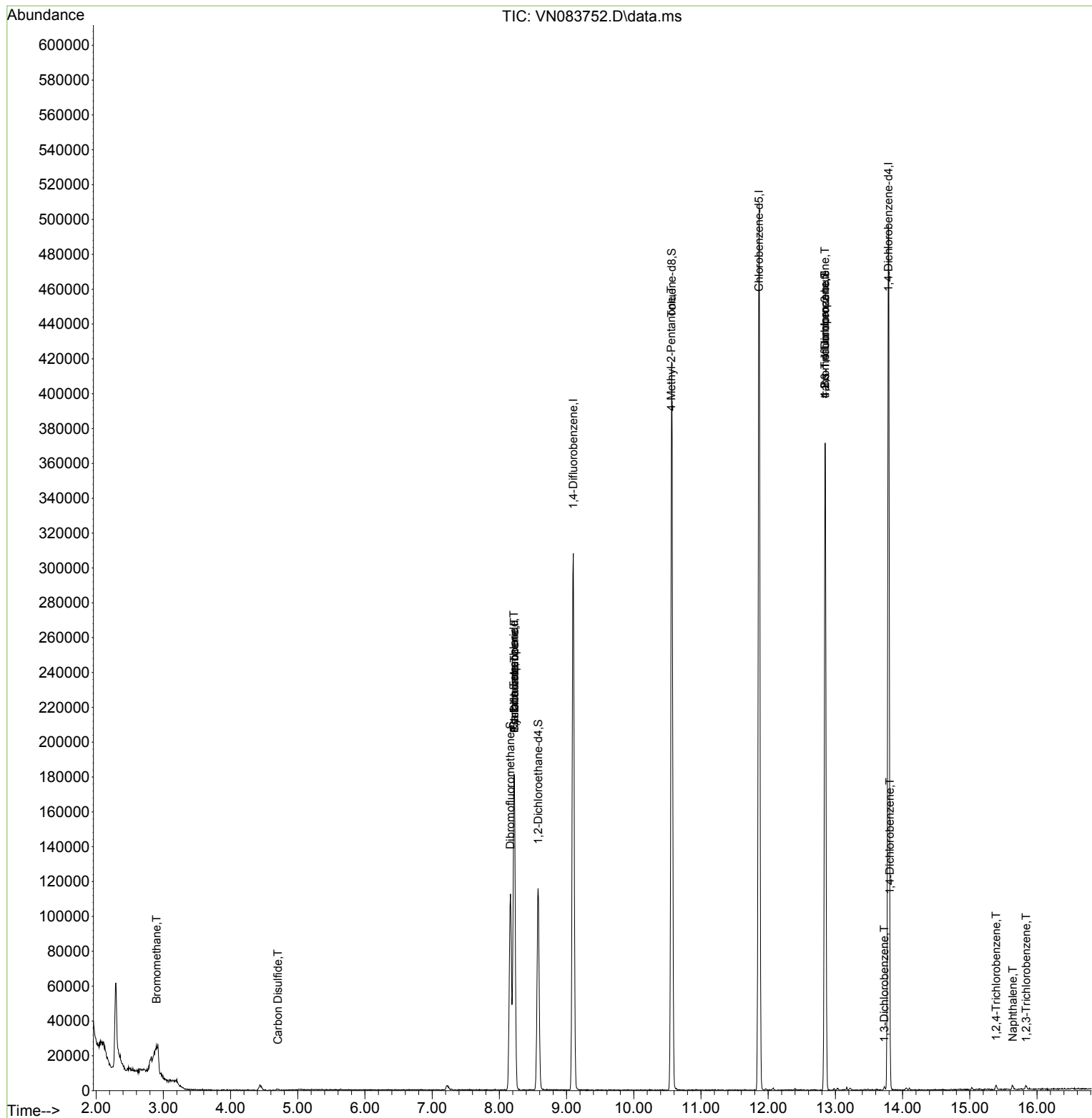
Internal Standards						
1) Pentafluorobenzene	8.224	168	124023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	258209	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	273442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	126892	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	98276	52.551	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.100%			
35) Dibromofluoromethane	8.165	113	79380	48.021	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.040%			
50) Toluene-d8	10.565	98	275129	48.145	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.300%			
62) 4-Bromofluorobenzene	12.847	95	126091	53.481	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.960%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	815	Below Cal		99
5) Bromomethane	2.901	94	332	0.366 ug/l #		78
17) Carbon Disulfide	4.706	76	1544	0.411 ug/l #		75
18) Methyl Acetate	5.012	43	634	Below Cal #		52
31) Cyclohexane	8.224	56	3213	1.189 ug/l #		11
36) 1,1-Dichloropropene	8.224	75	11665	4.688 ug/l #		48
38) Carbon Tetrachloride	8.218	117	14397	5.101 ug/l #		16
51) 4-Methyl-2-Pentanone	10.559	43	1314	0.590 ug/l #		1
76) 1,2,3-Trichloropropane	12.847	75	70703	28.312 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.847	75	70703	72.322 ug/l #		9
87) 1,3-Dichlorobenzene	13.729	146	1003	0.225 ug/l #		71
88) 1,4-Dichlorobenzene	13.812	146	1287	0.285 ug/l #		1
93) 1,2,4-Trichlorobenzene	15.394	180	881	0.381 ug/l #		85
95) Naphthalene	15.641	128	2656	0.378 ug/l #		95
96) 1,2,3-Trichlorobenzene	15.841	180	860	0.390 ug/l #		83

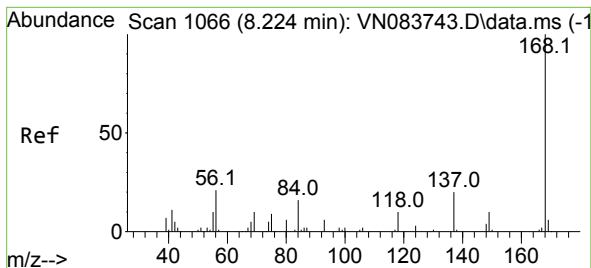
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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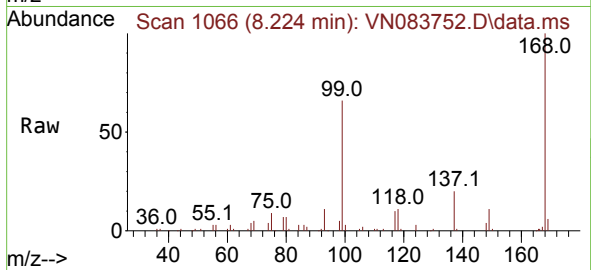
Quant Time: Sep 11 03:28:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
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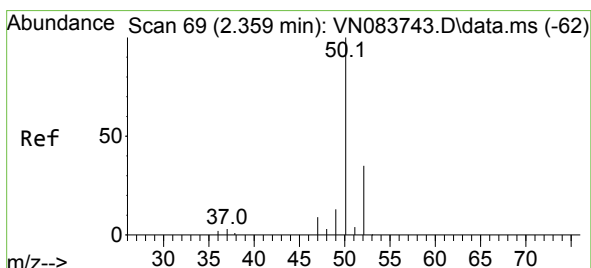
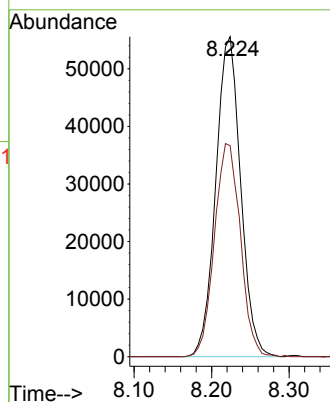
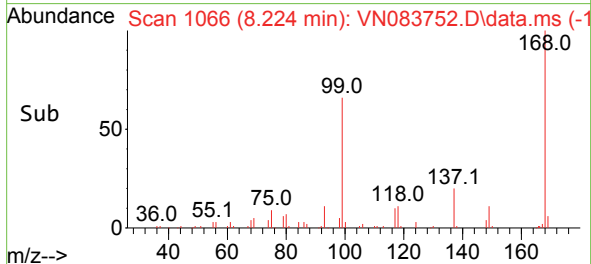


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083752.D
Acq: 10 Sep 2024 14:34

Instrument :
MSVOA_N
ClientSampleId :

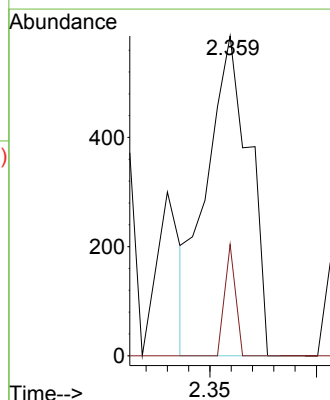
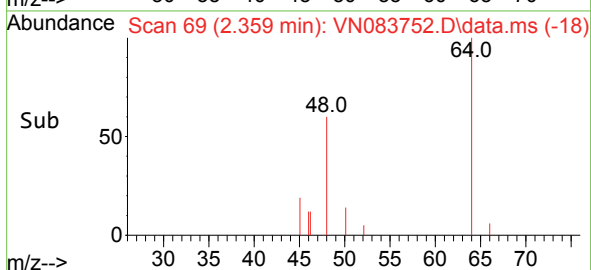
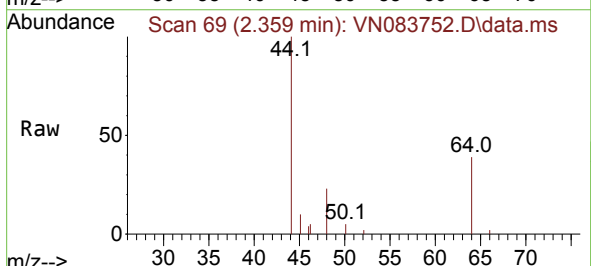


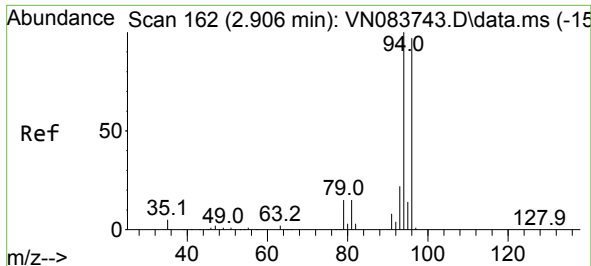
Tgt Ion:168 Resp: 124023
Ion Ratio Lower Upper
168 100
99 65.9 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083752.D
Acq: 10 Sep 2024 14:34

Tgt Ion: 50 Resp: 815
Ion Ratio Lower Upper
50 100
52 34.8 27.2 40.8

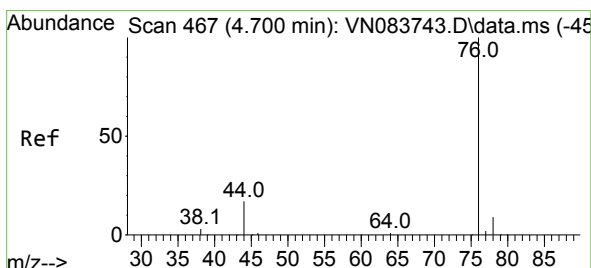
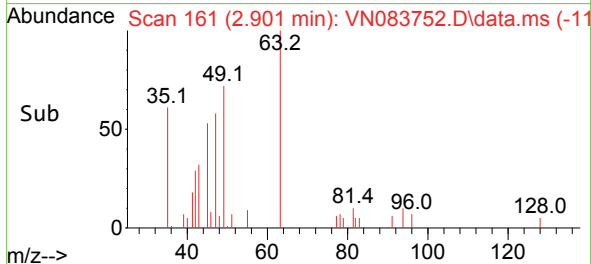
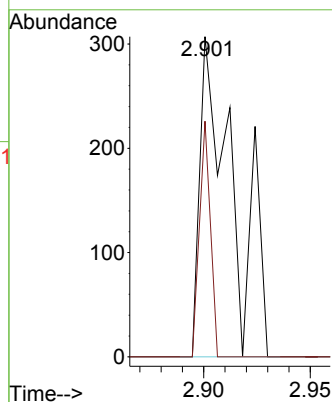
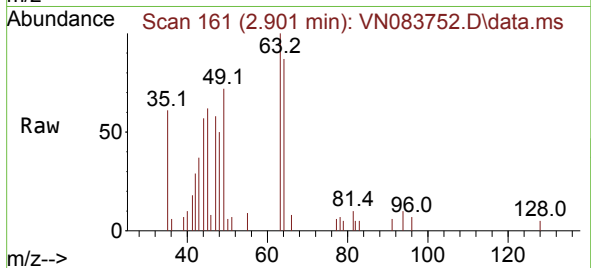




#5
Bromomethane
Concen: 0.366 ug/l
RT: 2.901 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083752.D
Acq: 10 Sep 2024 14:34

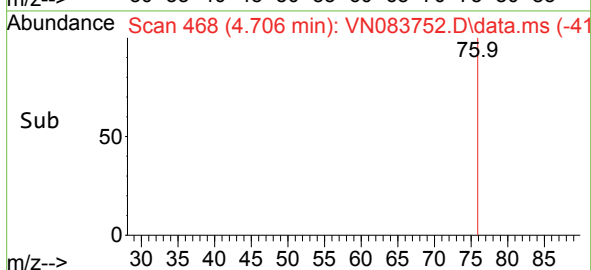
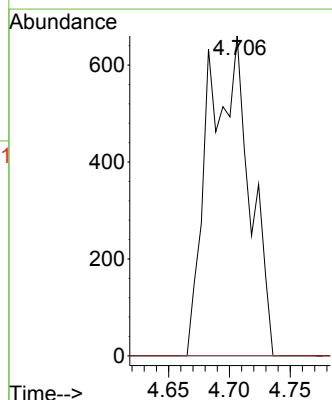
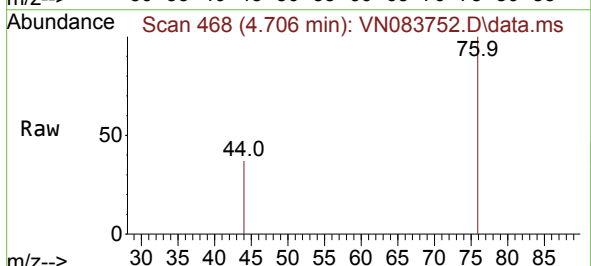
Instrument :
MSVOA_N
ClientSampleId :

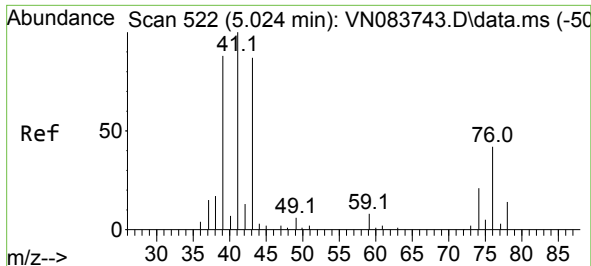
Tgt Ion: 94 Resp: 332
Ion Ratio Lower Upper
94 100
96 73.6 76.0 114.0#



#17
Carbon Disulfide
Concen: 0.411 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN083752.D
Acq: 10 Sep 2024 14:34

Tgt Ion: 76 Resp: 1544
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#





#18

Methyl Acetate

Concen: Below Cal

RT: 5.012 min Scan# 51

Delta R.T. -0.012 min

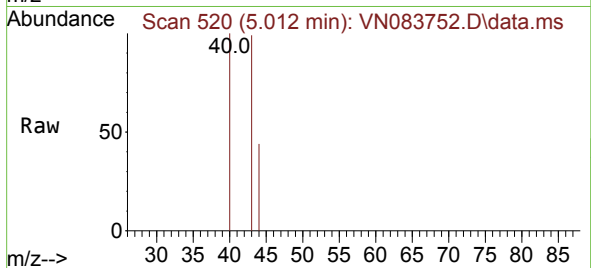
Lab File: VN083752.D

Acq: 10 Sep 2024 14:34

Instrument :

MSVOA_N

ClientSampleId :

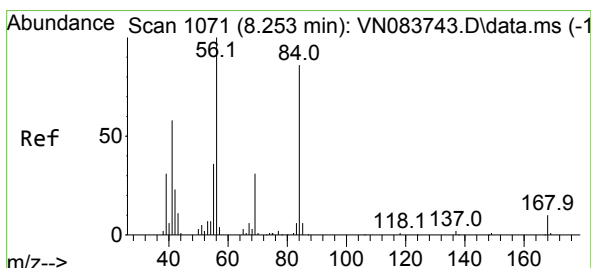
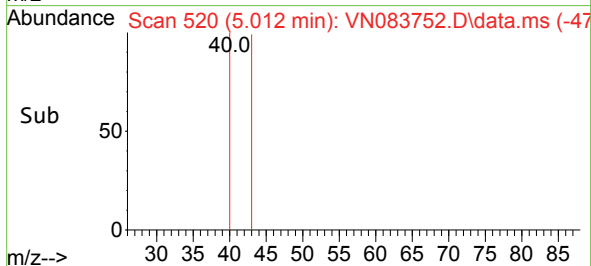


Tgt Ion: 43 Resp: 634

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.4#



#31

Cyclohexane

Concen: 1.189 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.029 min

Lab File: VN083752.D

Acq: 10 Sep 2024 14:34

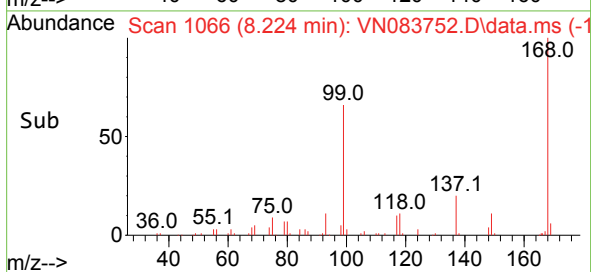
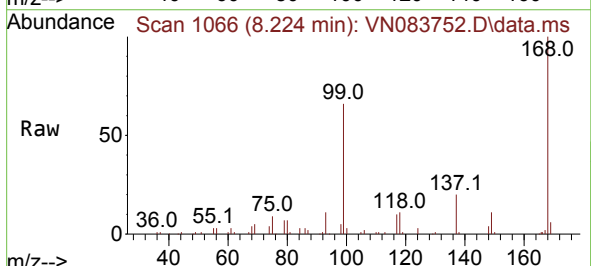
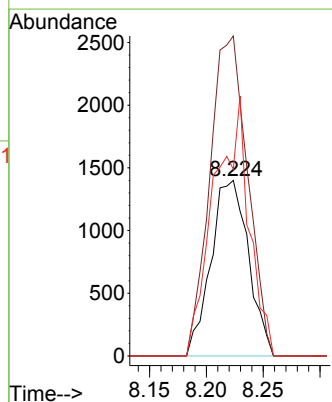
Tgt Ion: 56 Resp: 3213

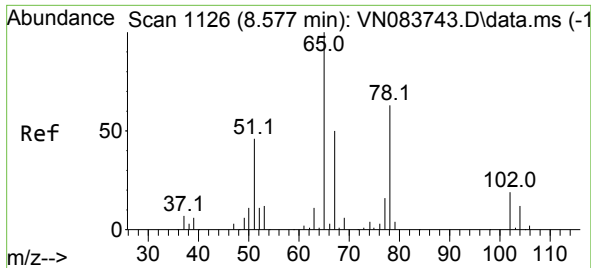
Ion Ratio Lower Upper

56 100

69 182.4 26.9 40.3#

84 106.5 69.2 103.8#





#33

1,2-Dichloroethane-d4

Concen: 52.551 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083752.D

Acq: 10 Sep 2024 14:34

Instrument :

MSVOA_N

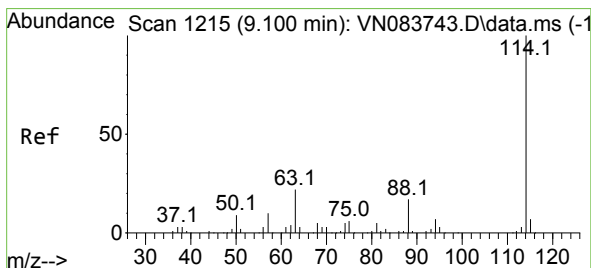
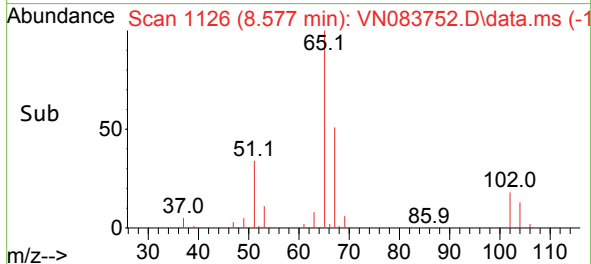
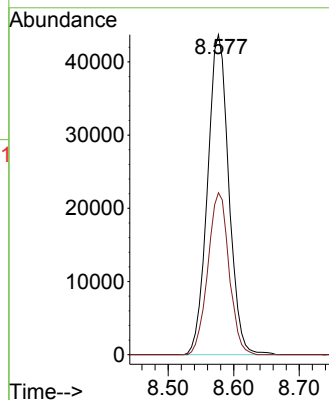
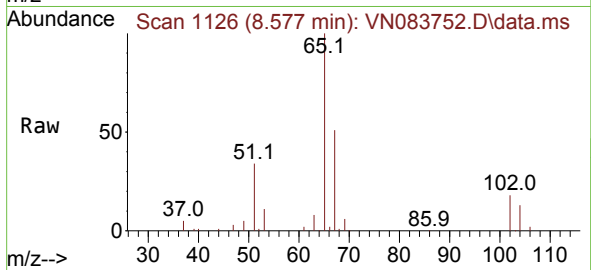
ClientSampleId :

Tgt Ion: 65 Resp: 98276

Ion Ratio Lower Upper

65 100

67 50.4 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: VN083752.D

Acq: 10 Sep 2024 14:34

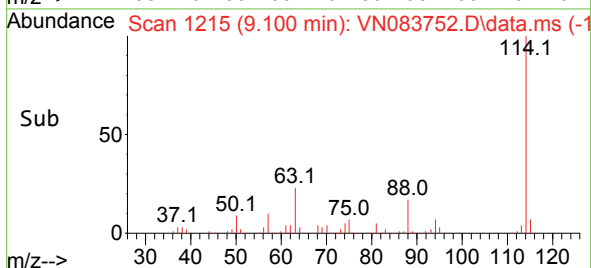
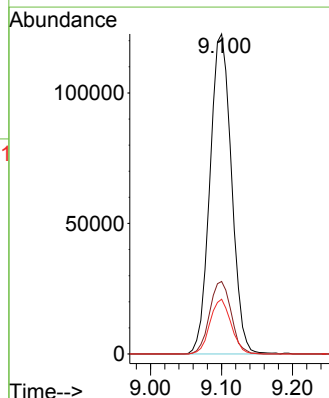
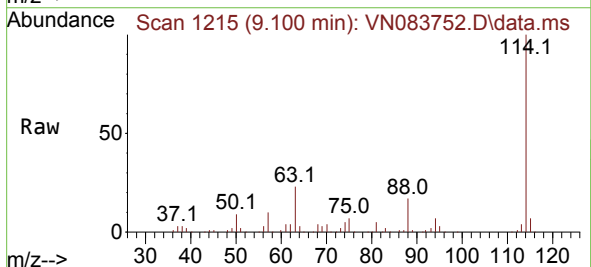
Tgt Ion: 114 Resp: 258209

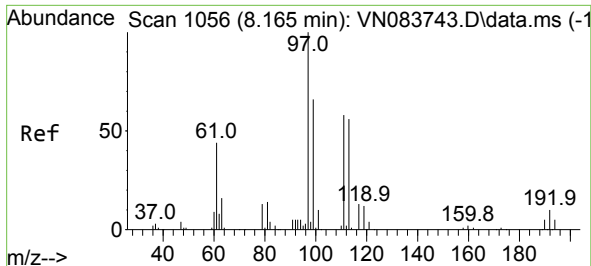
Ion Ratio Lower Upper

114 100

63 22.7 0.0 43.4

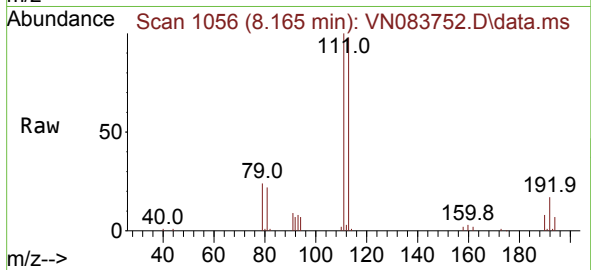
88 17.1 0.0 32.6



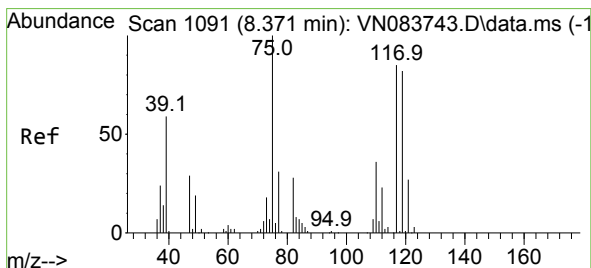
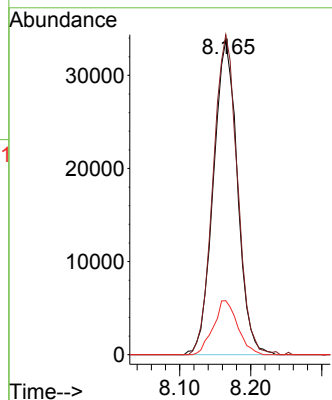
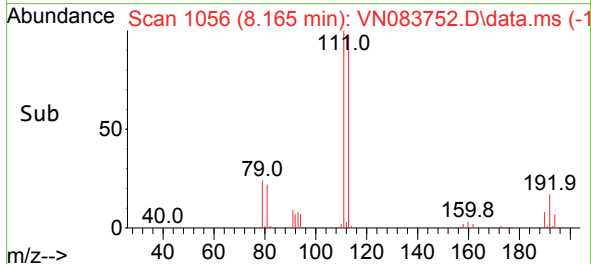


#35
Dibromofluoromethane
Concen: 48.021 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083752.D
Acq: 10 Sep 2024 14:34

Instrument :
MSVOA_N
ClientSampleId :

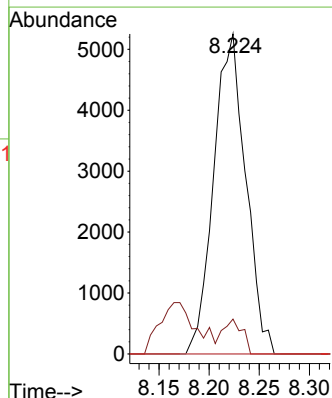
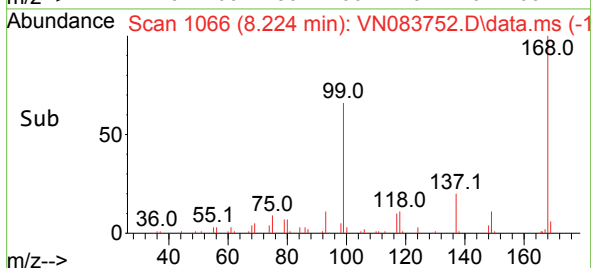
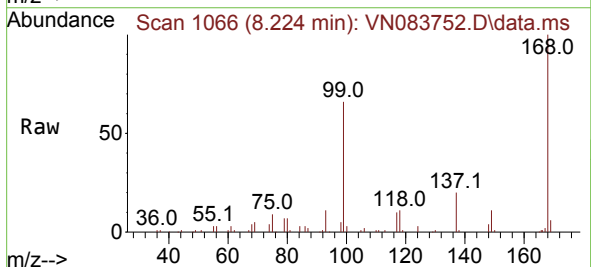


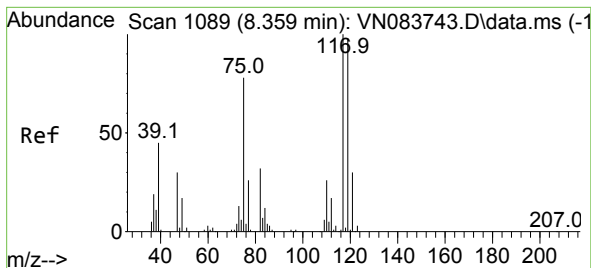
Tgt Ion:113 Resp: 79380
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 17.3 14.3 21.5



#36
1,1-Dichloropropene
Concen: 4.688 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083752.D
Acq: 10 Sep 2024 14:34

Tgt Ion: 75 Resp: 11665
Ion Ratio Lower Upper
75 100
110 6.6 16.7 50.1#
77 0.0 25.2 37.8#





#38

Carbon Tetrachloride

Concen: 5.101 ug/l

RT: 8.218 min Scan# 1

Delta R.T. -0.141 min

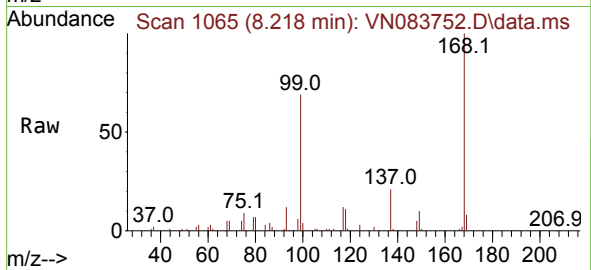
Lab File: VN083752.D

Acq: 10 Sep 2024 14:34

Instrument :

MSVOA_N

ClientSampleId :



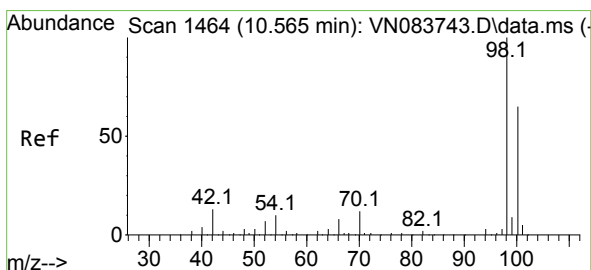
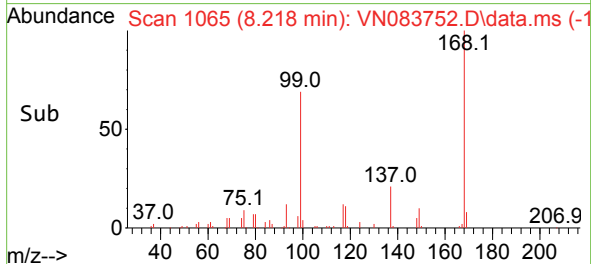
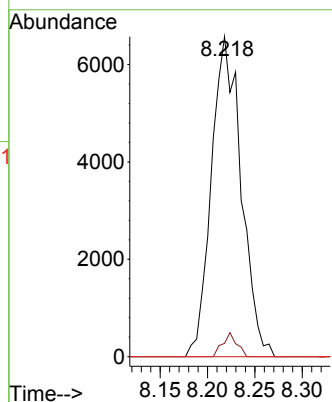
Tgt Ion:117 Resp: 14397

Ion Ratio Lower Upper

117 100

119 4.2 76.1 114.1#

121 0.0 24.1 36.1#



#50

Toluene-d8

Concen: 48.145 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN083752.D

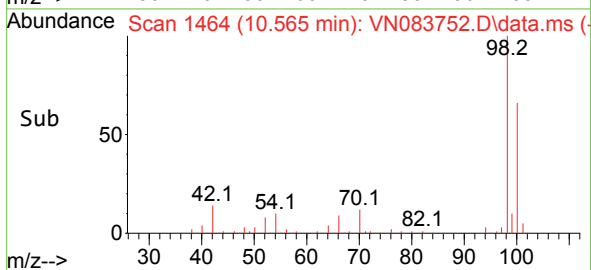
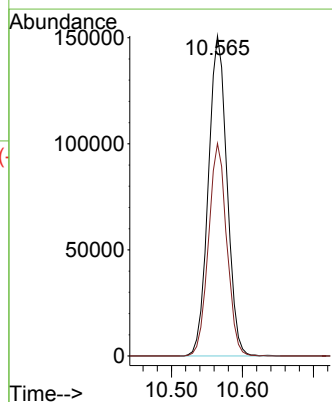
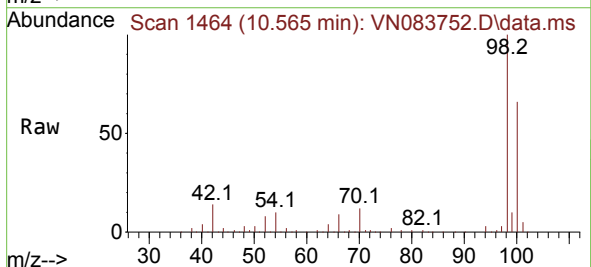
Acq: 10 Sep 2024 14:34

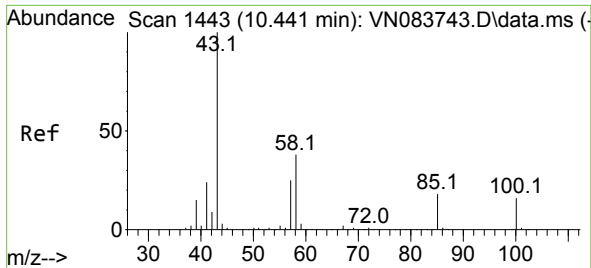
Tgt Ion: 98 Resp: 275129

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0

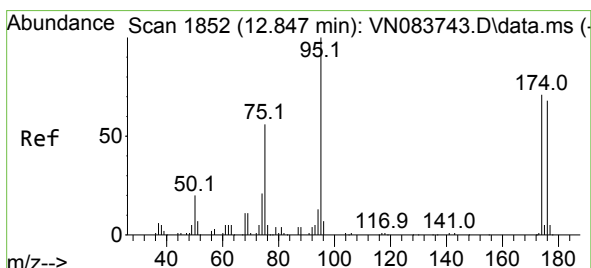
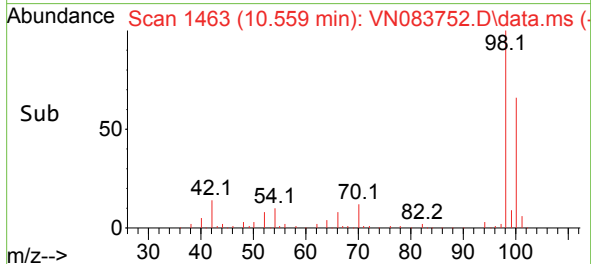
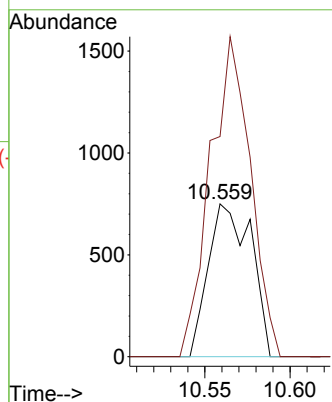
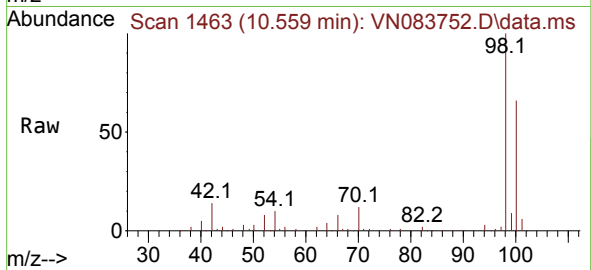




#51
4-Methyl-2-Pentanone
Concen: 0.590 ug/l
RT: 10.559 min Scan# 1443
Delta R.T. 0.118 min
Lab File: VN083752.D
Acq: 10 Sep 2024 14:34

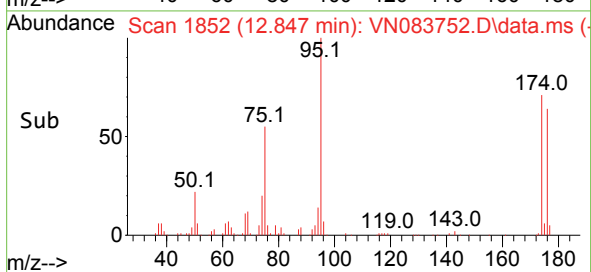
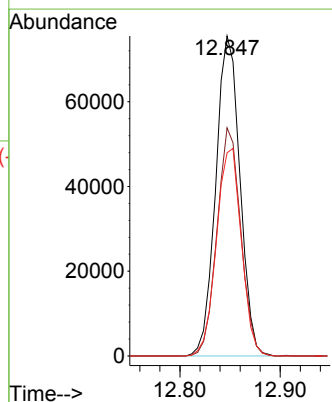
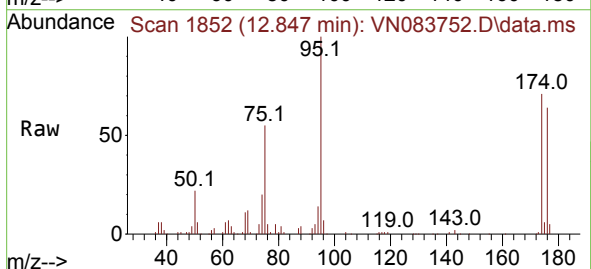
Instrument :
MSVOA_N
ClientSampleId :

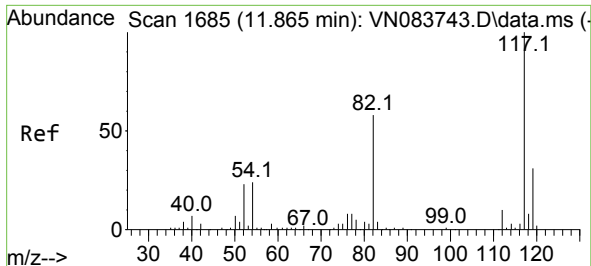
Tgt Ion: 43 Resp: 1314
Ion Ratio Lower Upper
43 100
58 196.0 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 53.481 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083752.D
Acq: 10 Sep 2024 14:34

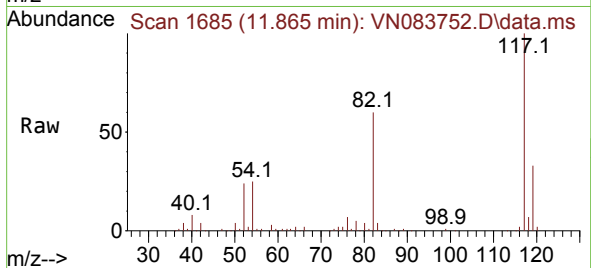
Tgt Ion: 95 Resp: 126091
Ion Ratio Lower Upper
95 100
174 70.2 0.0 139.8
176 67.0 0.0 131.4



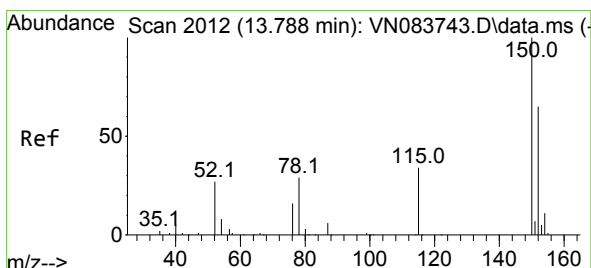
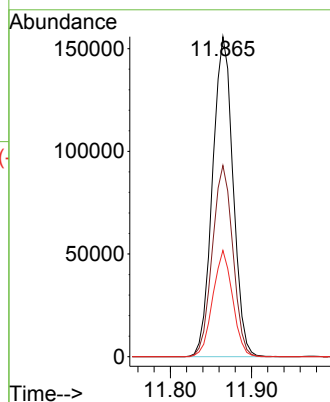
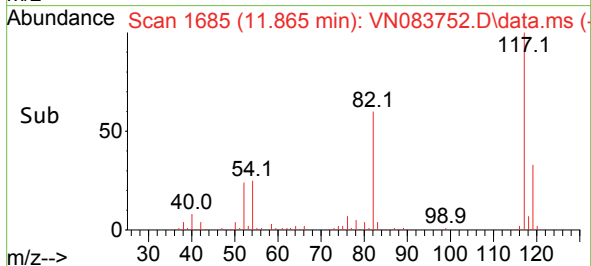


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083752.D
Acq: 10 Sep 2024 14:34

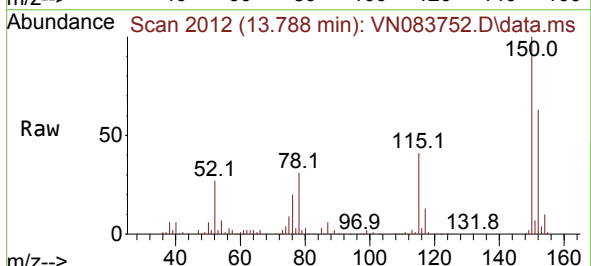
Instrument :
MSVOA_N
ClientSampleId :



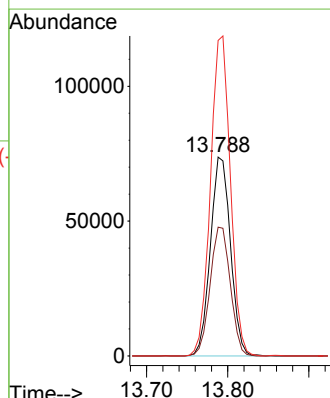
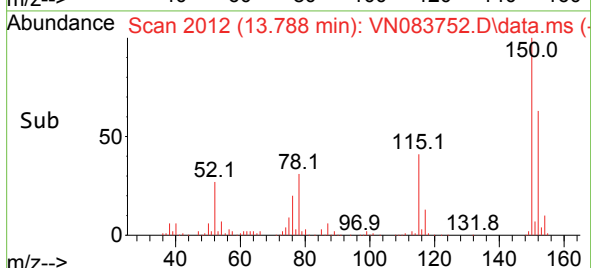
Tgt Ion:117 Resp: 273442
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.0
119 33.2 26.3 39.5

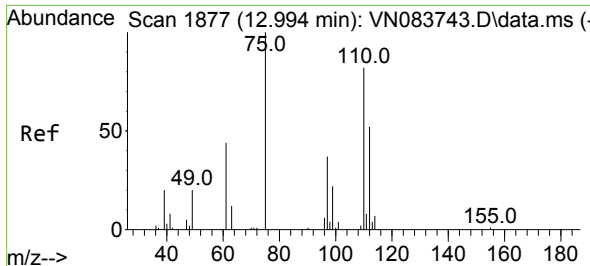


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN083752.D
Acq: 10 Sep 2024 14:34



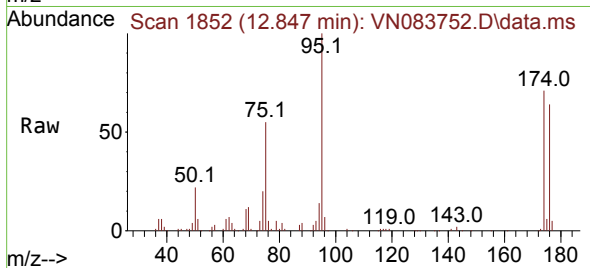
Tgt Ion:152 Resp: 126892
Ion Ratio Lower Upper
152 100
115 65.1 32.2 96.6
150 159.0 0.0 348.6



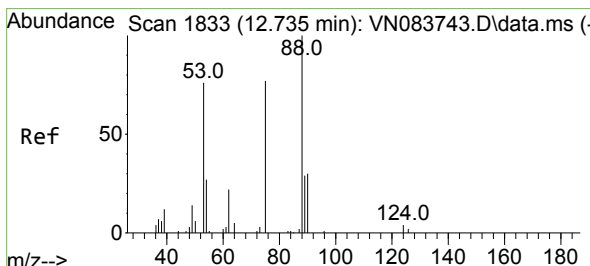
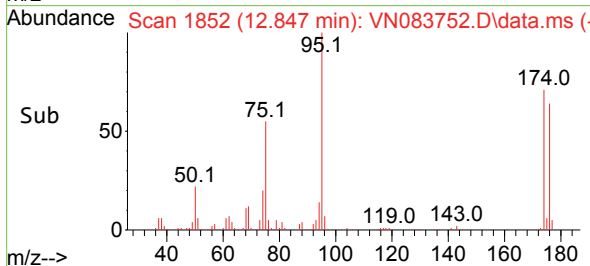
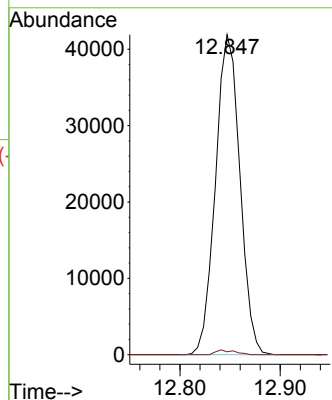


#76
1,2,3-Trichloropropane
Concen: 28.312 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083752.D
Acq: 10 Sep 2024 14:34

Instrument :
MSVOA_N
ClientSampleId :

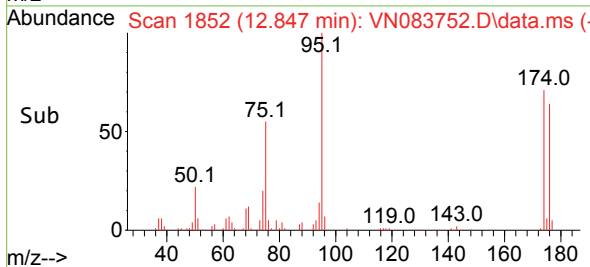
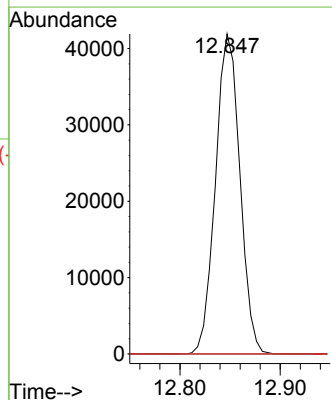
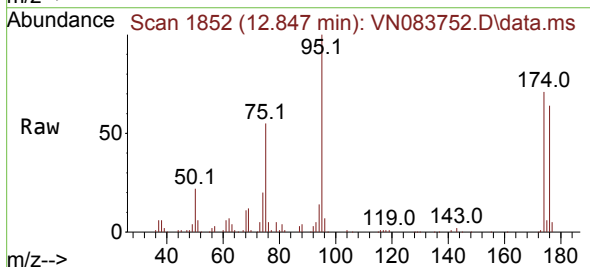


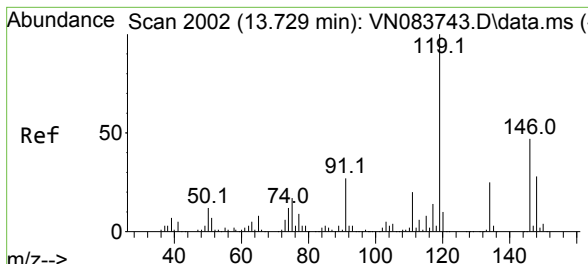
Tgt Ion: 75 Resp: 70703
Ion Ratio Lower Upper
75 100
77 1.1 95.2 285.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.322 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083752.D
Acq: 10 Sep 2024 14:34

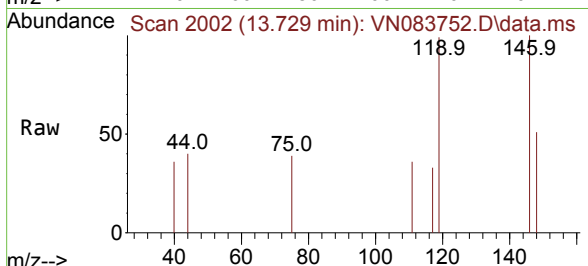
Tgt Ion: 75 Resp: 70703
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#



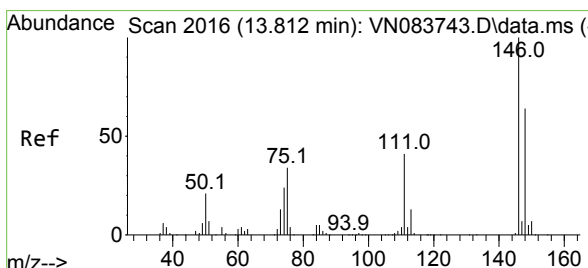
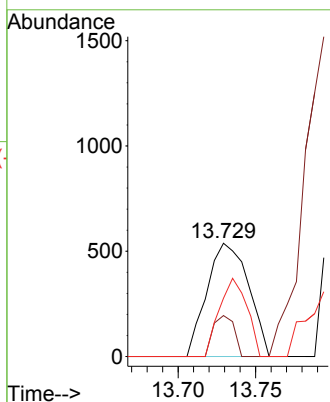
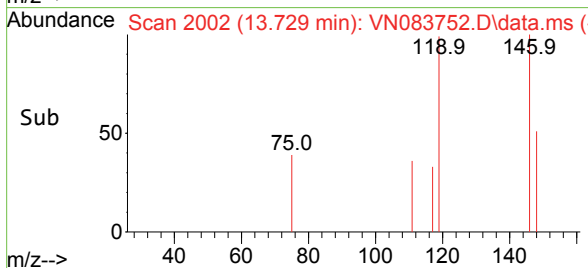


#87
 1,3-Dichlorobenzene
 Concen: 0.225 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083752.D
 Acq: 10 Sep 2024 14:34

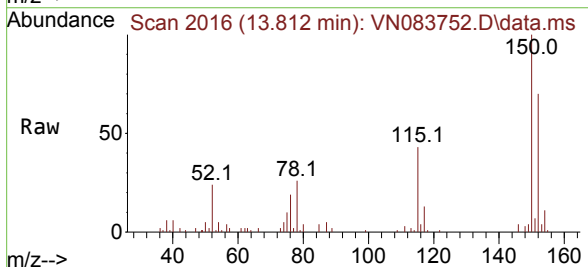
Instrument :
 MSVOA_N
 ClientSampleId :



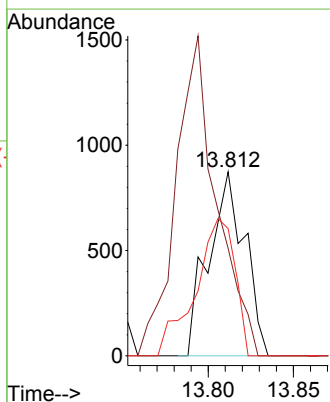
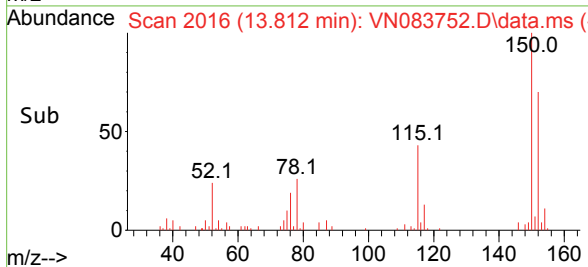
Tgt Ion:146 Resp: 1003
 Ion Ratio Lower Upper
 146 100
 111 18.3 21.7 65.1#
 148 46.0 31.7 95.1

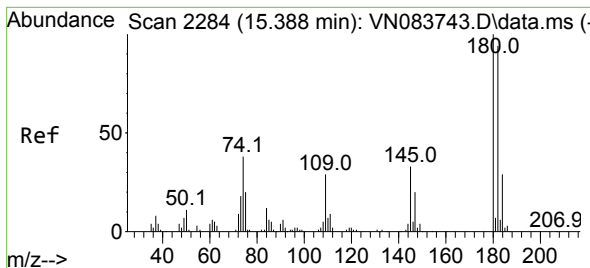


#88
 1,4-Dichlorobenzene
 Concen: 0.285 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN083752.D
 Acq: 10 Sep 2024 14:34



Tgt Ion:146 Resp: 1287
 Ion Ratio Lower Upper
 146 100
 111 194.9 21.3 64.0#
 148 81.9 32.0 96.2





#93

1,2,4-Trichlorobenzene

Concen: 0.381 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN083752.D

Acq: 10 Sep 2024 14:34

Instrument :

MSVOA_N

ClientSampleId :

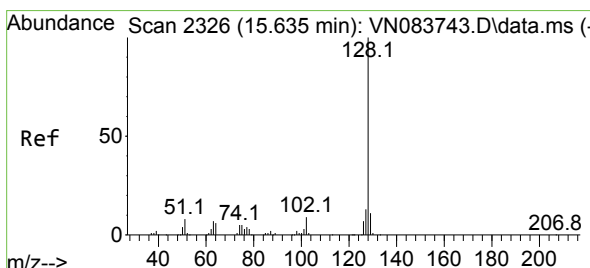
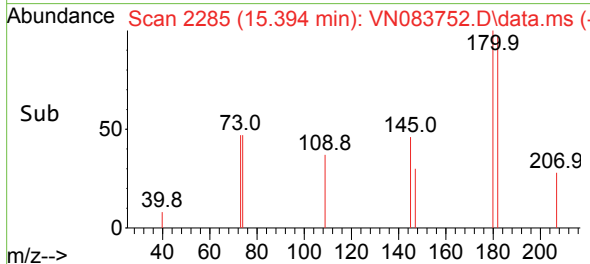
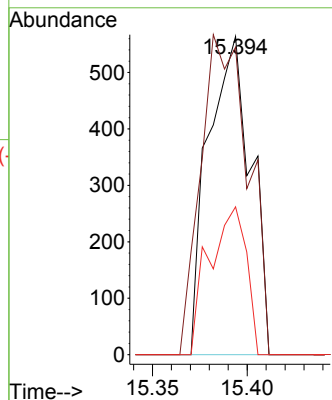
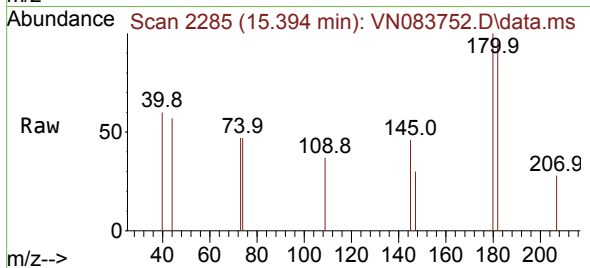
Tgt Ion:180 Resp: 881

Ion Ratio Lower Upper

180 100

182 111.7 48.1 144.3

145 40.7 16.9 50.7



#95

Naphthalene

Concen: 0.378 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN083752.D

Acq: 10 Sep 2024 14:34

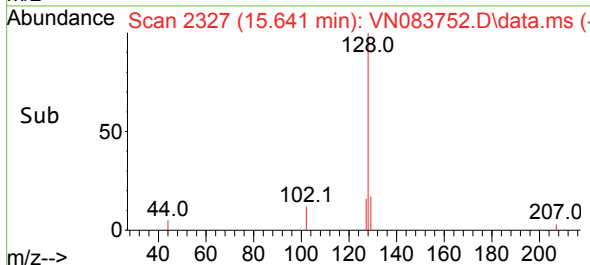
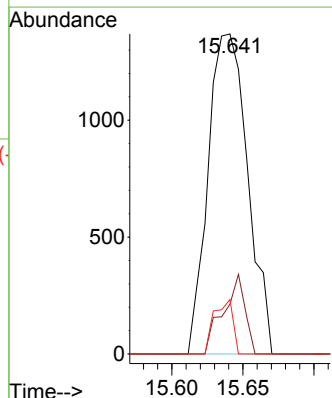
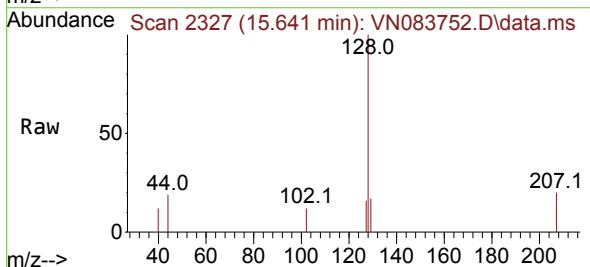
Tgt Ion:128 Resp: 2656

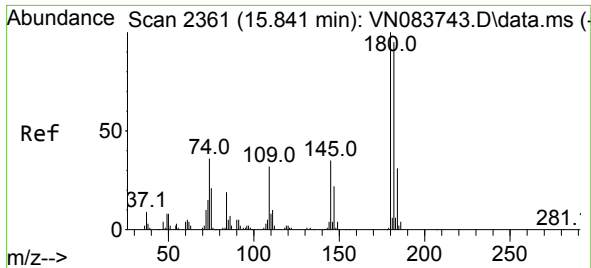
Ion Ratio Lower Upper

128 100

127 13.7 10.2 15.2

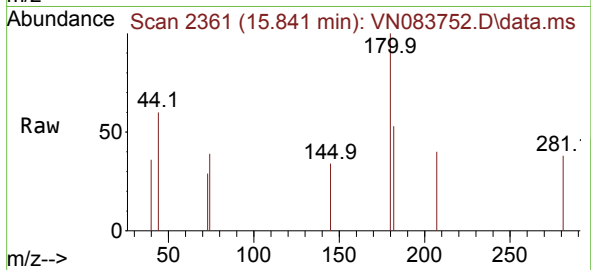
129 8.1 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.390 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN083752.D
 Acq: 10 Sep 2024 14:34

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	860
Ion	Ratio	Lower	Upper
180	100		
182	113.7	47.1	141.4
145	29.7	17.8	53.5

