

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091124\
 Data File : VN083793.D
 Acq On : 11 Sep 2024 13:57
 Operator : JC\MD
 Sample : VN0911WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 12 02:07:46 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)

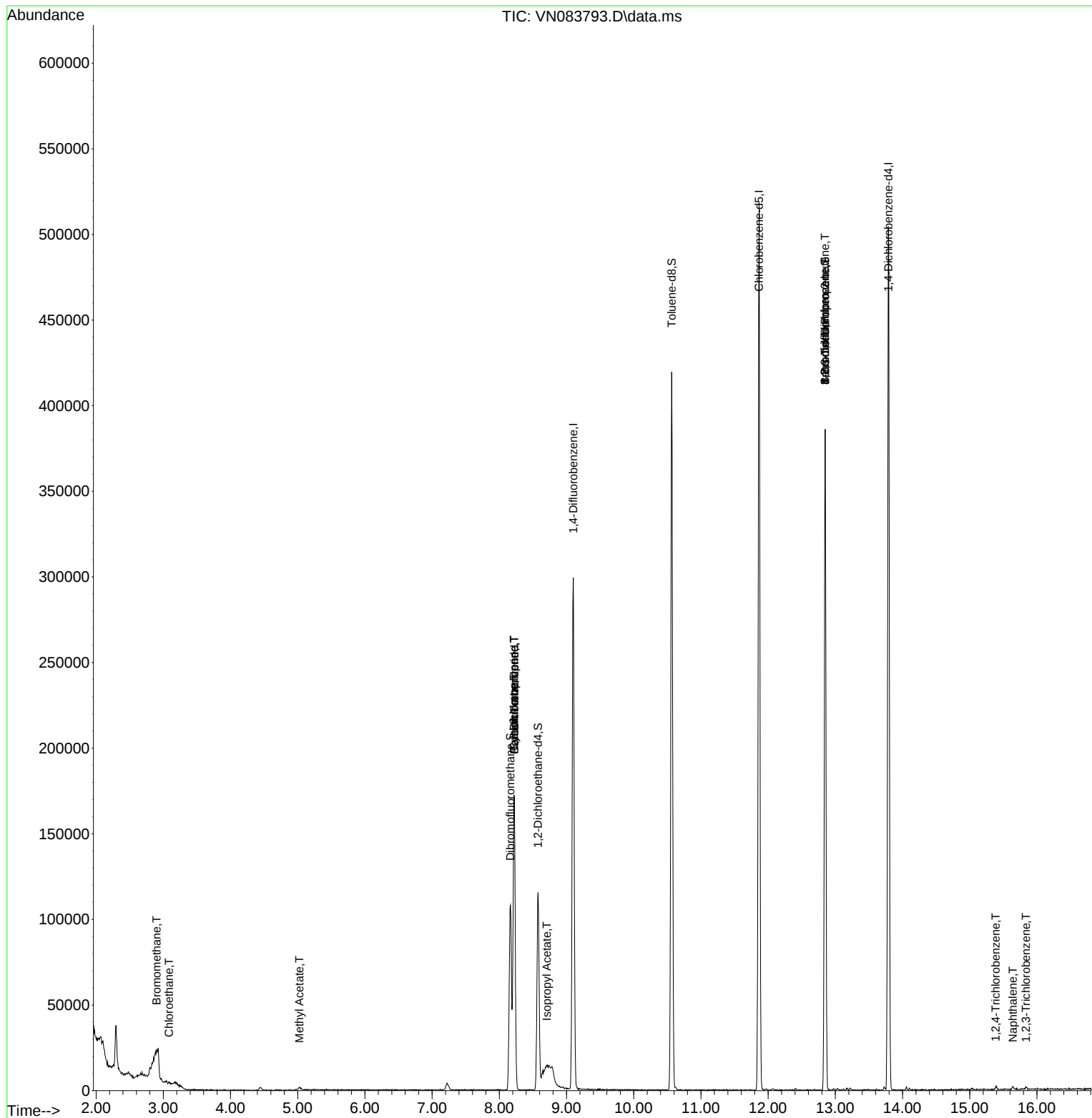
Internal Standards						
1) Pentafluorobenzene	8.224	168	117065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	246226	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	271430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	129037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	98351	55.717	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.440%			
35) Dibromofluoromethane	8.165	113	77865	49.397	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.800%			
50) Toluene-d8	10.565	98	278740	51.151	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.300%			
62) 4-Bromofluorobenzene	12.847	95	128273	57.054	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 114.100%			
Target Compounds			Qvalue			
3) Chloromethane	2.359	50	351	Below Cal	#	41
5) Bromomethane	2.901	94	223	0.261	ug/l #	2
6) Chloroethane	3.083	64	332	0.318	ug/l #	45
18) Methyl Acetate	5.024	43	3426	0.486	ug/l #	63
31) Cyclohexane	8.218	56	2947	1.155	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	11311	4.767	ug/l #	48
38) Carbon Tetrachloride	8.224	117	13888	5.160	ug/l #	18
43) Isopropyl Acetate	8.706	43	28607	7.330	ug/l #	57
71) Bromoform	12.847	173	574	0.407	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	74026	28.431	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	74026	74.463	ug/l #	9
93) 1,2,4-Trichlorobenzene	15.388	180	695	0.296	ug/l	92
95) Naphthalene	15.641	128	2565	0.359	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.835	180	724	0.323	ug/l #	80

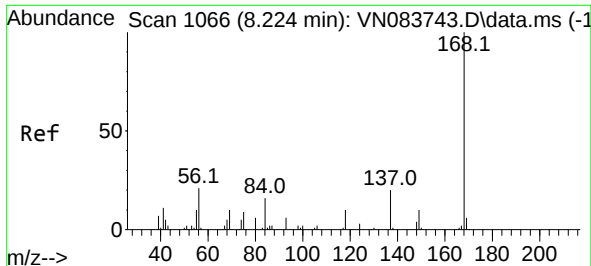
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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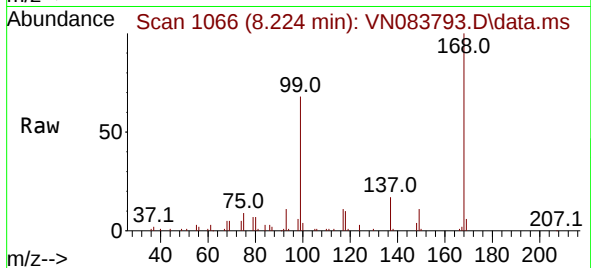
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



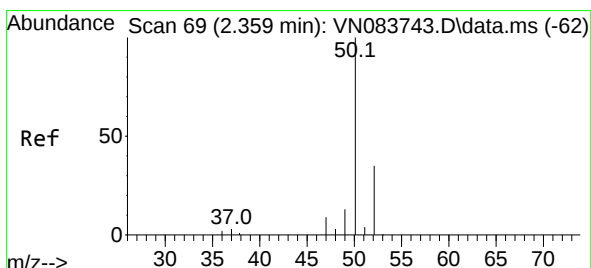
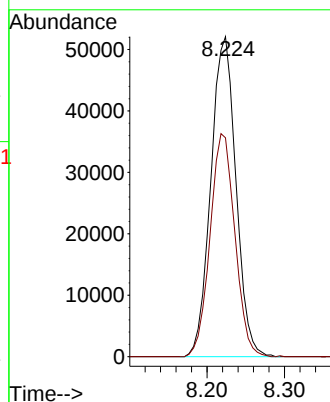
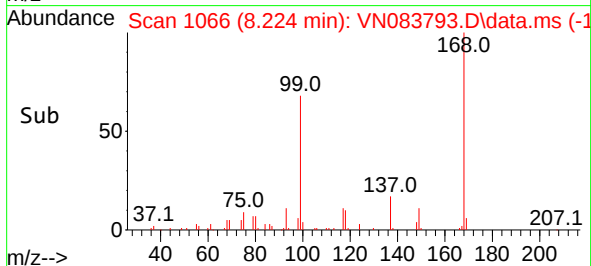


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083793.D
Acq: 11 Sep 2024 13:57

Instrument :
MSVOA_N
ClientSampleId :

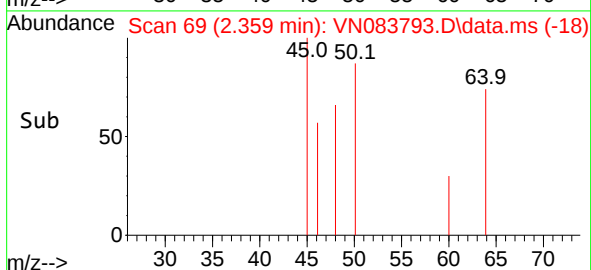
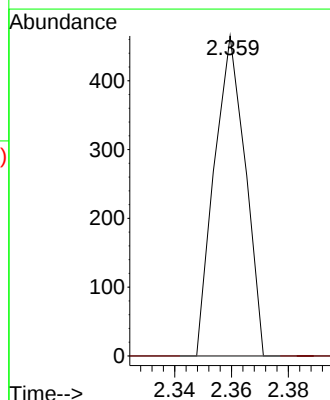
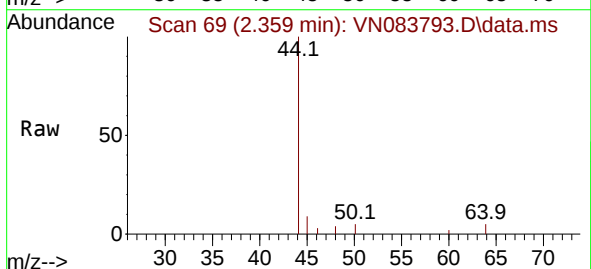


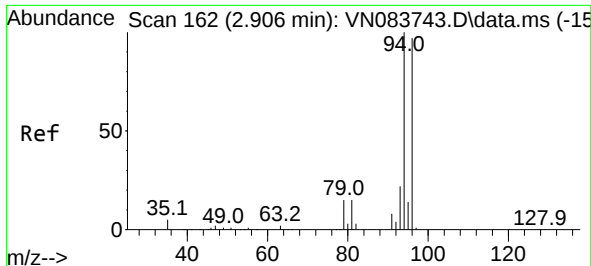
Tgt Ion:168 Resp: 117065
Ion Ratio Lower Upper
168 100
99 68.4 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083793.D
Acq: 11 Sep 2024 13:57

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

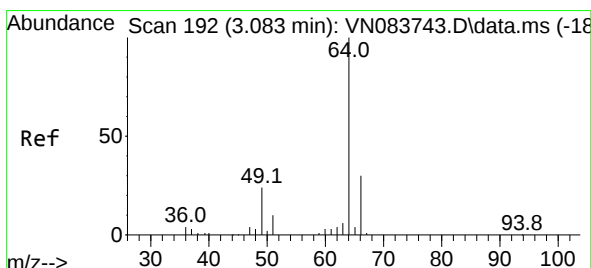
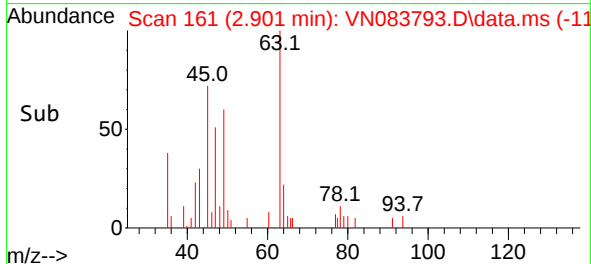
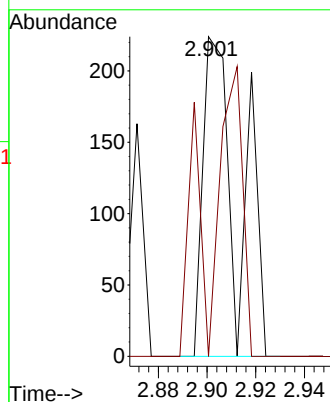
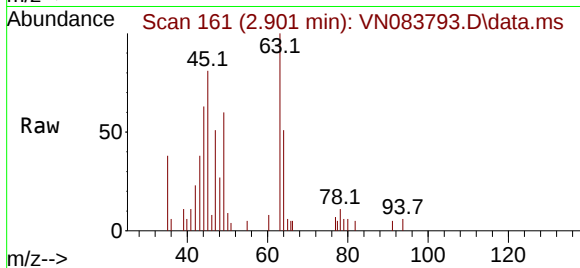




#5
Bromomethane
Concen: 0.261 ug/l
RT: 2.901 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083793.D
Acq: 11 Sep 2024 13:57

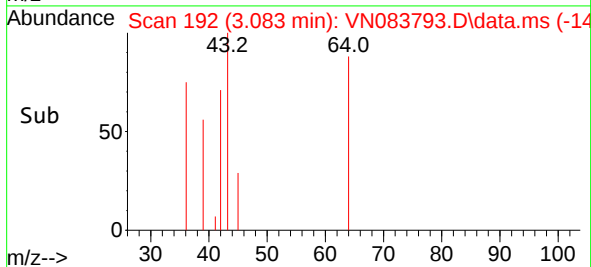
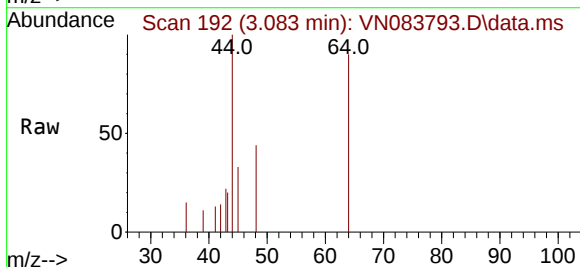
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 94 Resp: 223
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#



#6
Chloroethane
Concen: 0.318 ug/l
RT: 3.083 min Scan# 192
Delta R.T. -0.000 min
Lab File: VN083793.D
Acq: 11 Sep 2024 13:57

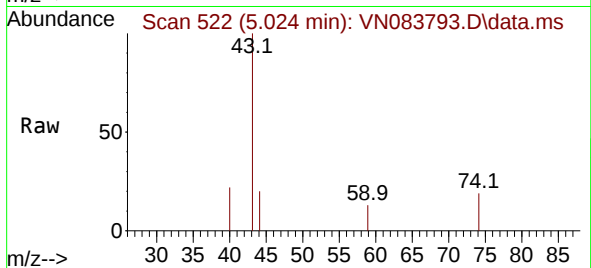
Tgt Ion: 64 Resp: 332
Ion Ratio Lower Upper
64 100
66 0.0 23.9 35.9#



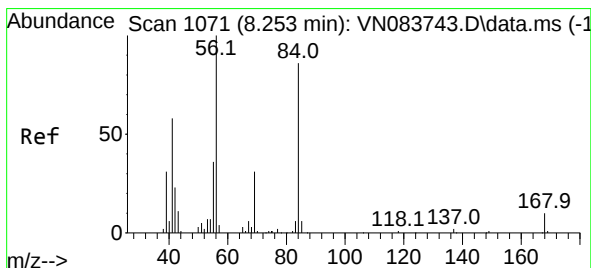
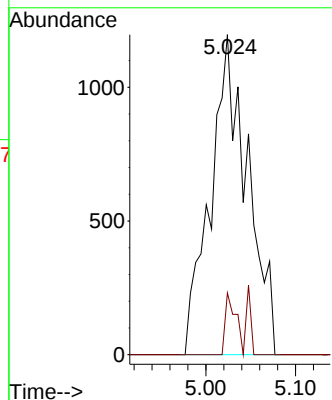
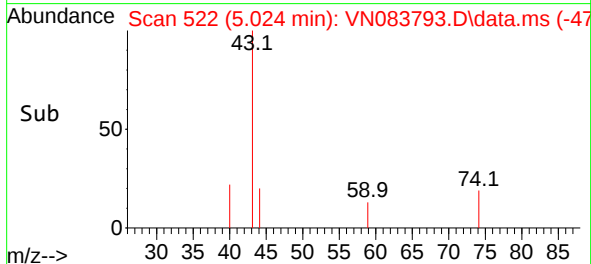


#18
Methyl Acetate
Concen: 0.486 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN083793.D
Acq: 11 Sep 2024 13:57

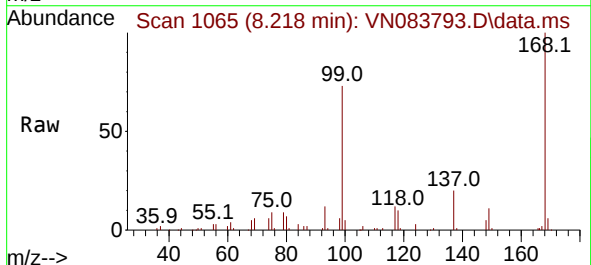
Instrument :
MSVOA_N
ClientSampleId :



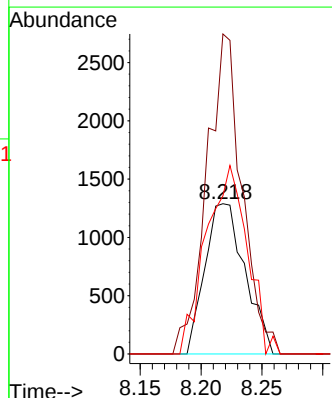
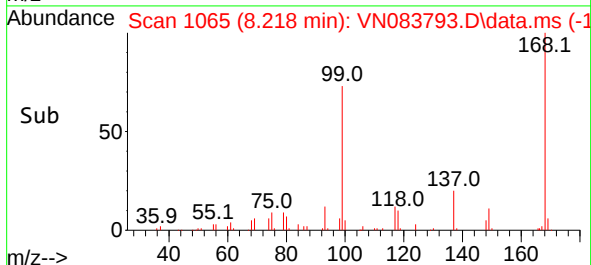
Tgt Ion: 43 Resp: 3426
Ion Ratio Lower Upper
43 100
74 5.5 19.0 28.4#

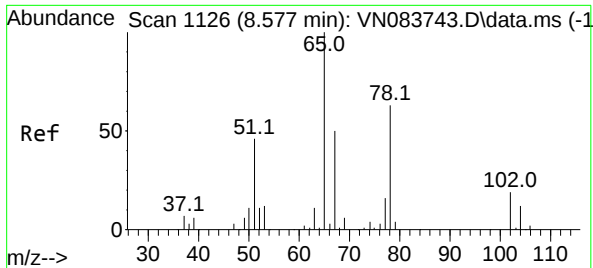


#31
Cyclohexane
Concen: 1.155 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN083793.D
Acq: 11 Sep 2024 13:57



Tgt Ion: 56 Resp: 2947
Ion Ratio Lower Upper
56 100
69 213.0 26.9 40.3#
84 105.2 69.2 103.8#





#33

1,2-Dichloroethane-d4

Concen: 55.717 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083793.D

Acq: 11 Sep 2024 13:57

Instrument :

MSVOA_N

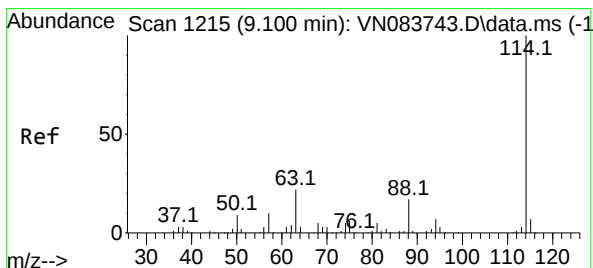
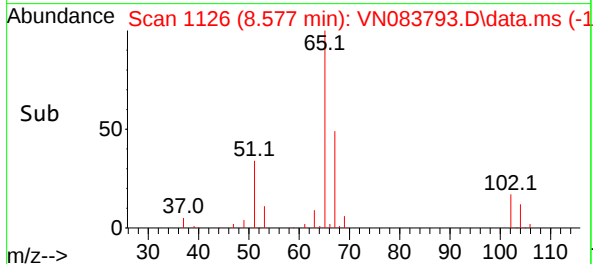
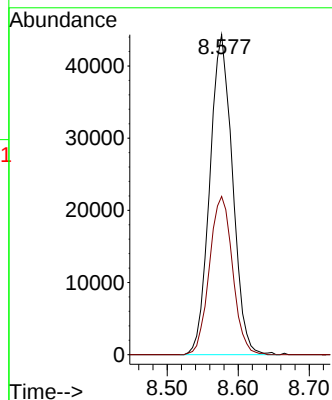
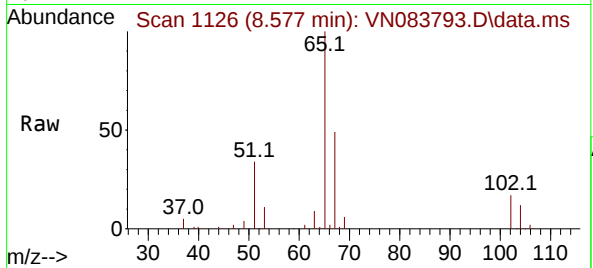
ClientSampleId :

Tgt Ion: 65 Resp: 98351

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: VN083793.D

Acq: 11 Sep 2024 13:57

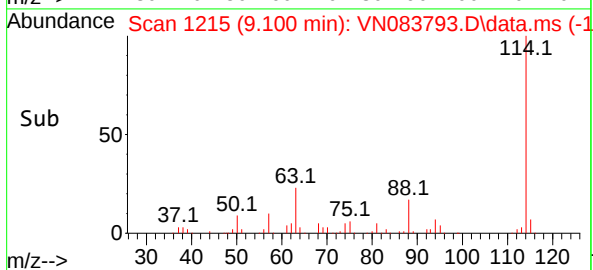
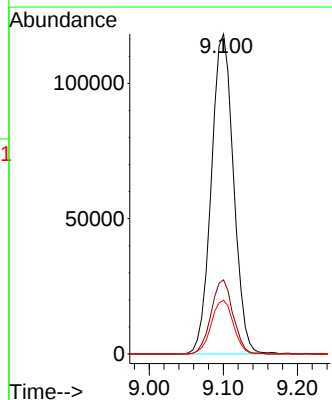
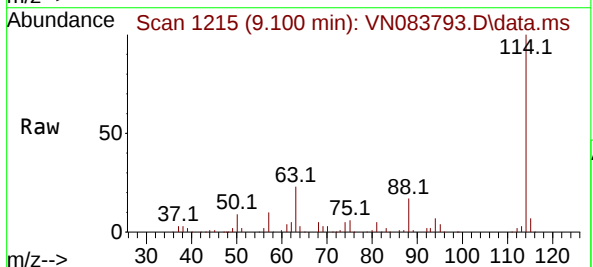
Tgt Ion: 114 Resp: 246226

Ion Ratio Lower Upper

114 100

63 23.1 0.0 43.4

88 16.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.397 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083793.D

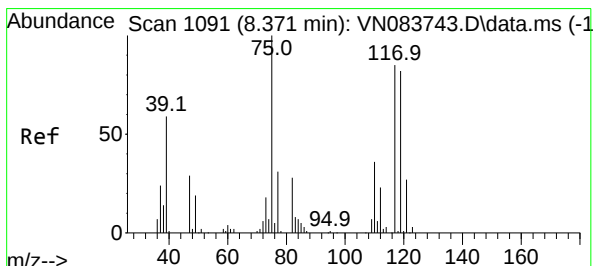
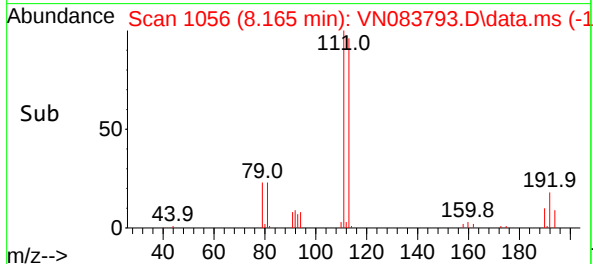
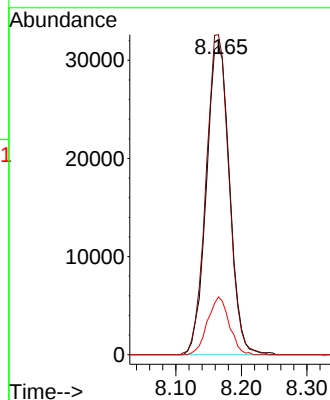
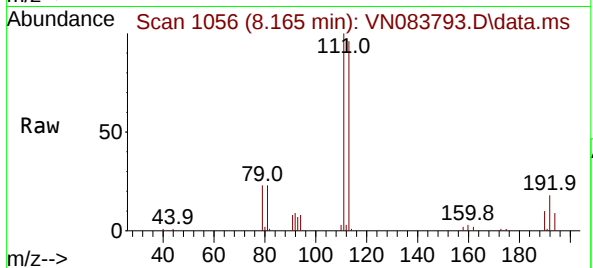
Acq: 11 Sep 2024 13:57

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:113	Resp:	77865
Ion	Ratio	Lower Upper
113	100	
111	102.0	82.6 124.0
192	17.3	14.3 21.5



#36

1,1-Dichloropropene

Concen: 4.767 ug/l

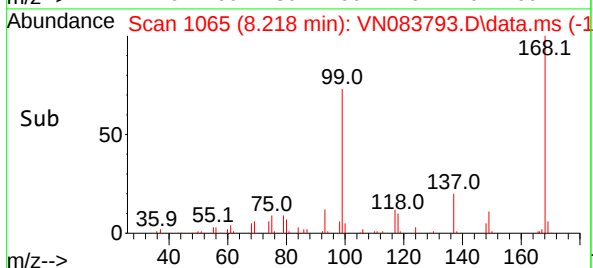
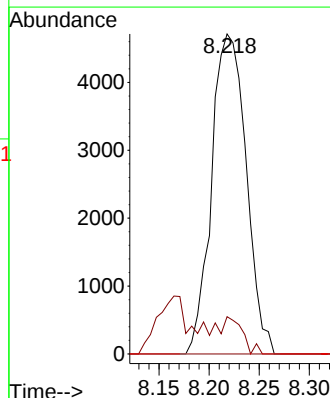
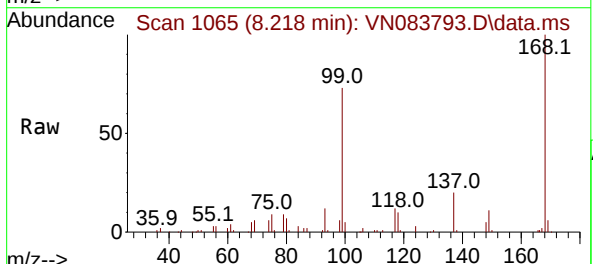
RT: 8.218 min Scan# 1065

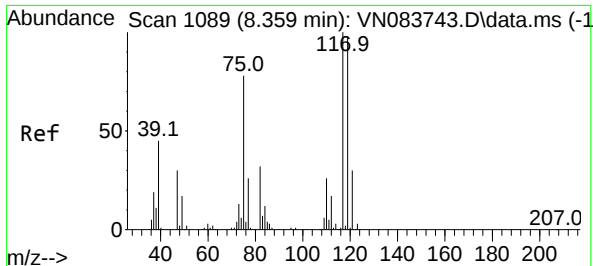
Delta R.T. -0.153 min

Lab File: VN083793.D

Acq: 11 Sep 2024 13:57

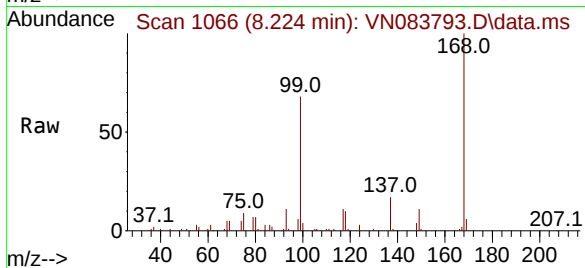
Tgt Ion: 75	Resp:	11311
Ion	Ratio	Lower Upper
75	100	
110	6.0	16.7 50.1#
77	0.0	25.2 37.8#



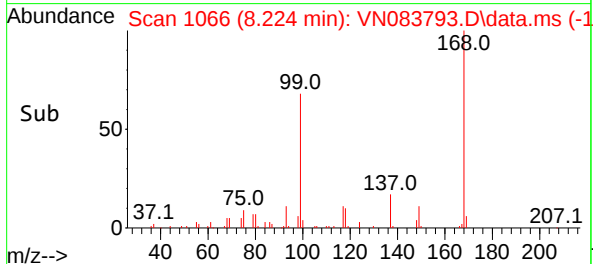
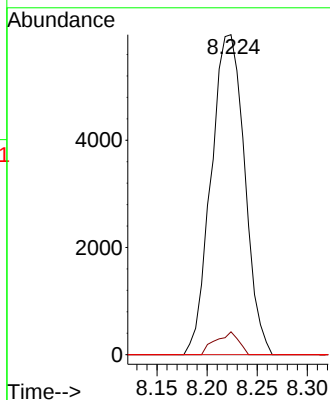


#38
Carbon Tetrachloride
Concen: 5.160 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.135 min
Lab File: VN083793.D
Acq: 11 Sep 2024 13:57

Instrument :
MSVOA_N
ClientSampleId :

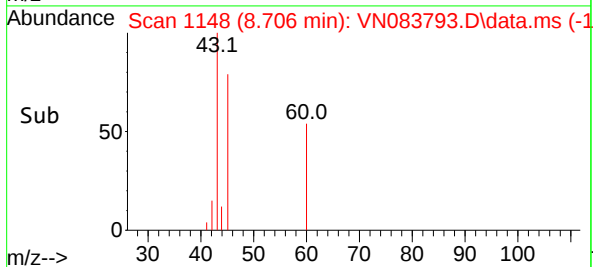
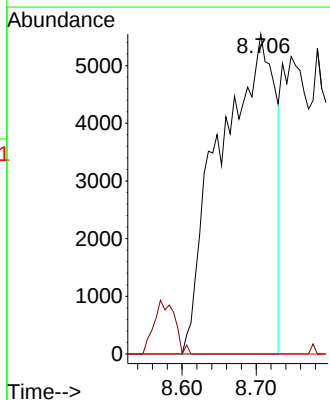
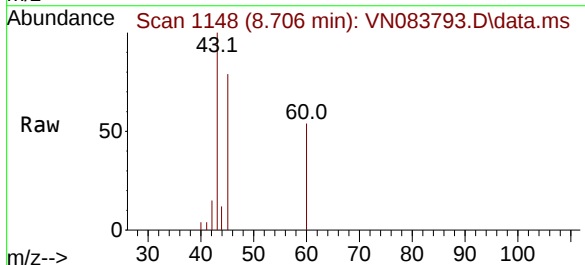


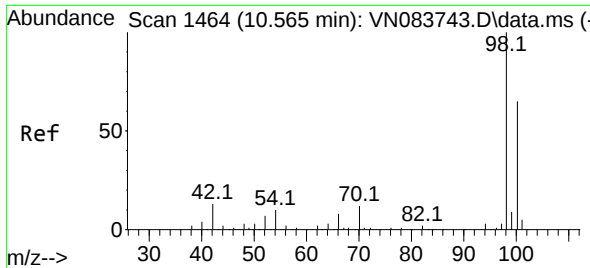
Tgt Ion:117 Resp: 13888
Ion Ratio Lower Upper
117 100
119 7.1 76.1 114.1#
121 0.0 24.1 36.1#



#43
Isopropyl Acetate
Concen: 7.330 ug/l
RT: 8.706 min Scan# 1148
Delta R.T. 0.018 min
Lab File: VN083793.D
Acq: 11 Sep 2024 13:57

Tgt Ion: 43 Resp: 28607
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#

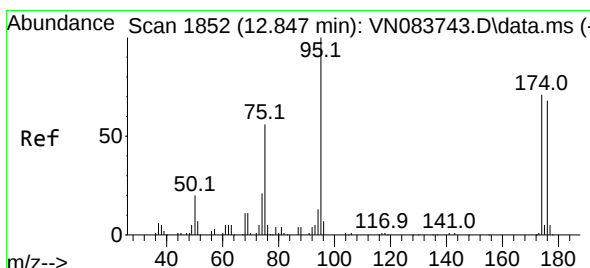
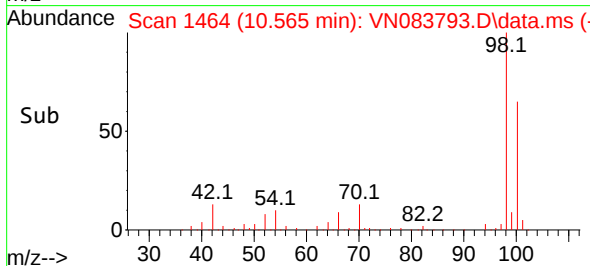
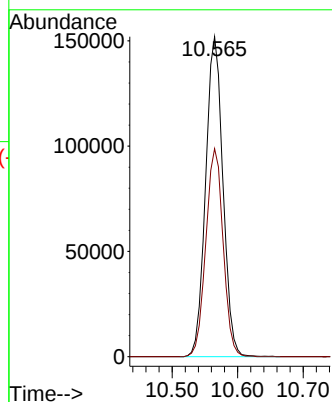
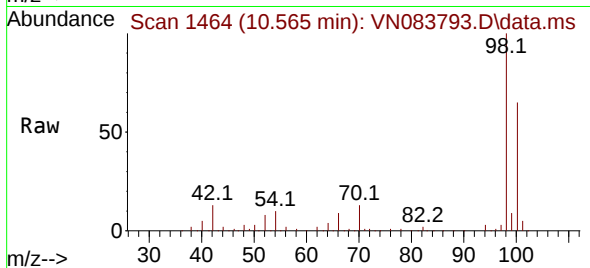




#50
Toluene-d8
Concen: 51.151 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083793.D
Acq: 11 Sep 2024 13:57

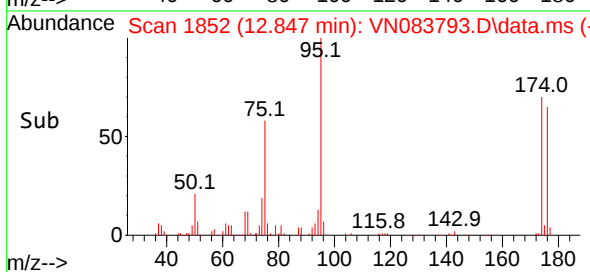
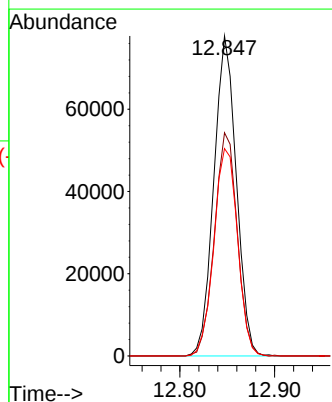
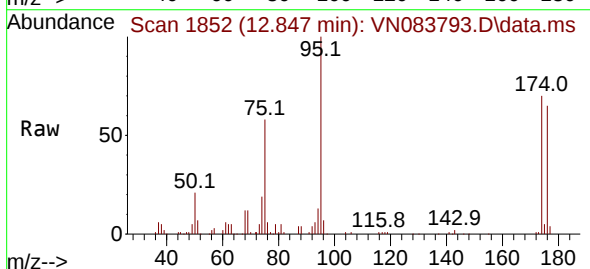
Instrument :
MSVOA_N
ClientSampleId :

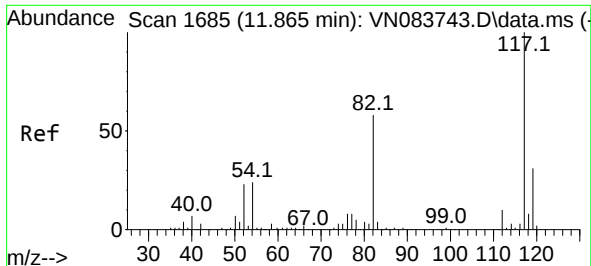
Tgt Ion: 98 Resp: 278740
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 57.054 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083793.D
Acq: 11 Sep 2024 13:57

Tgt Ion: 95 Resp: 128273
Ion Ratio Lower Upper
95 100
174 71.1 0.0 139.8
176 68.3 0.0 131.4

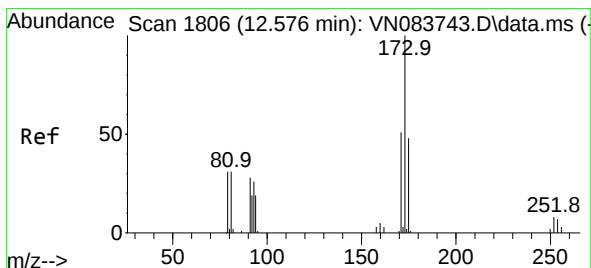
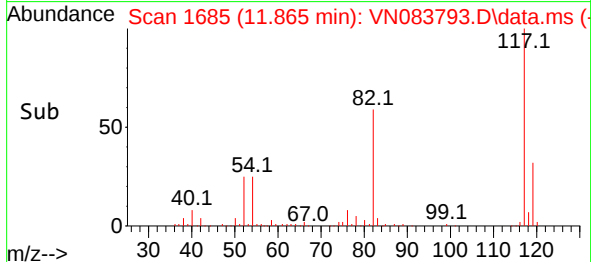
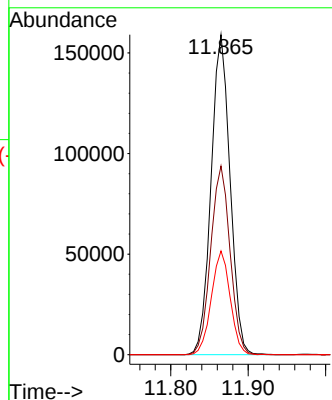
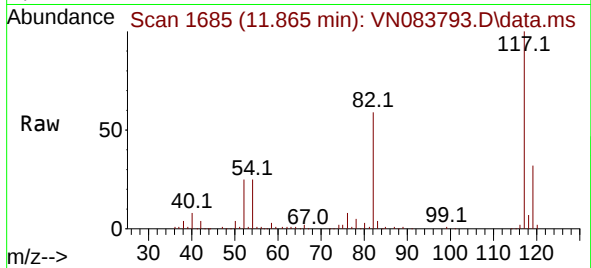




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083793.D
Acq: 11 Sep 2024 13:57

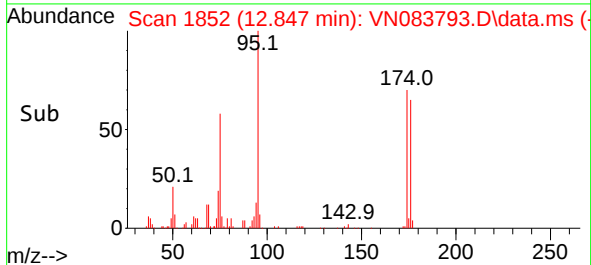
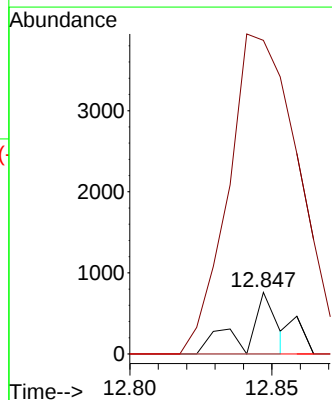
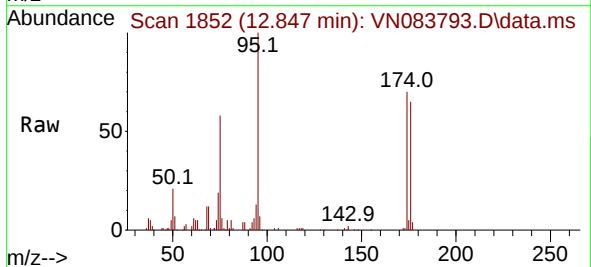
Instrument :
MSVOA_N
ClientSampleId :

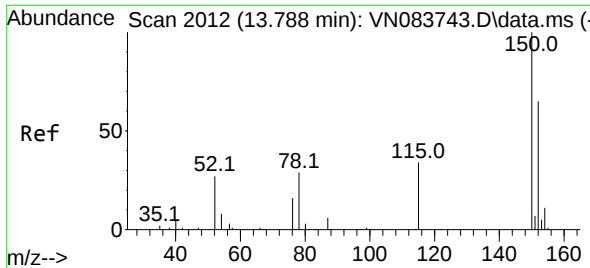
Tgt Ion:117 Resp: 271430
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.0
119 32.4 26.3 39.5



#71
Bromoform
Concen: 0.407 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN083793.D
Acq: 11 Sep 2024 13:57

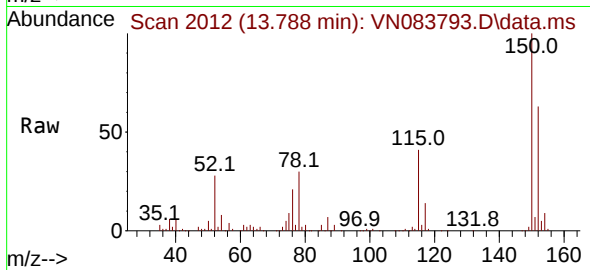
Tgt Ion:173 Resp: 574
Ion Ratio Lower Upper
173 100
175 905.4 24.1 72.2#
254 0.0 0.0 0.0



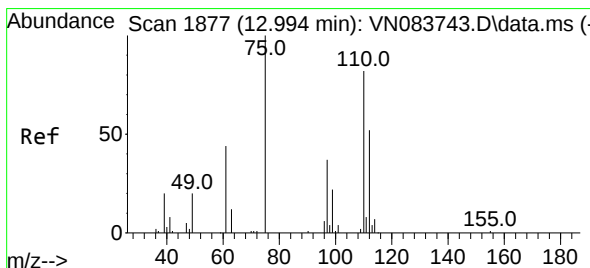
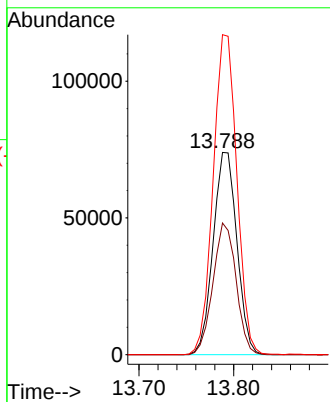
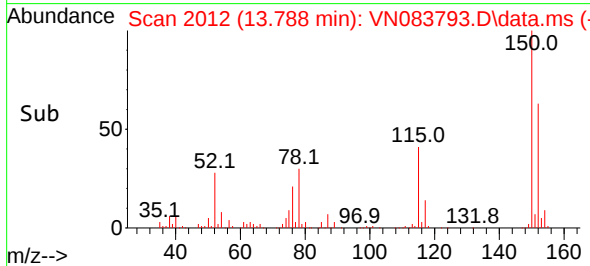


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN083793.D
Acq: 11 Sep 2024 13:57

Instrument :
MSVOA_N
ClientSampleId :

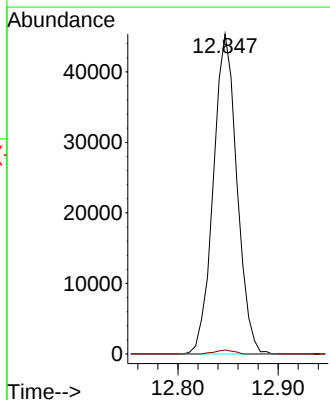
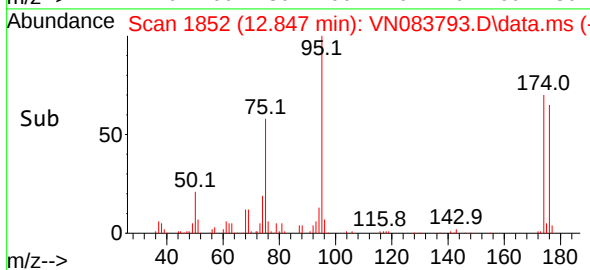
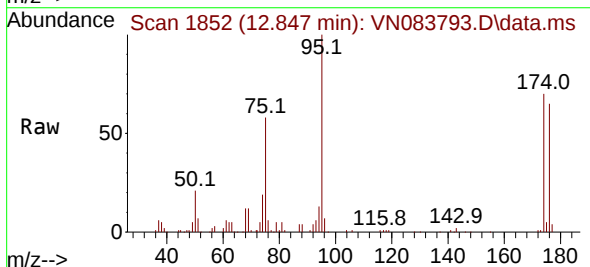


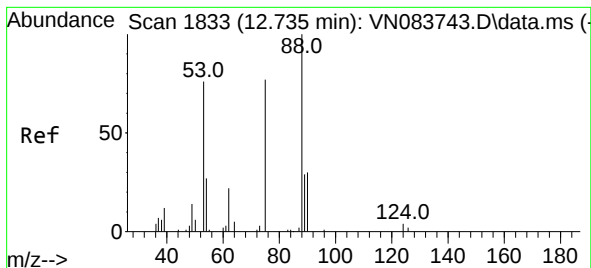
Tgt Ion:152 Resp: 129037
Ion Ratio Lower Upper
152 100
115 63.4 32.2 96.6
150 157.6 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 28.431 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083793.D
Acq: 11 Sep 2024 13:57

Tgt Ion: 75 Resp: 74026
Ion Ratio Lower Upper
75 100
77 1.0 95.2 285.6#

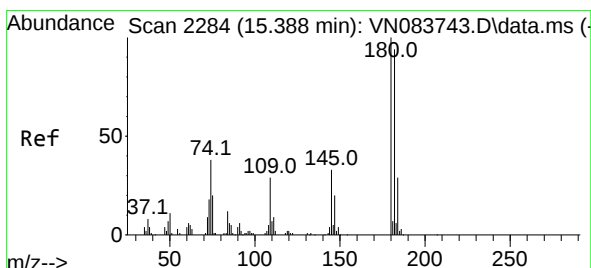
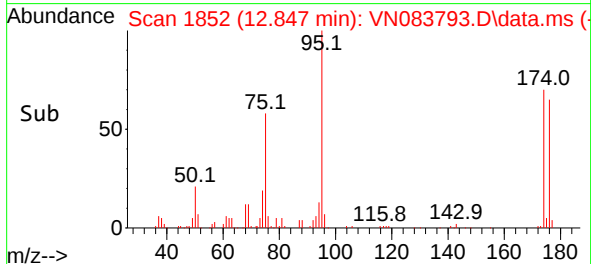
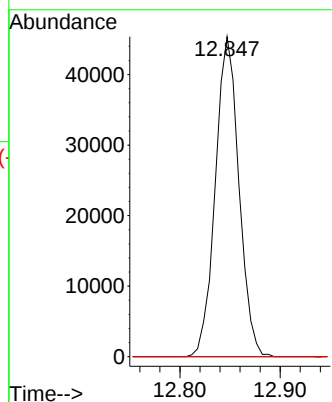
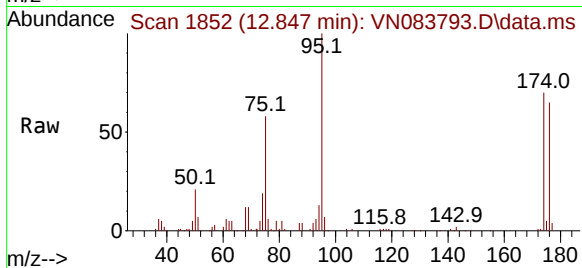




#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.463 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.112 min
 Lab File: VN083793.D
 Acq: 11 Sep 2024 13:57

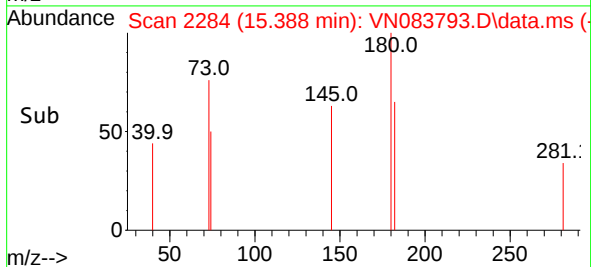
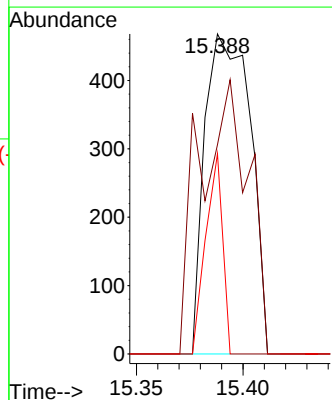
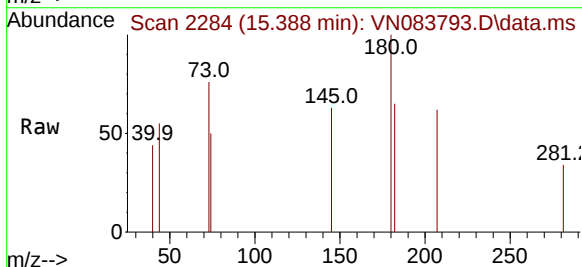
Instrument :
 MSVOA_N
 ClientSampleId :

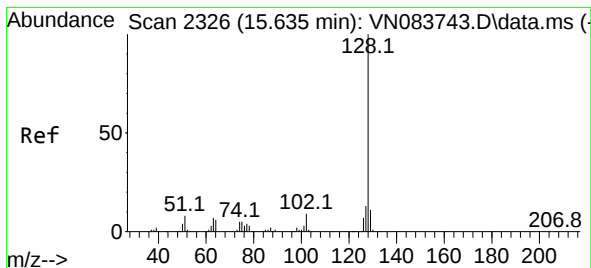
Tgt Ion: 75 Resp: 74026
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.2 121.8#
 89 0.0 35.7 53.5#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.296 ug/l
 RT: 15.388 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: VN083793.D
 Acq: 11 Sep 2024 13:57

Tgt Ion:180 Resp: 695
 Ion Ratio Lower Upper
 180 100
 182 91.9 48.1 144.3
 145 23.3 16.9 50.7





#95

Naphthalene

Concen: 0.359 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.006 min

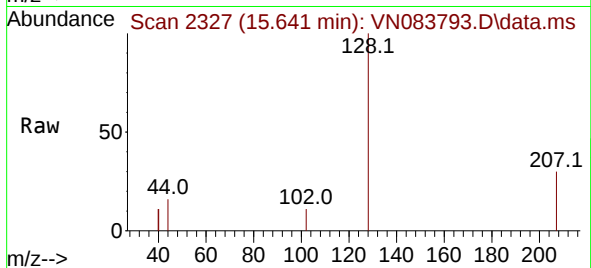
Lab File: VN083793.D

Acq: 11 Sep 2024 13:57

Instrument :

MSVOA_N

ClientSampleId :



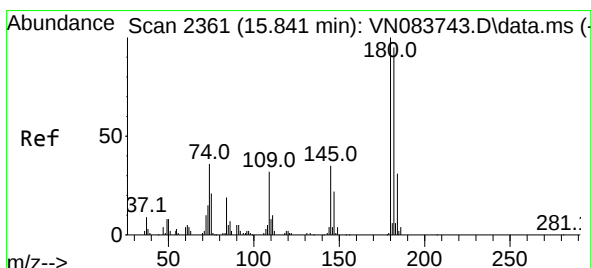
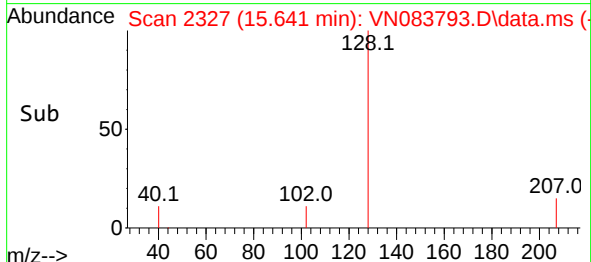
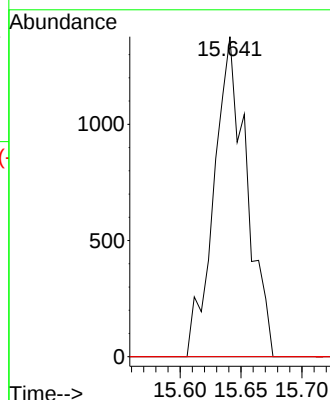
Tgt Ion:128 Resp: 2565

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

129 0.0 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 0.323 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.006 min

Lab File: VN083793.D

Acq: 11 Sep 2024 13:57

Tgt Ion:180 Resp: 724

Ion Ratio Lower Upper

180 100

182 104.8 47.1 141.4

145 9.5 17.8 53.5#

