

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
 Data File : VN083767.D
 Acq On : 11 Sep 2024 03:15
 Operator : JC\MD
 Sample : VN0910WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 11 05:16:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 03:05:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	123972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	258117	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	277034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	132094	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	98823	52.866	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 105.740%		
35) Dibromofluoromethane	8.165	113	80014	48.422	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 96.840%		
50) Toluene-d8	10.565	98	277340	48.549	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 97.100%		
62) 4-Bromofluorobenzene	12.847	95	129036	54.749	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 109.500%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	676	Below Cal	#	53
5) Bromomethane	2.900	94	233	0.257	ug/l #	62
13) Acrolein	4.194	56	62	0.251	ug/l #	13
17) Carbon Disulfide	4.694	76	1013	0.270	ug/l #	75
18) Methyl Acetate	5.036	43	1752	Below Cal	#	59
31) Cyclohexane	8.218	56	3521	1.303	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	11421	4.592	ug/l #	53
38) Carbon Tetrachloride	8.224	117	14310	5.071	ug/l #	18
51) 4-Methyl-2-Pentanone	10.565	43	1317	0.591	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	74950	28.120	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	74950	73.647	ug/l #	9
87) 1,3-Dichlorobenzene	13.735	146	1070	0.230	ug/l	96
88) 1,4-Dichlorobenzene	13.735	146	1070	0.228	ug/l	96
93) 1,2,4-Trichlorobenzene	15.382	180	1026	0.427	ug/l	87
95) Naphthalene	15.641	128	2204	0.301	ug/l #	73
96) 1,2,3-Trichlorobenzene	15.841	180	832	0.362	ug/l	87

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

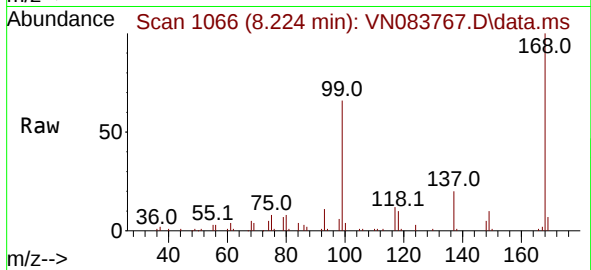
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 03:05:46 2024
Response via : Initial Calibration



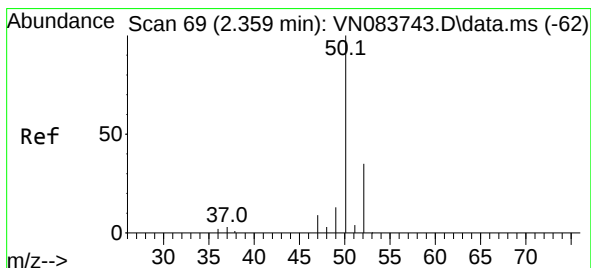
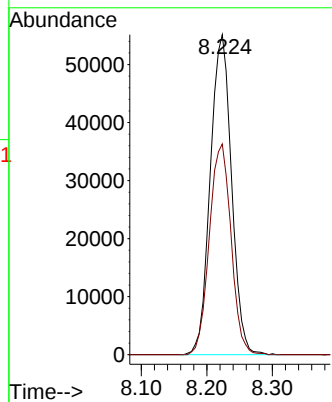
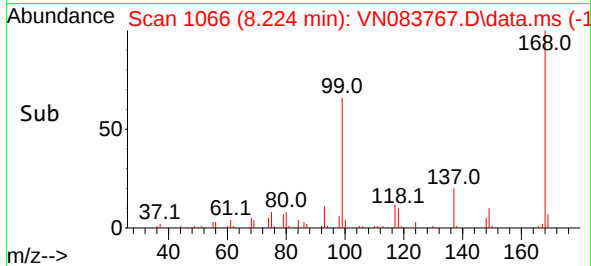


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083767.D
Acq: 11 Sep 2024 03:15

Instrument :
MSVOA_N
ClientSampleId :

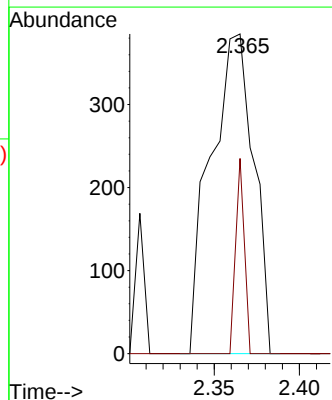
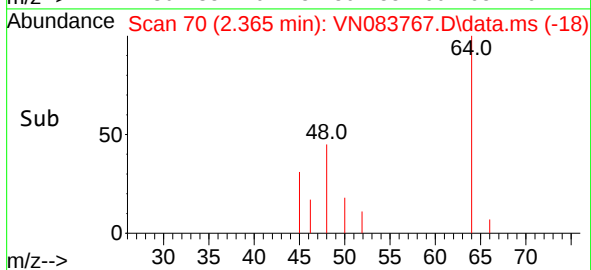
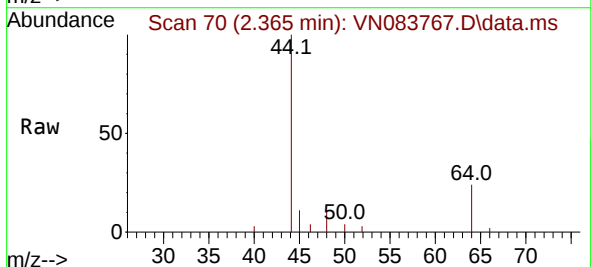


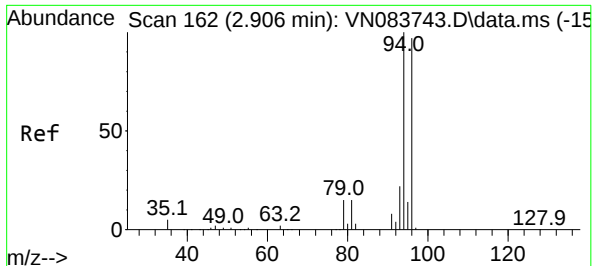
Tgt Ion:168 Resp: 123972
Ion Ratio Lower Upper
168 100
99 65.8 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083767.D
Acq: 11 Sep 2024 03:15

Tgt Ion: 50 Resp: 676
Ion Ratio Lower Upper
50 100
52 61.0 27.2 40.8#

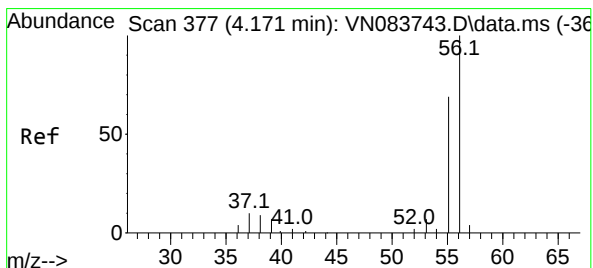
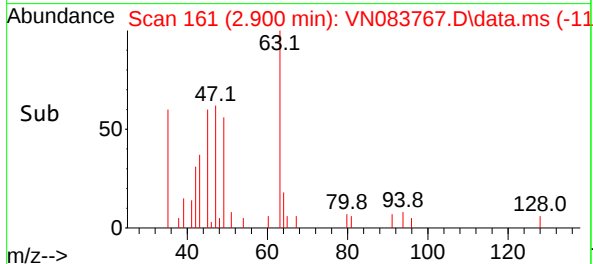
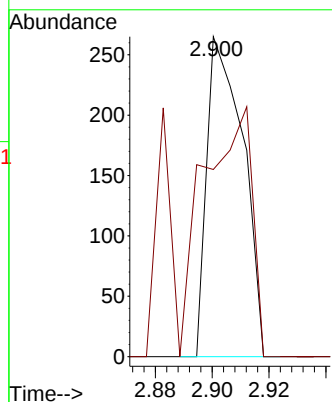
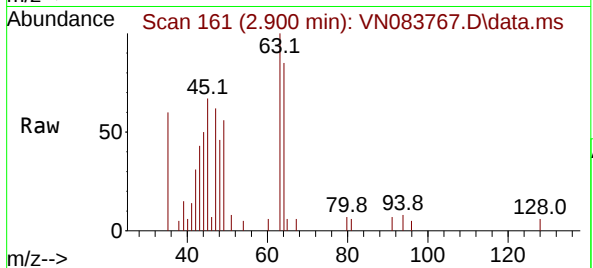




#5
Bromomethane
Concen: 0.257 ug/l
RT: 2.900 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083767.D
Acq: 11 Sep 2024 03:15

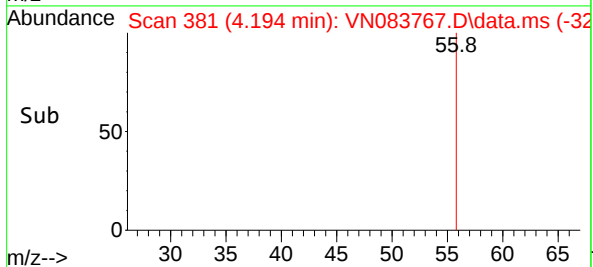
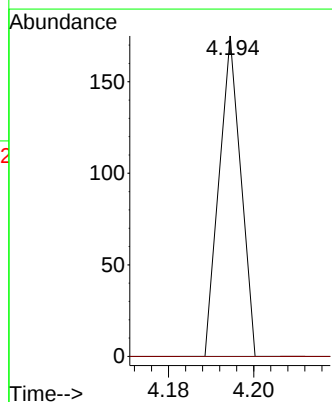
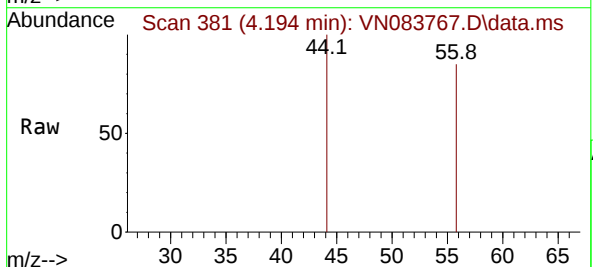
Instrument :
MSVOA_N
ClientSampleId :

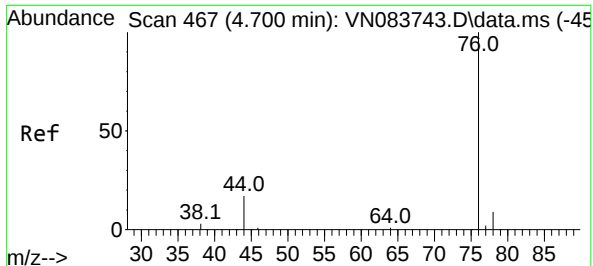
Tgt Ion: 94 Resp: 233
Ion Ratio Lower Upper
94 100
96 58.5 76.0 114.0#



#13
Acrolein
Concen: 0.251 ug/l
RT: 4.194 min Scan# 381
Delta R.T. 0.023 min
Lab File: VN083767.D
Acq: 11 Sep 2024 03:15

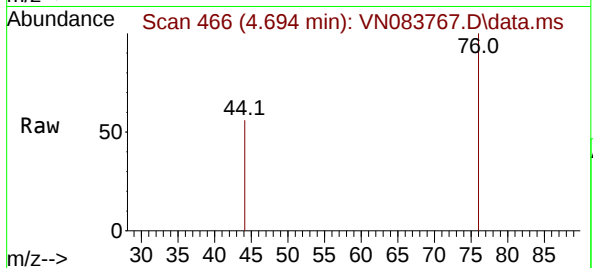
Tgt Ion: 56 Resp: 62
Ion Ratio Lower Upper
56 100
55 0.0 58.2 87.2#



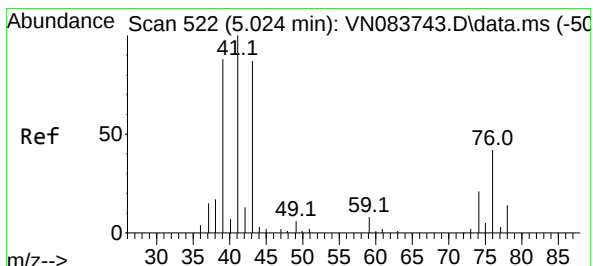
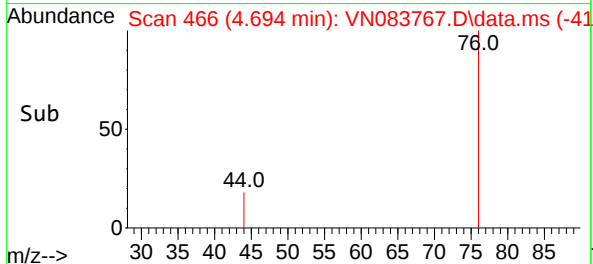
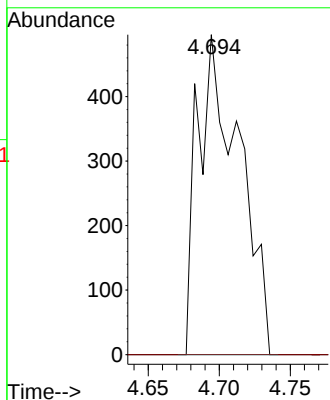


#17
Carbon Disulfide
Concen: 0.270 ug/l
RT: 4.694 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN083767.D
Acq: 11 Sep 2024 03:15

Instrument :
MSVOA_N
ClientSampleId :

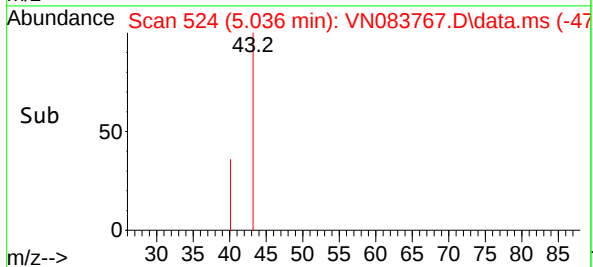
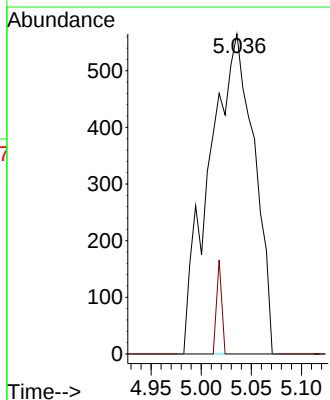
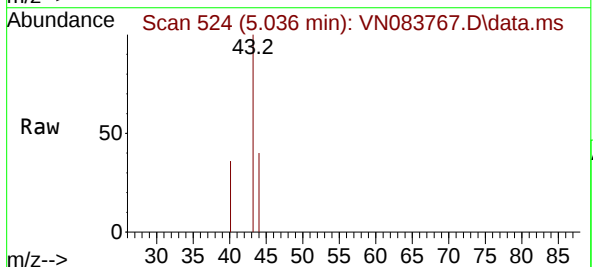


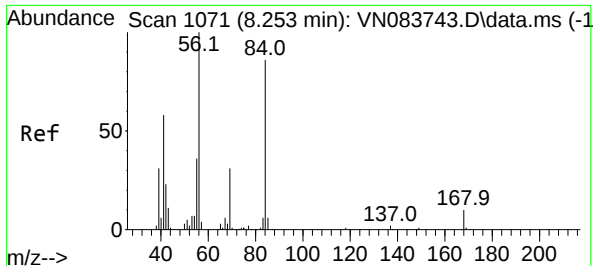
Tgt Ion: 76 Resp: 1013
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN083767.D
Acq: 11 Sep 2024 03:15

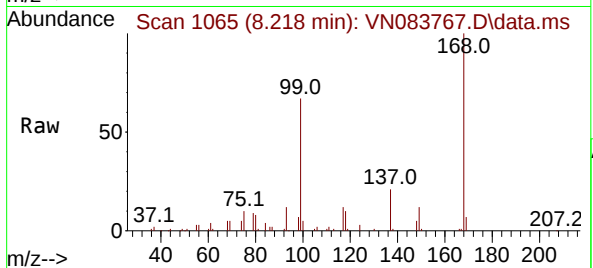
Tgt Ion: 43 Resp: 1752
Ion Ratio Lower Upper
43 100
74 3.4 19.0 28.4#



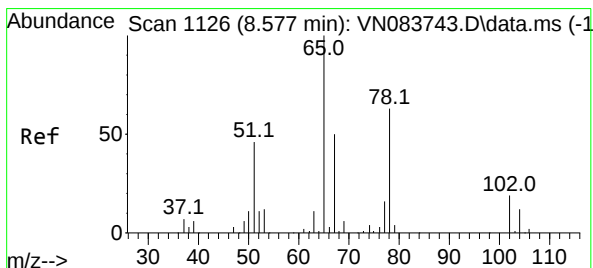
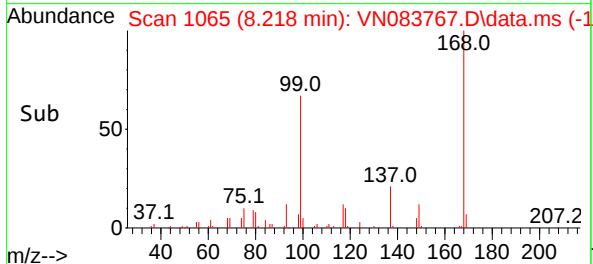
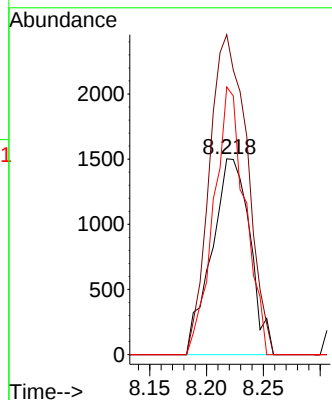


#31
Cyclohexane
Concen: 1.303 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN083767.D
Acq: 11 Sep 2024 03:15

Instrument :
MSVOA_N
ClientSampleId :

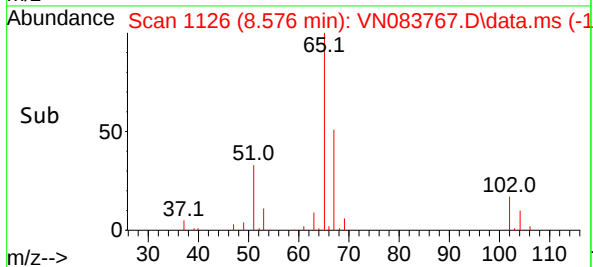
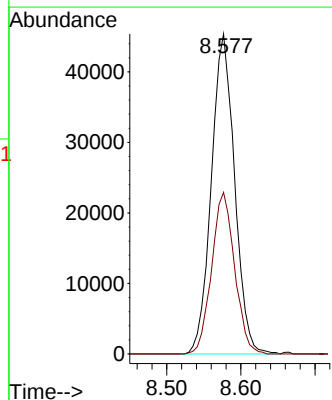
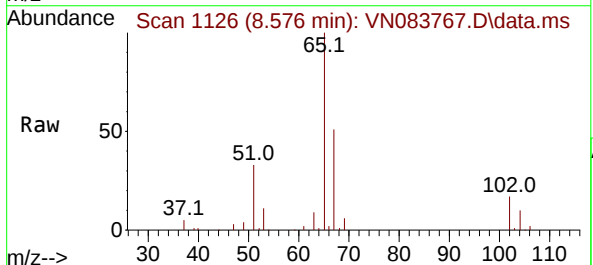


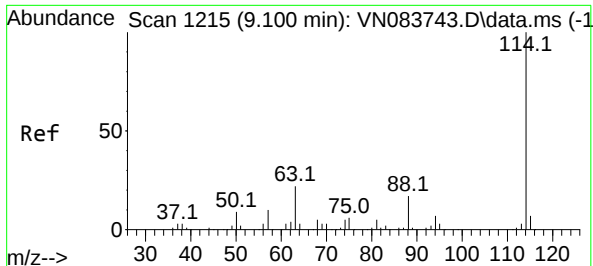
Tgt Ion: 56 Resp: 3521
Ion Ratio Lower Upper
56 100
69 163.4 26.9 40.3#
84 136.7 69.2 103.8#



#33
1,2-Dichloroethane-d4
Concen: 52.866 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083767.D
Acq: 11 Sep 2024 03:15

Tgt Ion: 65 Resp: 98823
Ion Ratio Lower Upper
65 100
67 49.8 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: VN083767.D

Acq: 11 Sep 2024 03:15

Instrument :

MSVOA_N

ClientSampleId :

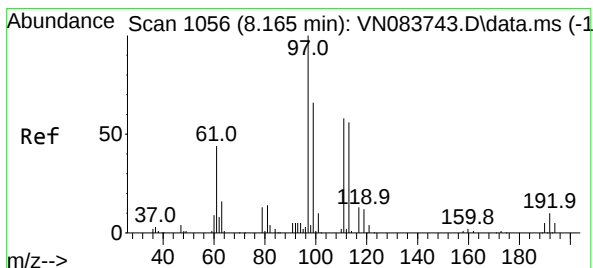
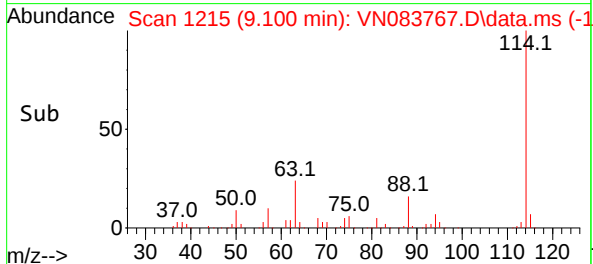
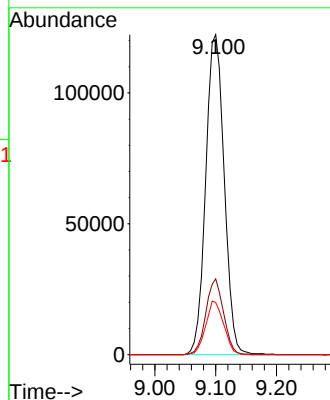
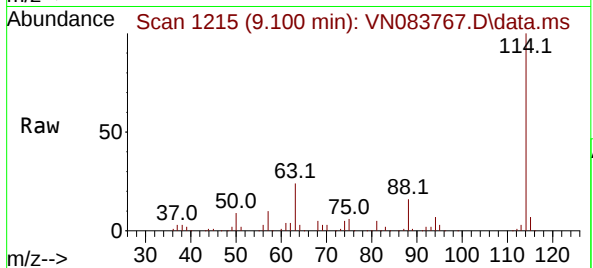
Tgt Ion:114 Resp: 258117

Ion Ratio Lower Upper

114 100

63 23.7 0.0 43.4

88 16.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.422 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083767.D

Acq: 11 Sep 2024 03:15

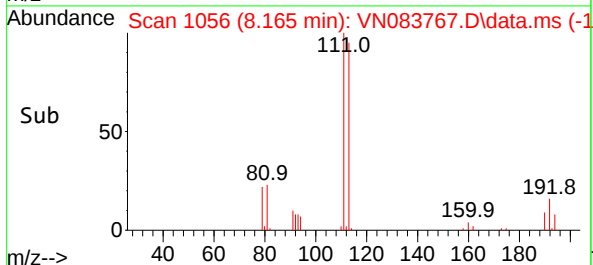
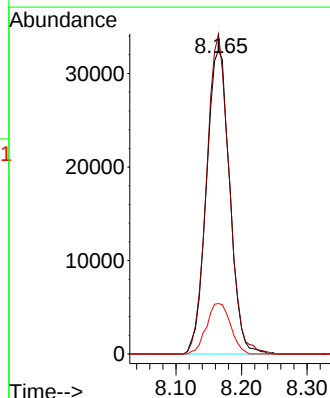
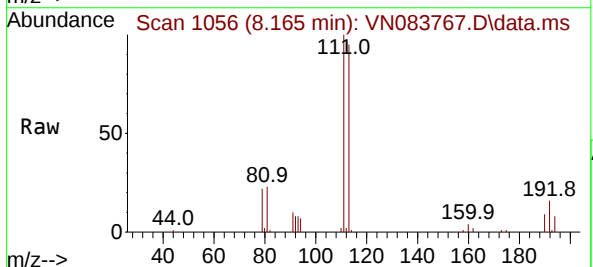
Tgt Ion:113 Resp: 80014

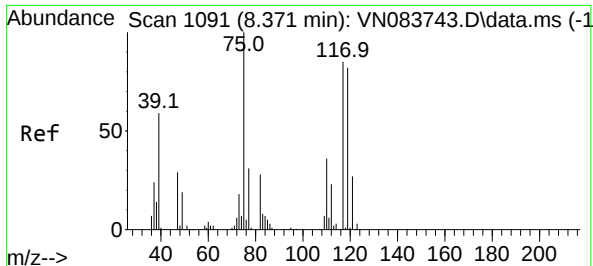
Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

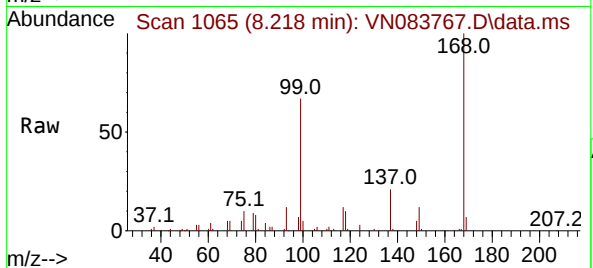
192 17.2 14.3 21.5



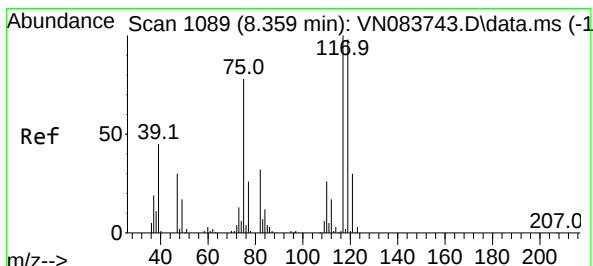
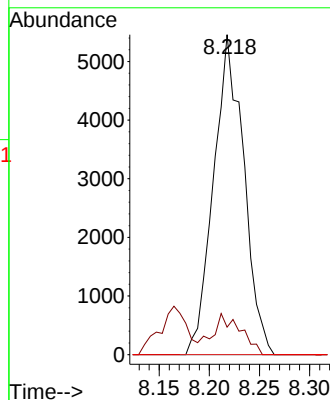
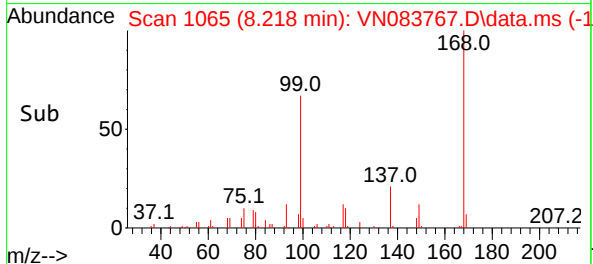


#36
1,1-Dichloropropene
Concen: 4.592 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN083767.D
Acq: 11 Sep 2024 03:15

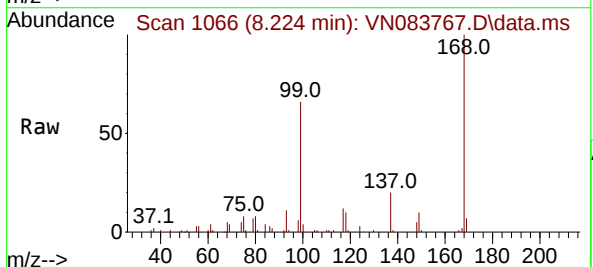
Instrument :
MSVOA_N
ClientSampleId :



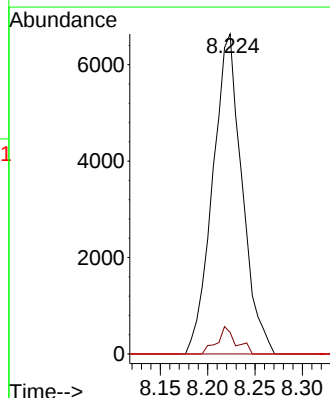
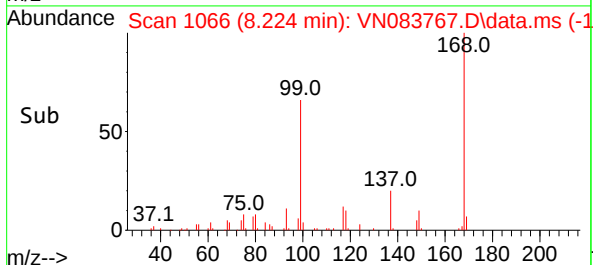
Tgt Ion: 75 Resp: 11421
Ion Ratio Lower Upper
75 100
110 12.0 16.7 50.1#
77 0.0 25.2 37.8#

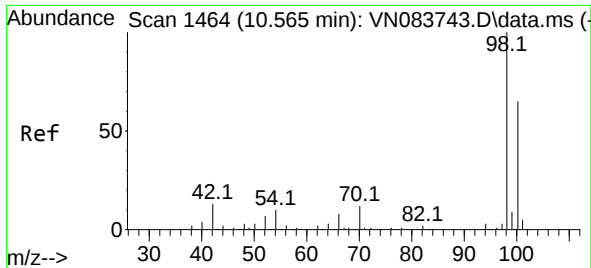


#38
Carbon Tetrachloride
Concen: 5.071 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN083767.D
Acq: 11 Sep 2024 03:15



Tgt Ion: 117 Resp: 14310
Ion Ratio Lower Upper
117 100
119 6.7 76.1 114.1#
121 0.0 24.1 36.1#

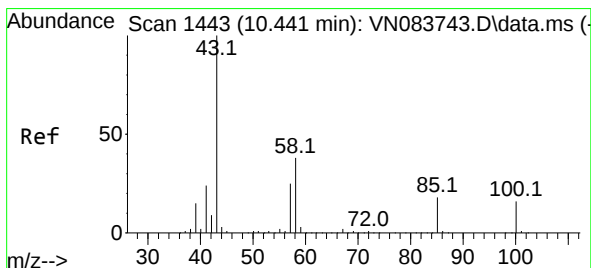
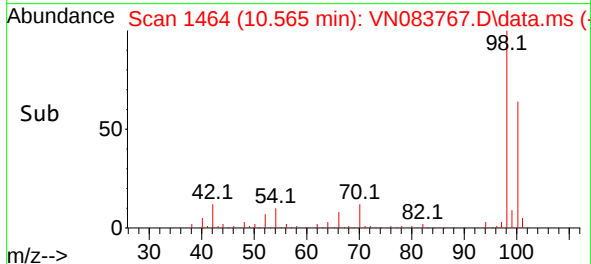
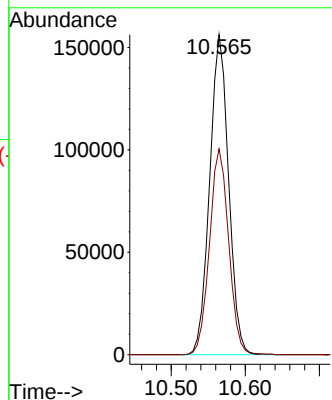
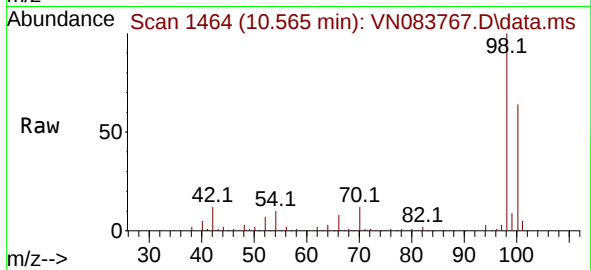




#50
Toluene-d8
Concen: 48.549 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083767.D
Acq: 11 Sep 2024 03:15

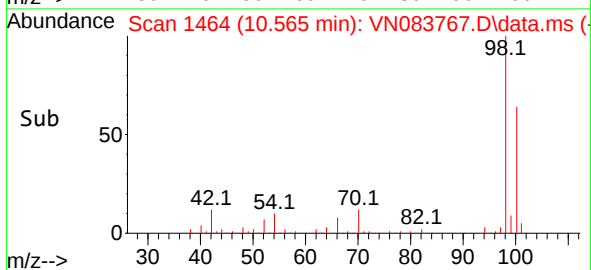
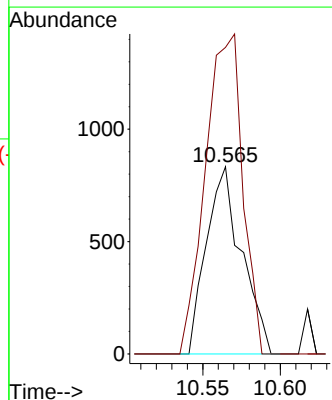
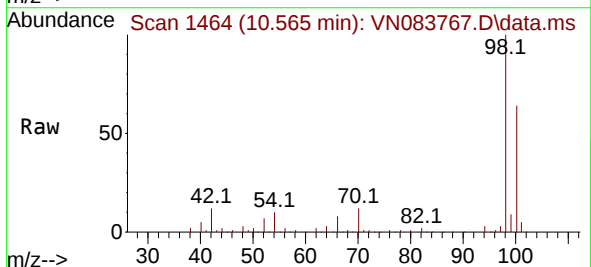
Instrument :
MSVOA_N
ClientSampleId :

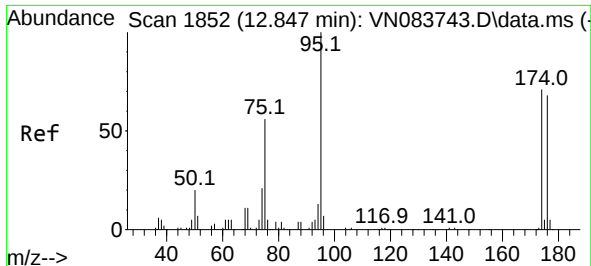
Tgt Ion: 98 Resp: 277340
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.591 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.123 min
Lab File: VN083767.D
Acq: 11 Sep 2024 03:15

Tgt Ion: 43 Resp: 1317
Ion Ratio Lower Upper
43 100
58 180.5 31.6 47.4#

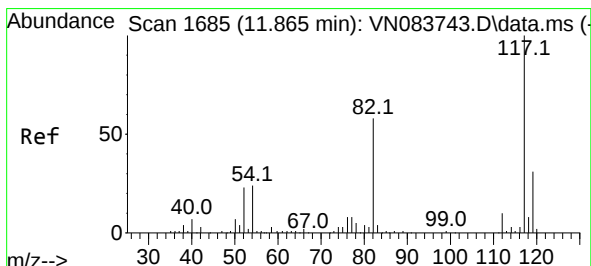
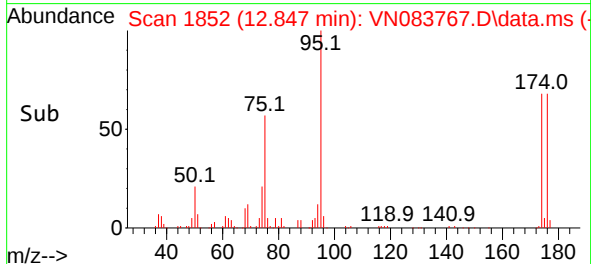
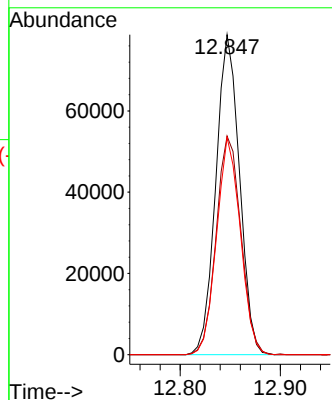
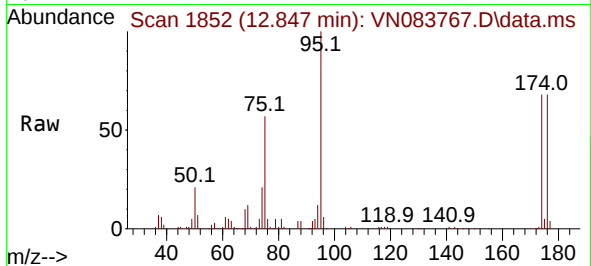




#62
4-Bromofluorobenzene
Concen: 54.749 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083767.D
Acq: 11 Sep 2024 03:15

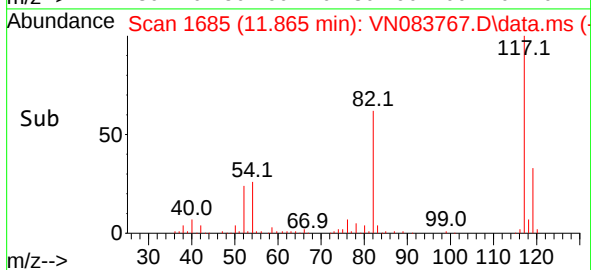
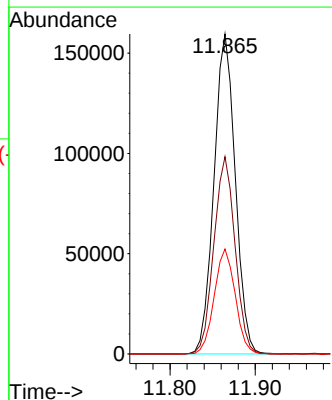
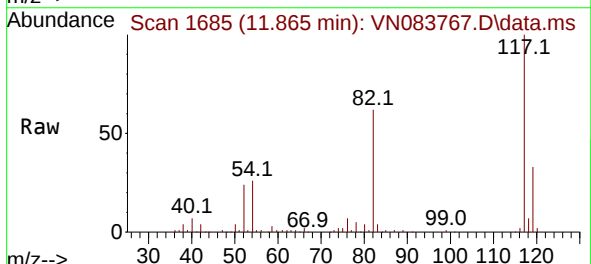
Instrument :
MSVOA_N
ClientSampleId :

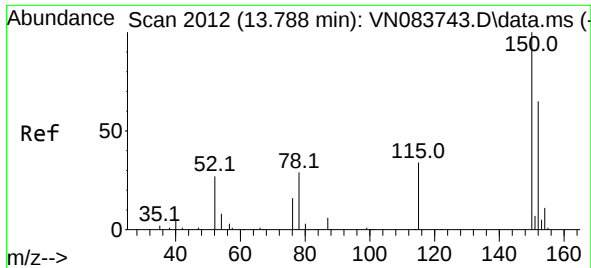
Tgt Ion: 95 Resp: 129036
Ion Ratio Lower Upper
95 100
174 71.7 0.0 139.8
176 68.3 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083767.D
Acq: 11 Sep 2024 03:15

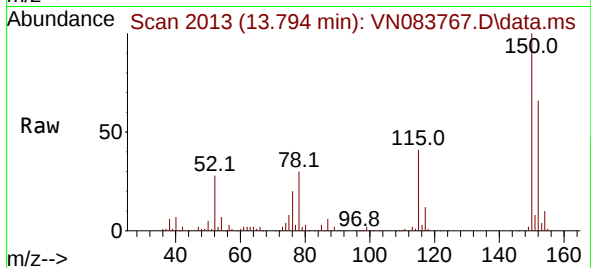
Tgt Ion: 117 Resp: 277034
Ion Ratio Lower Upper
117 100
82 61.7 47.4 71.0
119 32.8 26.3 39.5



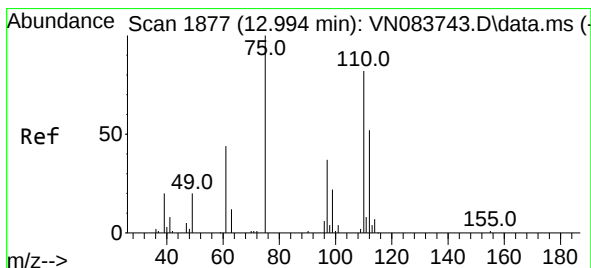
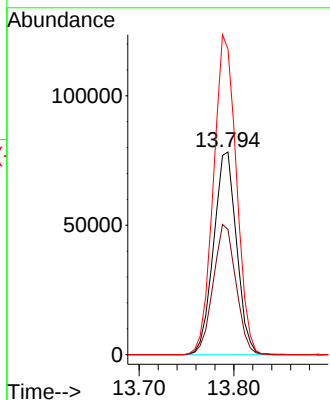
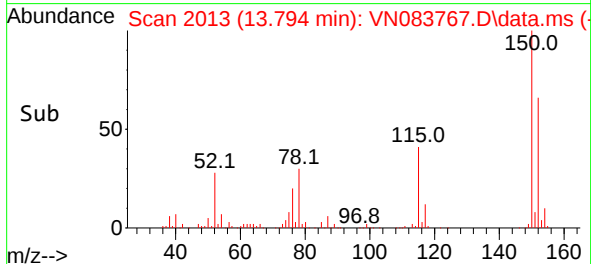


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2012
Delta R.T. 0.006 min
Lab File: VN083767.D
Acq: 11 Sep 2024 03:15

Instrument :
MSVOA_N
ClientSampleId :

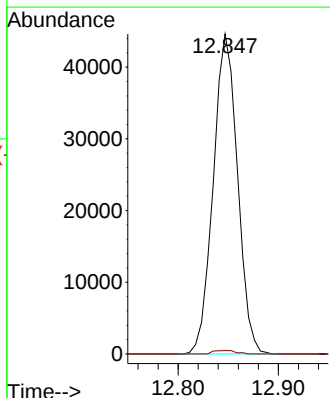
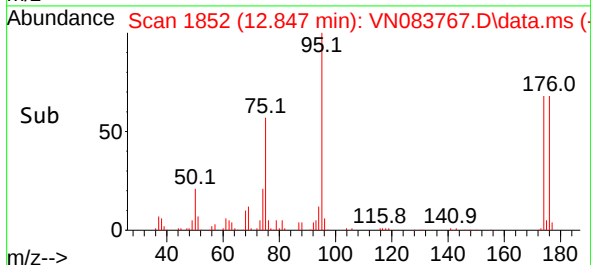
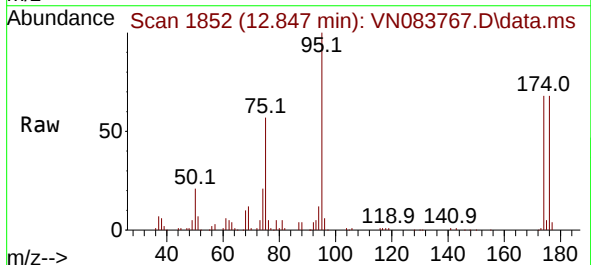


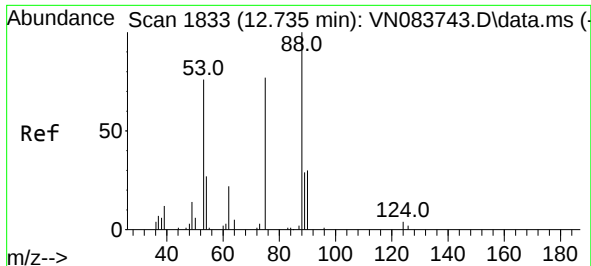
Tgt Ion:152 Resp: 132094
Ion Ratio Lower Upper
152 100
115 63.9 32.2 96.6
150 157.7 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 28.120 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083767.D
Acq: 11 Sep 2024 03:15

Tgt Ion: 75 Resp: 74950
Ion Ratio Lower Upper
75 100
77 1.0 95.2 285.6#

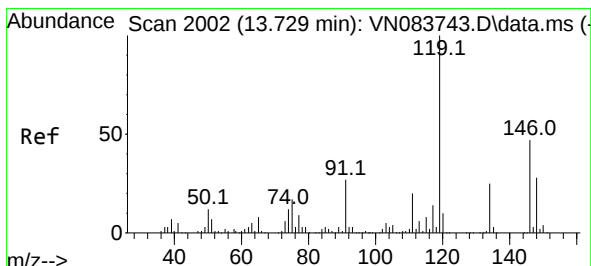
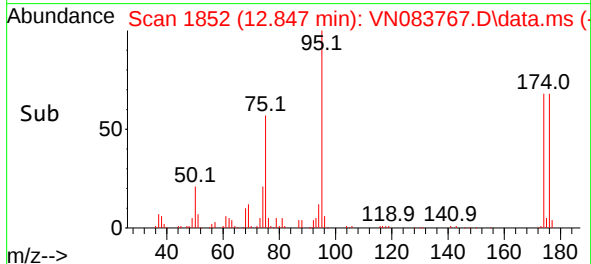
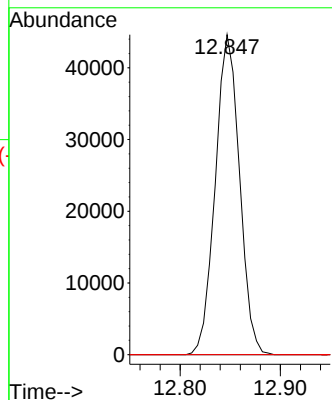
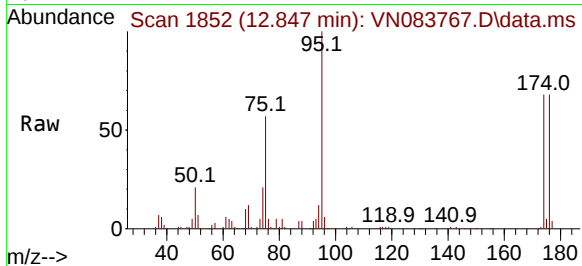




#81
trans-1,4-Dichloro-2-butene
Concen: 73.647 ug/l
RT: 12.847 min Scan# 1833
Delta R.T. 0.112 min
Lab File: VN083767.D
Acq: 11 Sep 2024 03:15

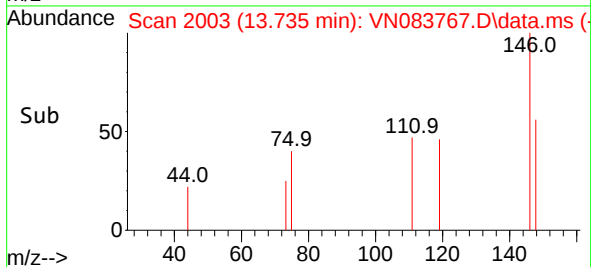
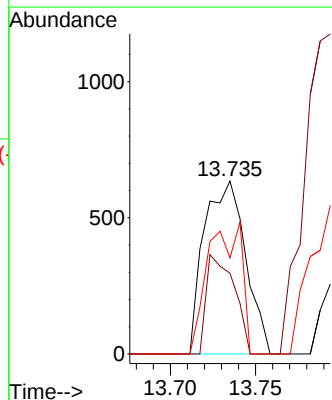
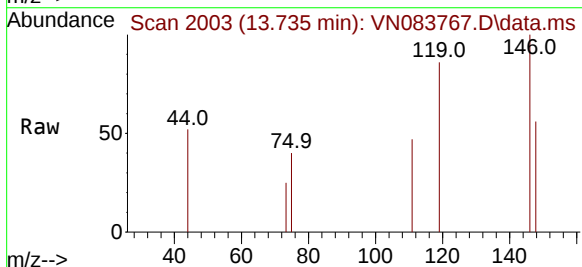
Instrument :
MSVOA_N
ClientSampleId :

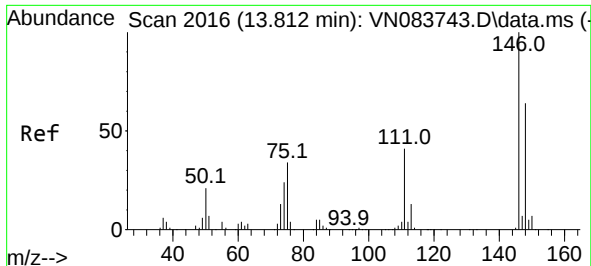
Tgt Ion: 75 Resp: 74950
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#



#87
1,3-Dichlorobenzene
Concen: 0.230 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN083767.D
Acq: 11 Sep 2024 03:15

Tgt Ion:146 Resp: 1070
Ion Ratio Lower Upper
146 100
111 38.6 21.7 65.1
148 61.8 31.7 95.1

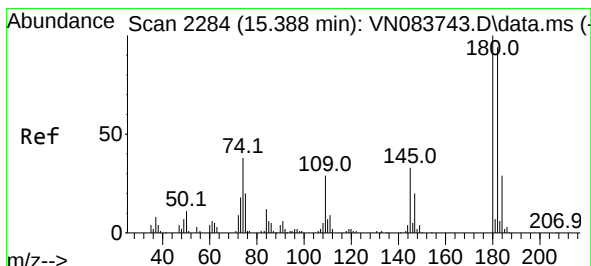
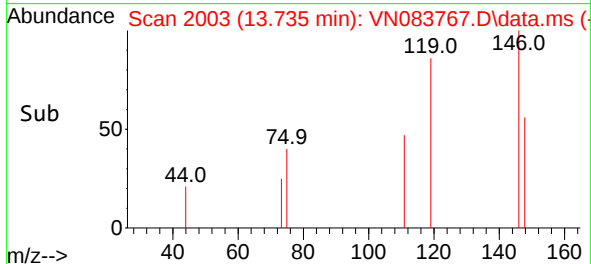
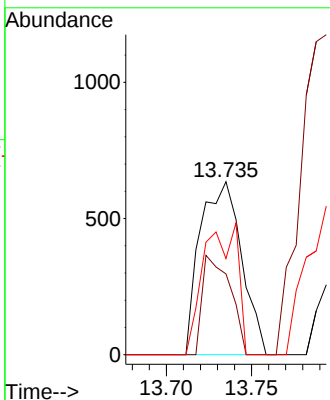
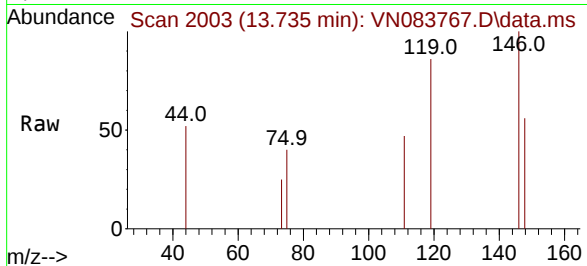




#88
1,4-Dichlorobenzene
Concen: 0.228 ug/l
RT: 13.735 min Scan# 2016
Delta R.T. -0.077 min
Lab File: VN083767.D
Acq: 11 Sep 2024 03:15

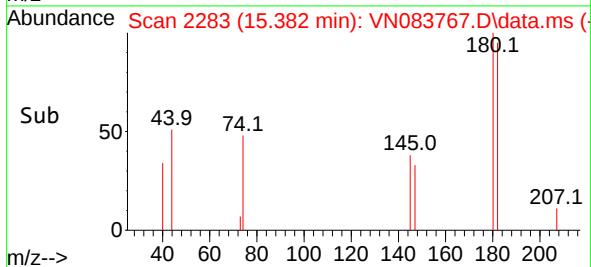
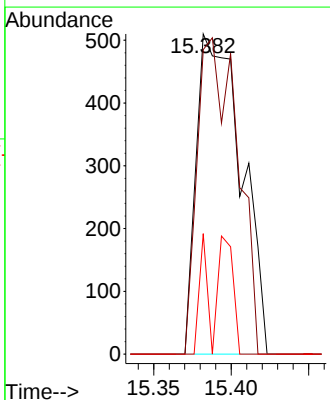
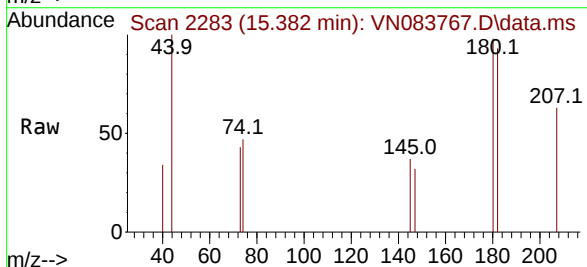
Instrument :
MSVOA_N
ClientSampleId :

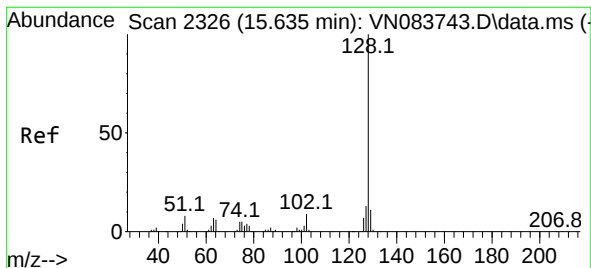
Tgt Ion:146 Resp: 1070
Ion Ratio Lower Upper
146 100
111 38.6 21.3 64.0
148 61.8 32.0 96.2



#93
1,2,4-Trichlorobenzene
Concen: 0.427 ug/l
RT: 15.382 min Scan# 2283
Delta R.T. -0.006 min
Lab File: VN083767.D
Acq: 11 Sep 2024 03:15

Tgt Ion:180 Resp: 1026
Ion Ratio Lower Upper
180 100
182 88.5 48.1 144.3
145 19.0 16.9 50.7





#95

Naphthalene

Concen: 0.301 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.006 min

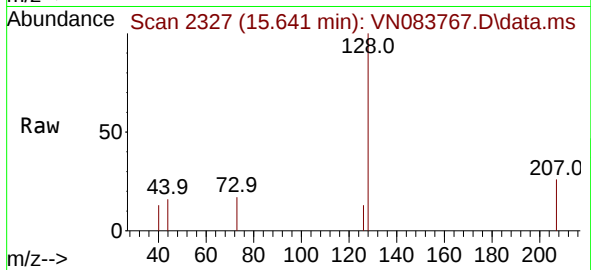
Lab File: VN083767.D

Acq: 11 Sep 2024 03:15

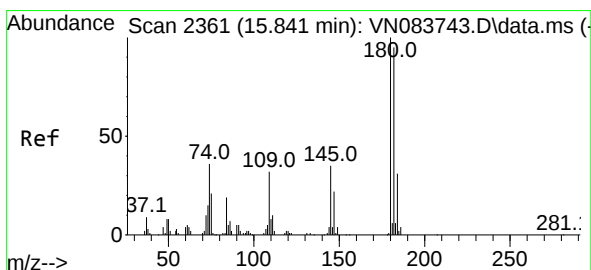
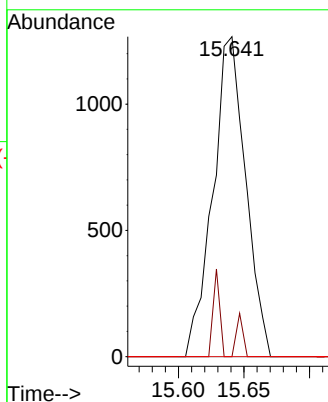
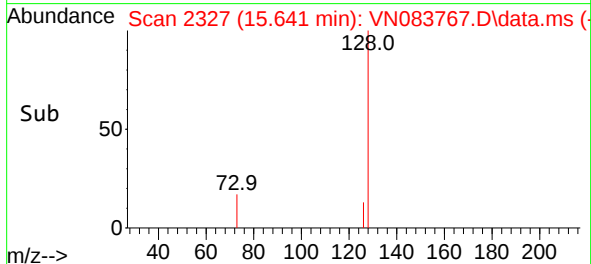
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	128	Resp:	2204
Ion Ratio	Lower	Upper	
128	100		
127	2.8	10.2	15.2#
129	0.0	8.7	13.1#



#96

1,2,3-Trichlorobenzene

Concen: 0.362 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN083767.D

Acq: 11 Sep 2024 03:15

Tgt Ion:	180	Resp:	832
Ion Ratio	Lower	Upper	
180	100		
182	82.2	47.1	141.4
145	28.0	17.8	53.5

