

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090424\
 Data File : VN083648.D
 Acq On : 04 Sep 2024 14:42
 Operator : JC\MD
 Sample : P3777-08RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 05 02:26:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

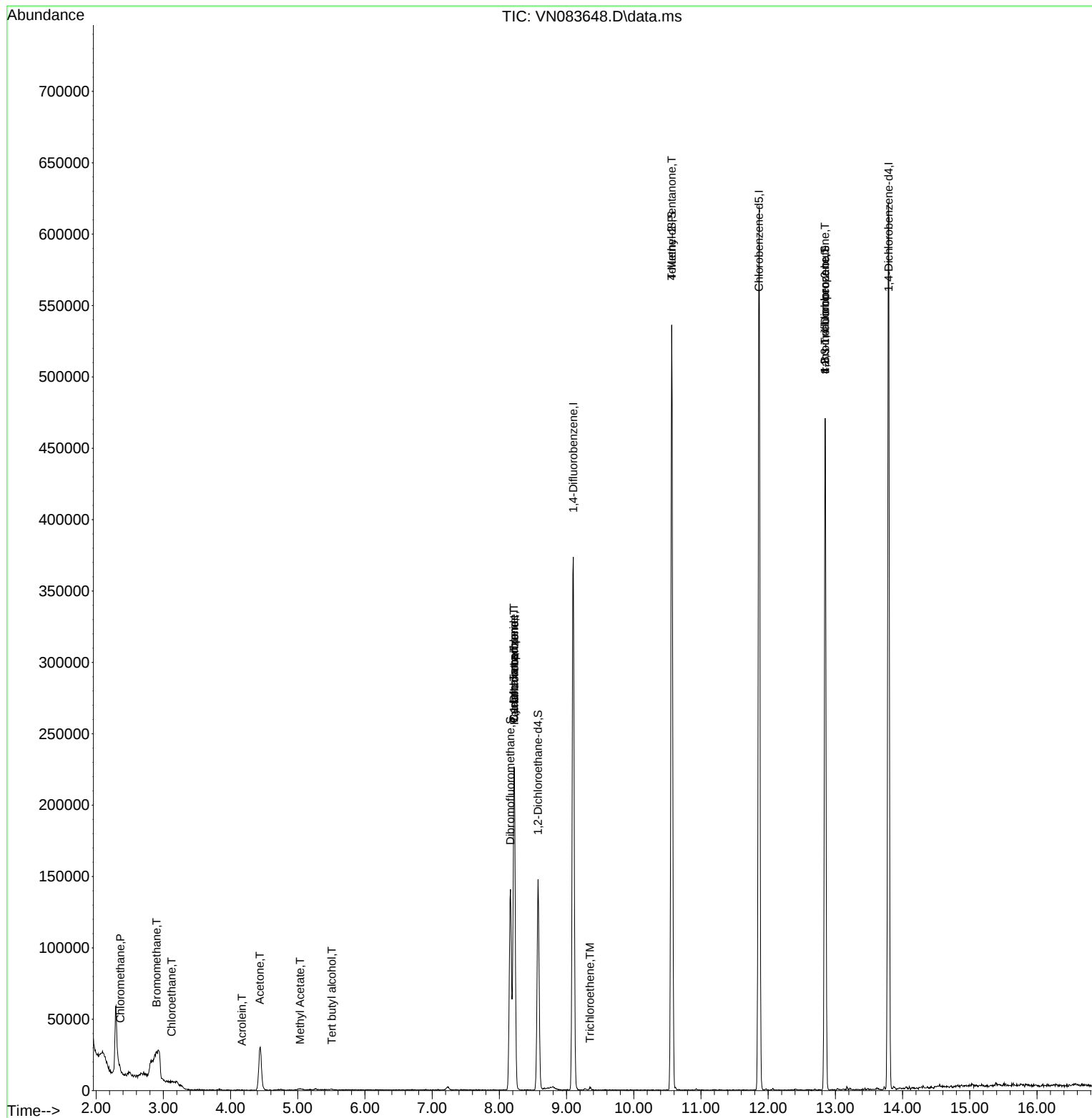
Internal Standards						
1) Pentafluorobenzene	8.224	168	157687	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	318912	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	332913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	161472	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121072	54.937	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 109.880%		
35) Dibromofluoromethane	8.165	113	98532	51.333	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.660%		
50) Toluene-d8	10.565	98	355884	47.613	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 95.220%		
62) 4-Bromofluorobenzene	12.847	95	164395	59.371	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 118.740%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1261	0.649	ug/l #	77
5) Bromomethane	2.901	94	333	0.326	ug/l	88
6) Chloroethane	3.124	64	318	0.250	ug/l #	45
11) Tert butyl alcohol	5.506	59	126	0.367	ug/l #	71
13) Acrolein	4.171	56	110	0.338	ug/l #	13
16) Acetone	4.436	43	1185	1.348	ug/l #	45
18) Methyl Acetate	5.036	43	1960	0.839	ug/l #	59
31) Cyclohexane	8.218	56	4526	1.328	ug/l #	14
36) 1,1-Dichloropropene	8.218	75	14632	4.998	ug/l #	51
38) Carbon Tetrachloride	8.218	117	17985	5.384	ug/l #	15
43) Isopropyl Acetate	8.688	43	247	Below Cal	#	57
44) Trichloroethene	9.347	130	740	0.342	ug/l	86
51) 4-Methyl-2-Pentanone	10.565	43	1818	0.671	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	91474	28.059	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	91474	66.179	ug/l #	9

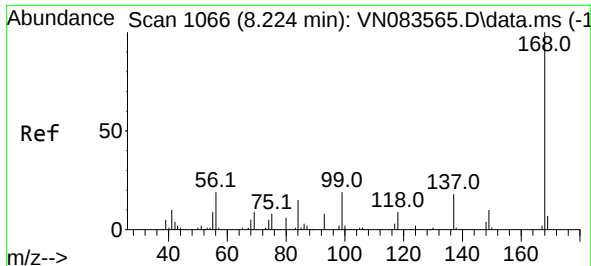
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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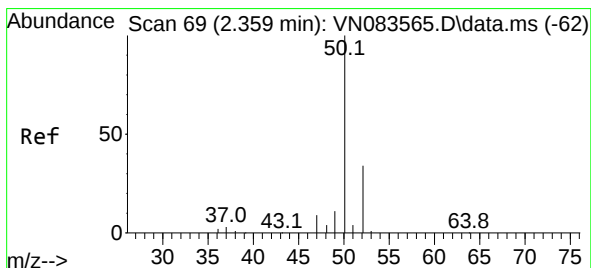
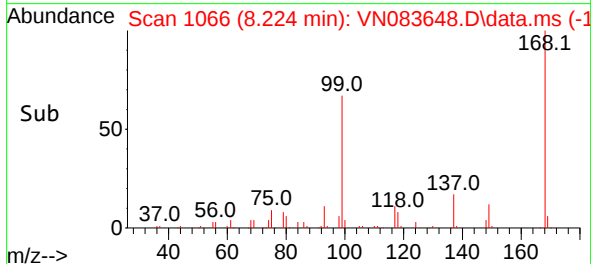
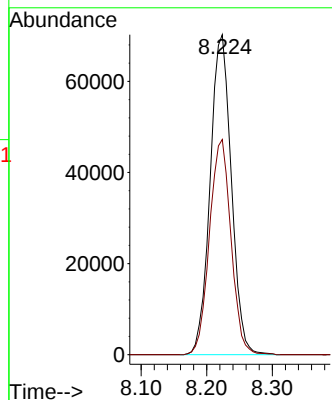
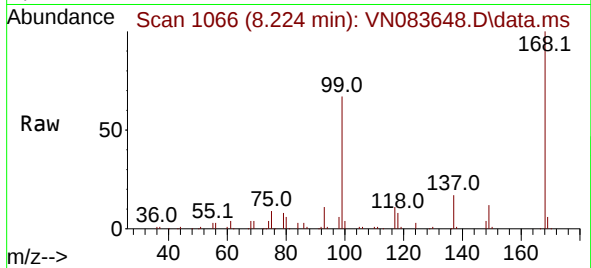




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083648.D
Acq: 04 Sep 2024 14:42

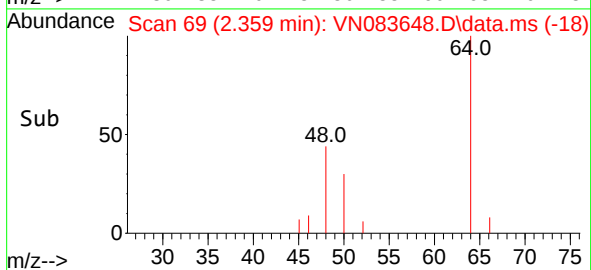
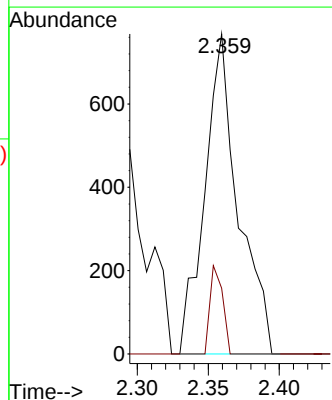
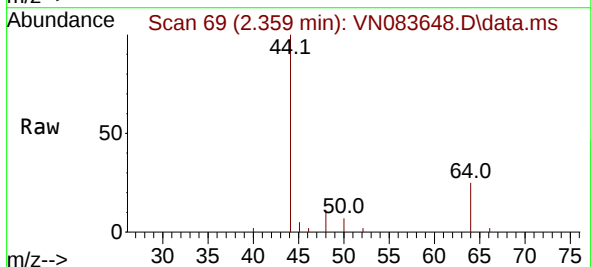
Instrument :
MSVOA_N
ClientSampleId :

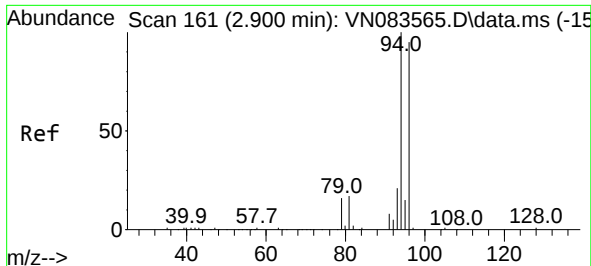
Tgt Ion:168 Resp: 157687
Ion Ratio Lower Upper
168 100
99 67.2 54.2 81.2



#3
Chloromethane
Concen: 0.649 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083648.D
Acq: 04 Sep 2024 14:42

Tgt Ion: 50 Resp: 1261
Ion Ratio Lower Upper
50 100
52 20.6 27.2 40.8#

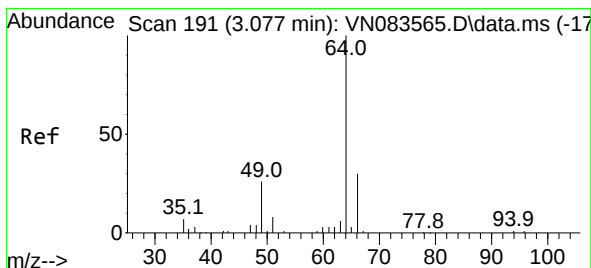
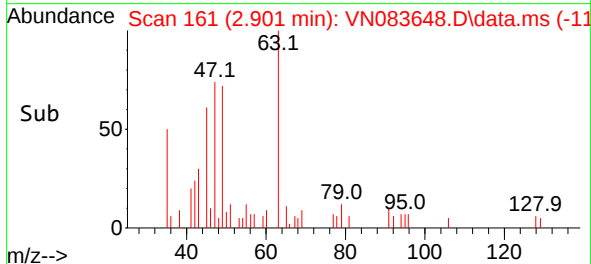
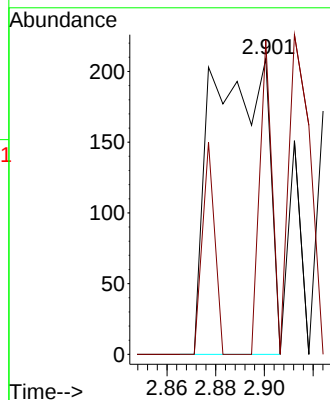
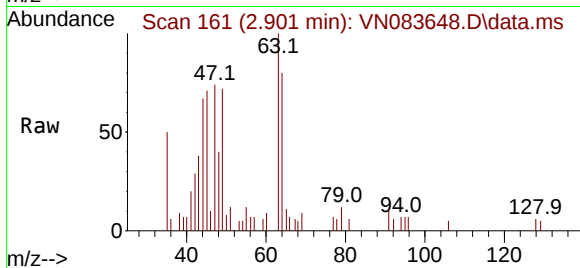




#5
Bromomethane
Concen: 0.326 ug/l
RT: 2.901 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083648.D
Acq: 04 Sep 2024 14:42

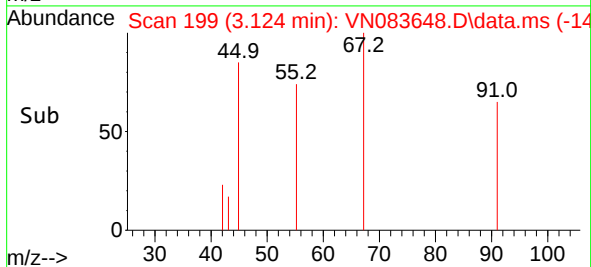
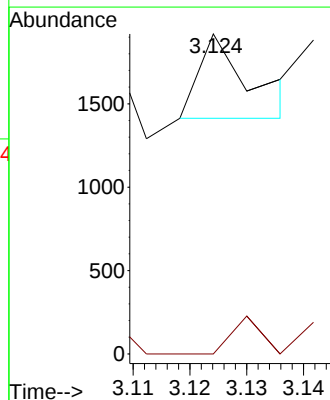
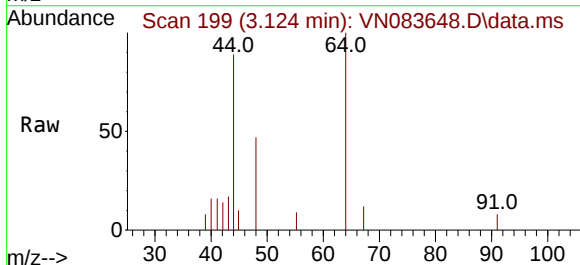
Instrument :
MSVOA_N
ClientSampleId :

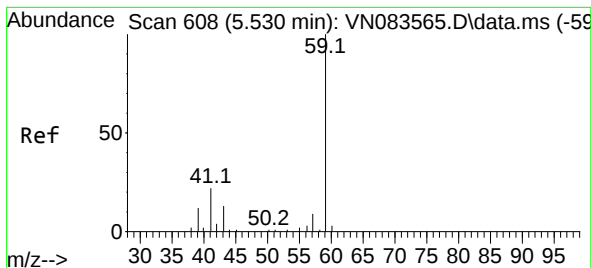
Tgt Ion: 94 Resp: 333
Ion Ratio Lower Upper
94 100
96 106.2 76.0 114.0



#6
Chloroethane
Concen: 0.250 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.047 min
Lab File: VN083648.D
Acq: 04 Sep 2024 14:42

Tgt Ion: 64 Resp: 318
Ion Ratio Lower Upper
64 100
66 0.0 23.9 35.9#





#11

Tert butyl alcohol

Concen: 0.367 ug/l

RT: 5.506 min Scan# 604

Delta R.T. -0.023 min

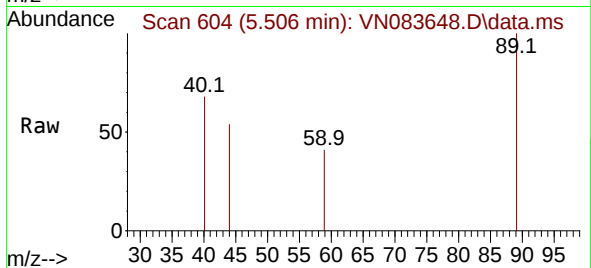
Lab File: VN083648.D

Acq: 04 Sep 2024 14:42

Instrument :

MSVOA_N

ClientSampleId :

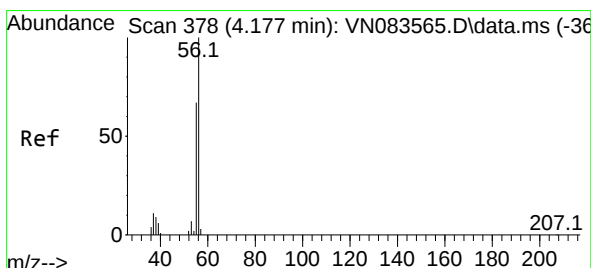
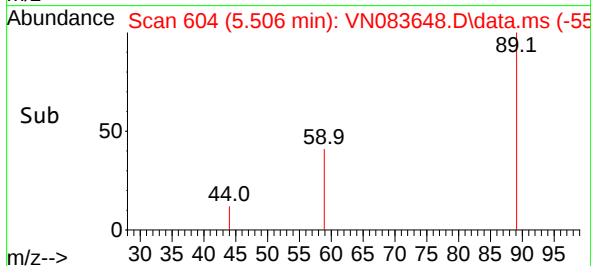
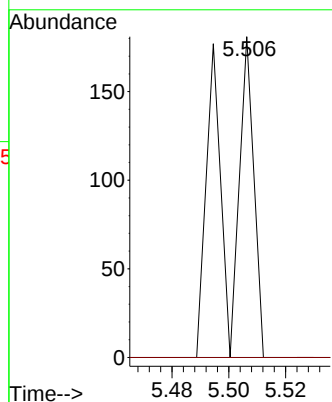


Tgt Ion: 59 Resp: 126

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



#13

Acrolein

Concen: 0.338 ug/l

RT: 4.171 min Scan# 377

Delta R.T. -0.006 min

Lab File: VN083648.D

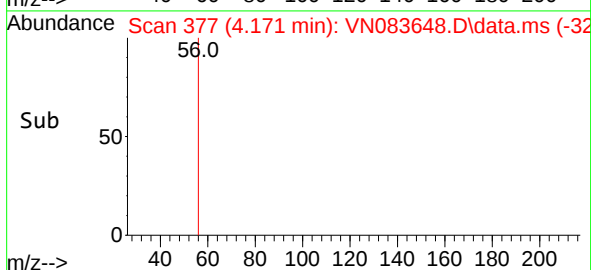
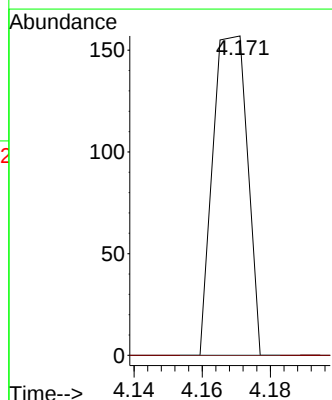
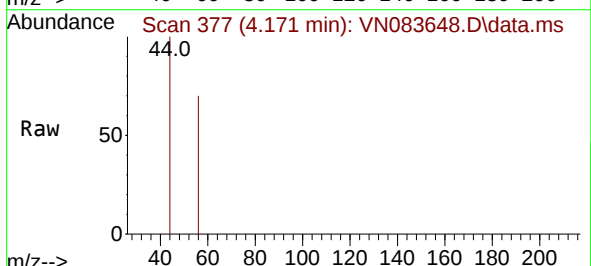
Acq: 04 Sep 2024 14:42

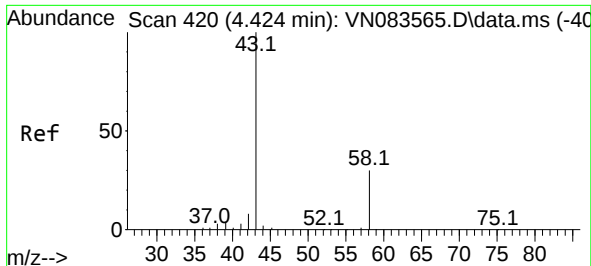
Tgt Ion: 56 Resp: 110

Ion Ratio Lower Upper

56 100

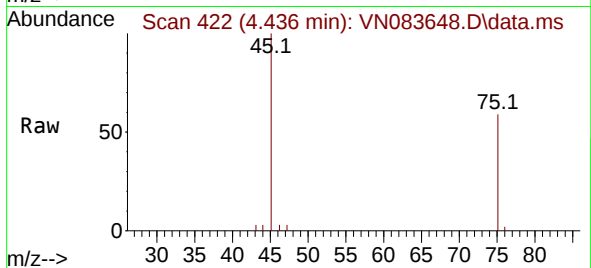
55 0.0 58.2 87.2#



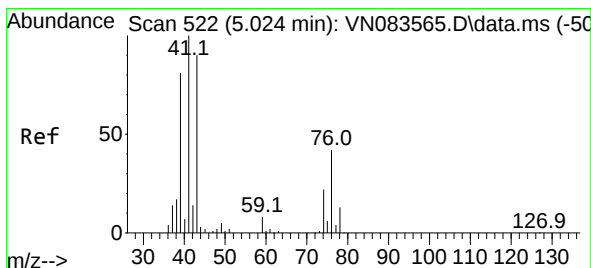
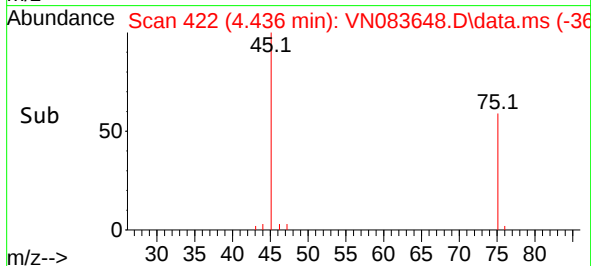
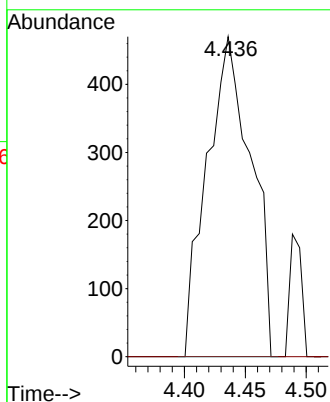


#16
Acetone
Concen: 1.348 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN083648.D
Acq: 04 Sep 2024 14:42

Instrument :
MSVOA_N
ClientSampleId :

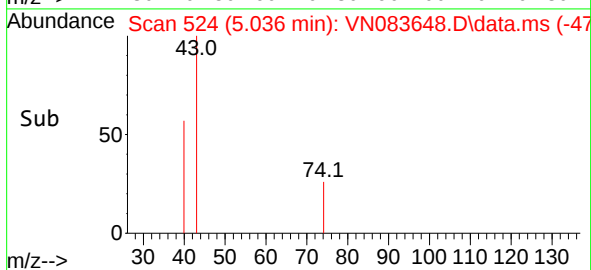
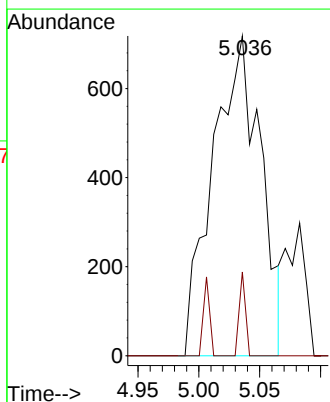
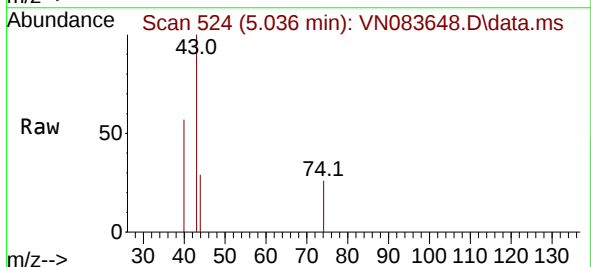


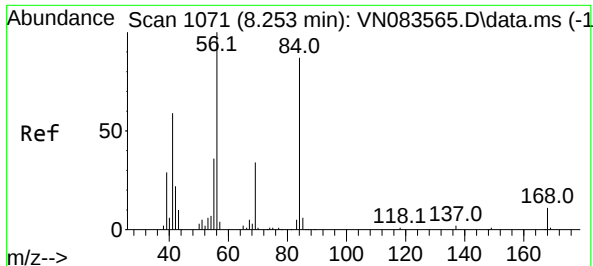
Tgt Ion: 43 Resp: 1185
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



#18
Methyl Acetate
Concen: 0.839 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN083648.D
Acq: 04 Sep 2024 14:42

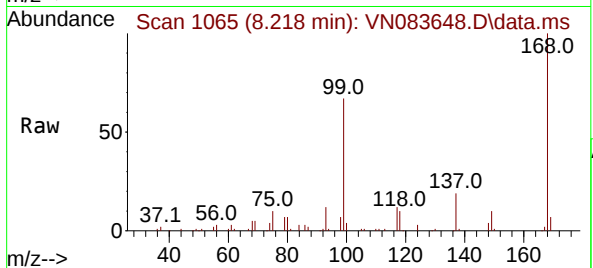
Tgt Ion: 43 Resp: 1960
Ion Ratio Lower Upper
43 100
74 3.4 19.0 28.4#



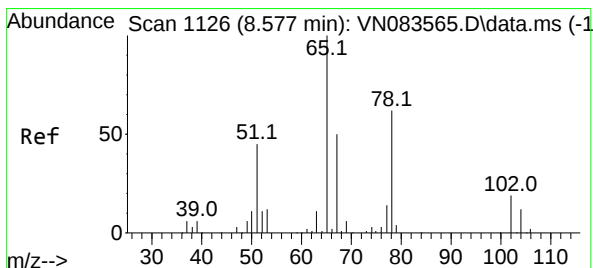
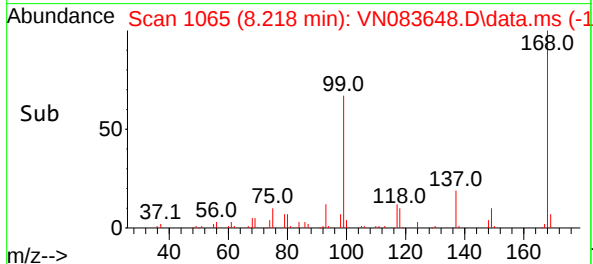
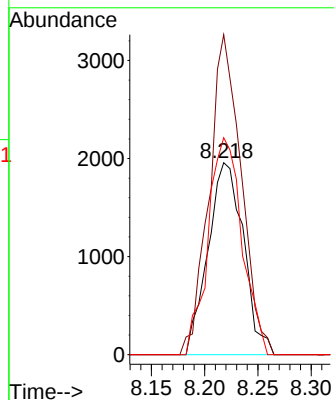


#31
Cyclohexane
Concen: 1.328 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN083648.D
Acq: 04 Sep 2024 14:42

Instrument :
MSVOA_N
ClientSampleId :

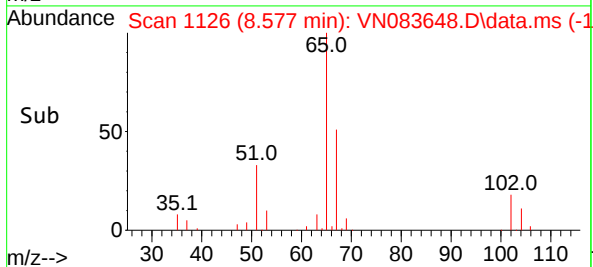
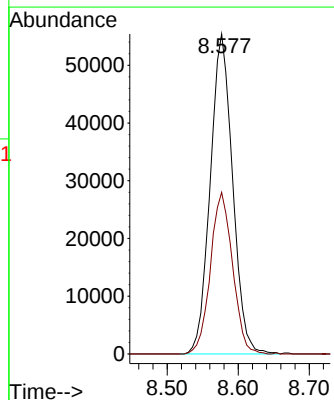
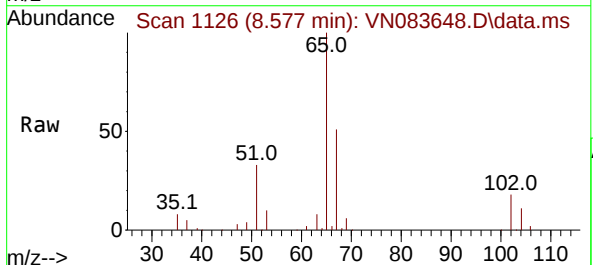


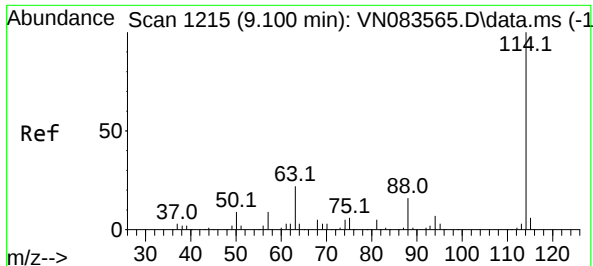
Tgt Ion: 56 Resp: 4526
Ion Ratio Lower Upper
56 100
69 166.6 26.9 40.3#
84 113.0 69.2 103.8#



#33
1,2-Dichloroethane-d4
Concen: 54.937 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083648.D
Acq: 04 Sep 2024 14:42

Tgt Ion: 65 Resp: 121072
Ion Ratio Lower Upper
65 100
67 50.0 0.0 100.8

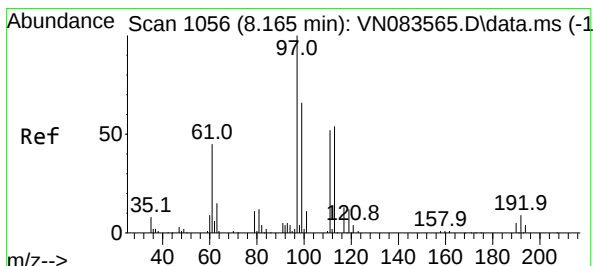
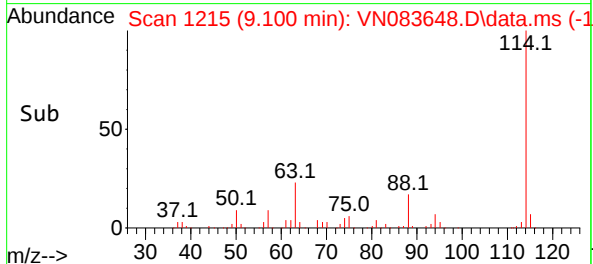
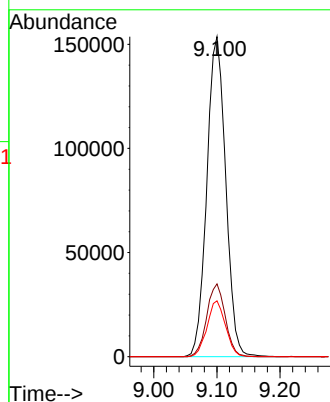
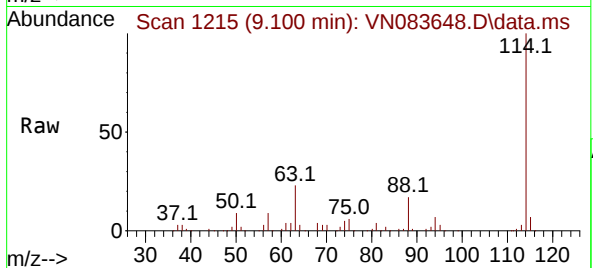




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083648.D
Acq: 04 Sep 2024 14:42

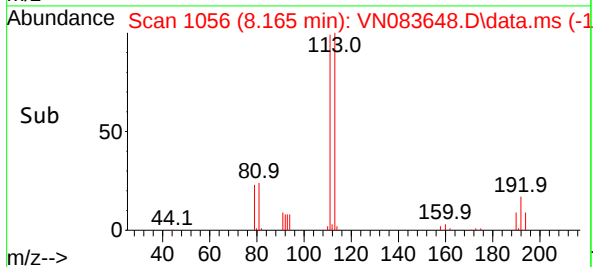
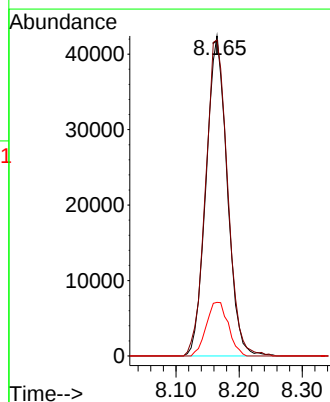
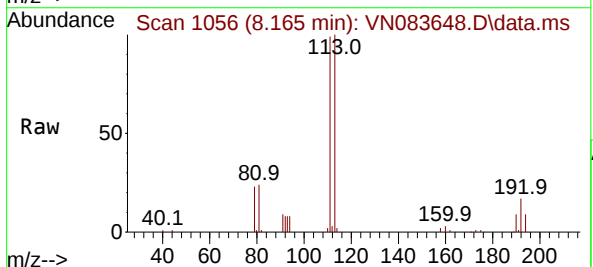
Instrument :
MSVOA_N
ClientSampleId :

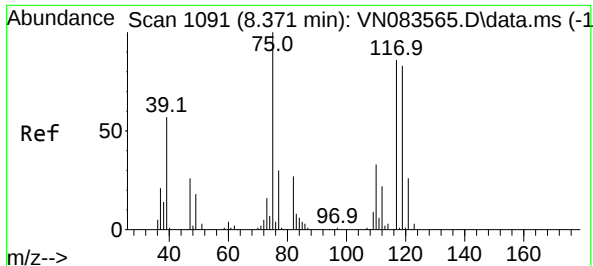
Tgt Ion:114 Resp: 318912
Ion Ratio Lower Upper
114 100
63 22.7 0.0 43.4
88 17.4 0.0 32.6



#35
Dibromofluoromethane
Concen: 51.333 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083648.D
Acq: 04 Sep 2024 14:42

Tgt Ion:113 Resp: 98532
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 17.5 14.3 21.5





#36

1,1-Dichloropropene

Concen: 4.998 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

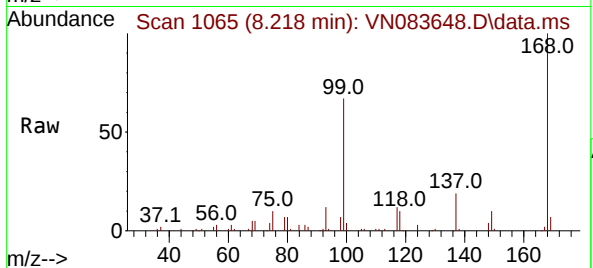
Lab File: VN083648.D

Acq: 04 Sep 2024 14:42

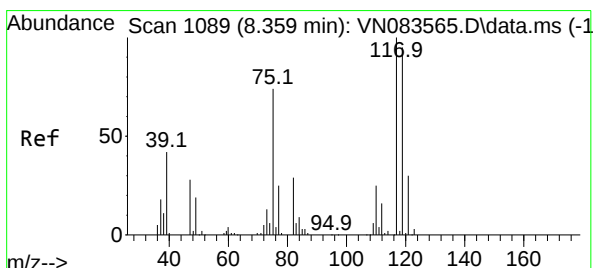
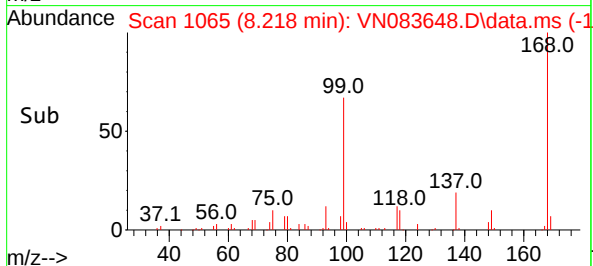
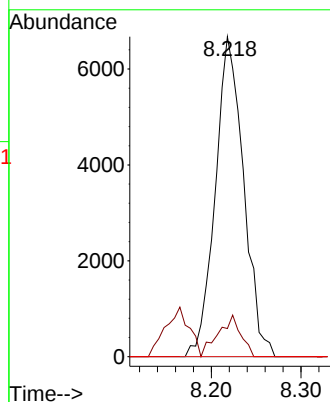
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 75	Resp: 14632
Ion Ratio	Lower Upper
75	100
110	10.3 16.7 50.1#
77	0.0 25.2 37.8#



#38

Carbon Tetrachloride

Concen: 5.384 ug/l

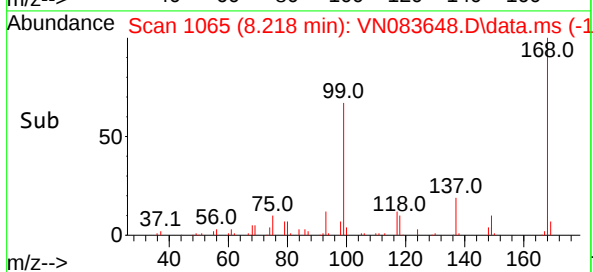
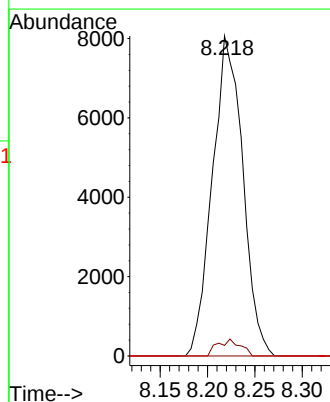
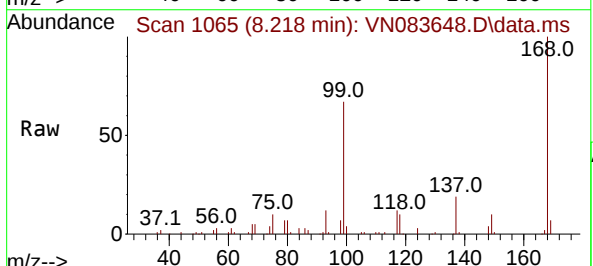
RT: 8.218 min Scan# 1065

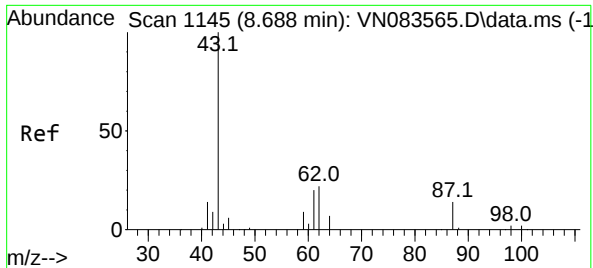
Delta R.T. -0.141 min

Lab File: VN083648.D

Acq: 04 Sep 2024 14:42

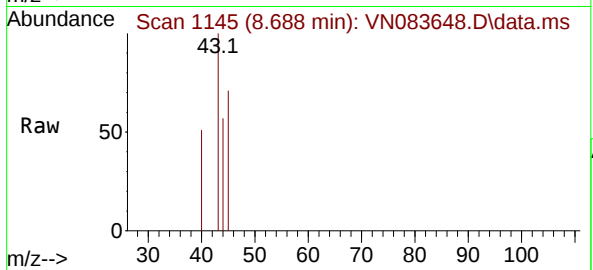
Tgt Ion: 117	Resp: 17985
Ion Ratio	Lower Upper
117	100
119	3.3 76.1 114.1#
121	0.0 24.1 36.1#



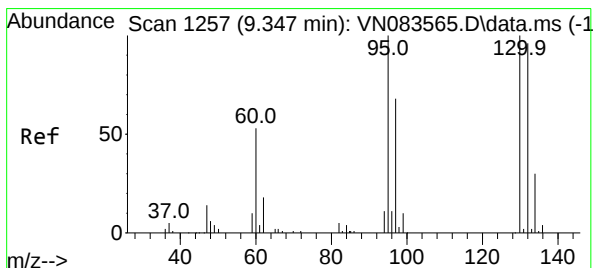
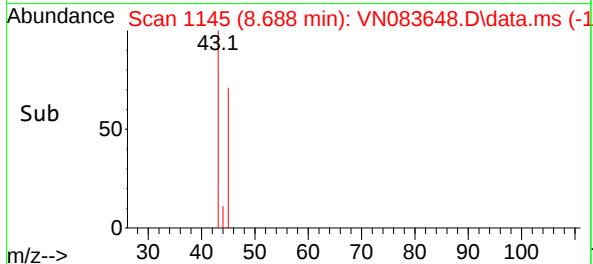


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083648.D
Acq: 04 Sep 2024 14:42

Instrument :
MSVOA_N
ClientSampleId :

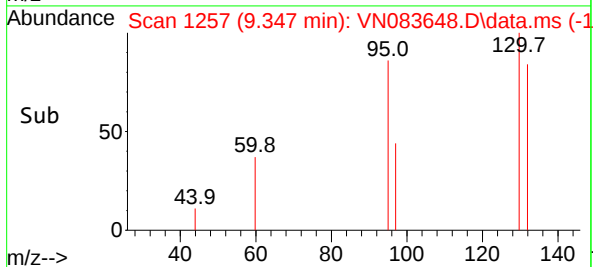
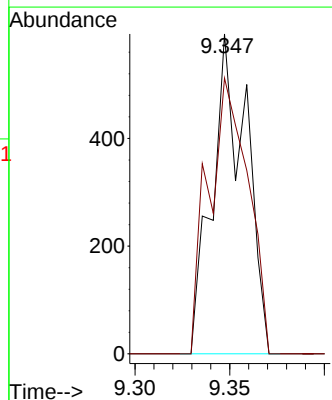
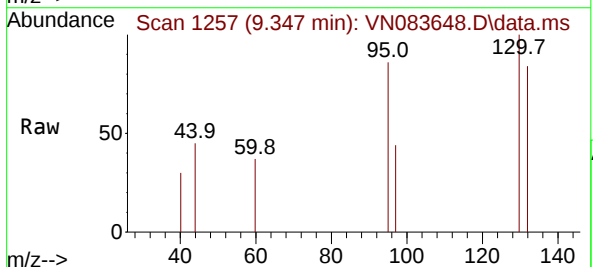


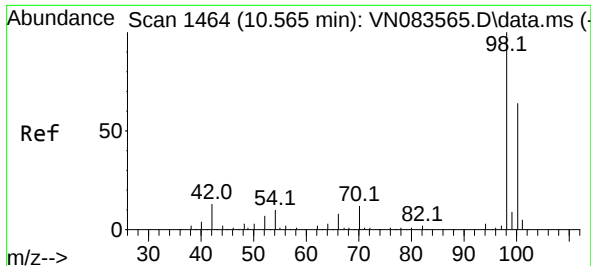
Tgt Ion: 43 Resp: 247
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#



#44
Trichloroethene
Concen: 0.342 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN083648.D
Acq: 04 Sep 2024 14:42

Tgt Ion:130 Resp: 740
Ion Ratio Lower Upper
130 100
95 86.2 0.0 200.4

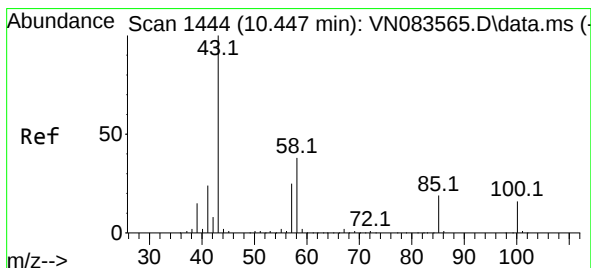
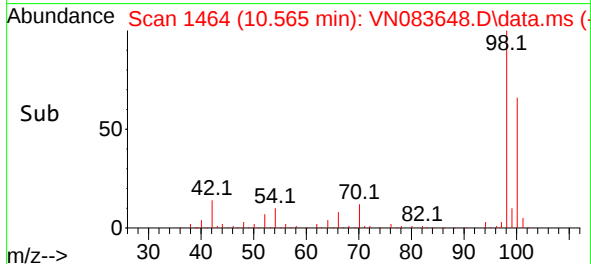
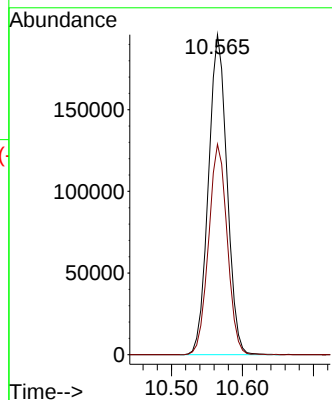
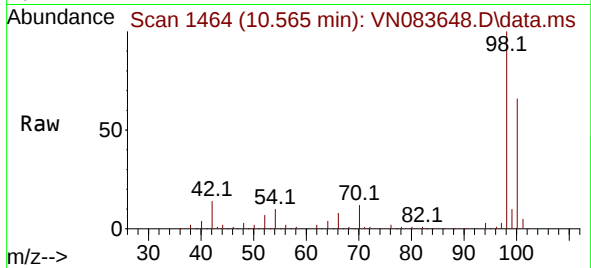




#50
Toluene-d8
Concen: 47.613 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083648.D
Acq: 04 Sep 2024 14:42

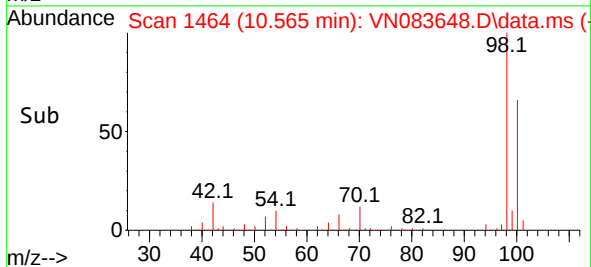
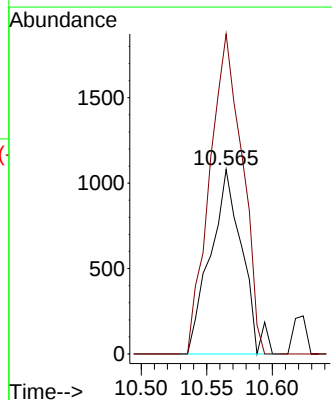
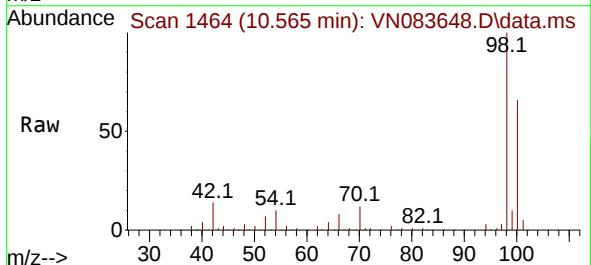
Instrument :
MSVOA_N
ClientSampleId :

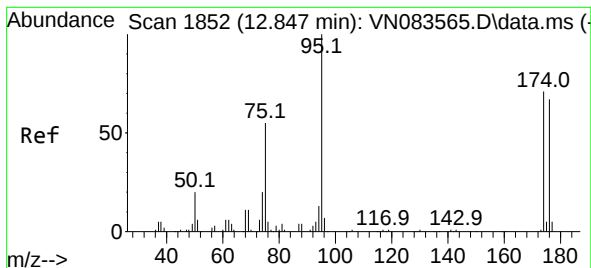
Tgt Ion: 98 Resp: 355884
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.671 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN083648.D
Acq: 04 Sep 2024 14:42

Tgt Ion: 43 Resp: 1818
Ion Ratio Lower Upper
43 100
58 178.6 31.6 47.4#

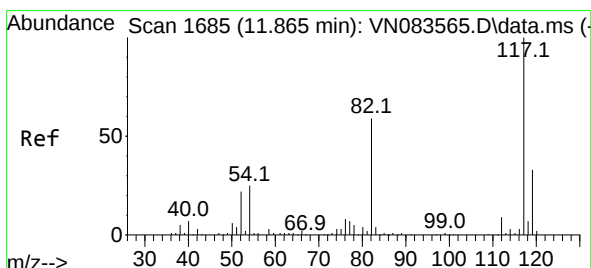
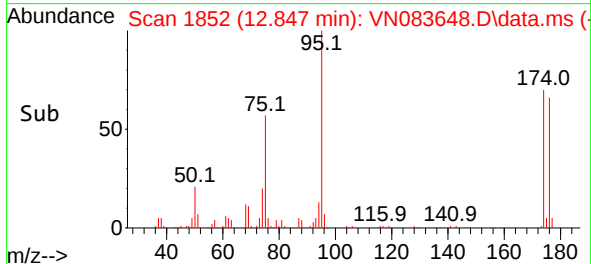
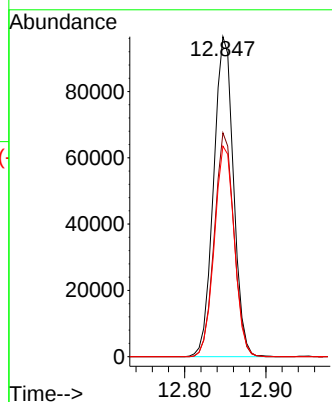
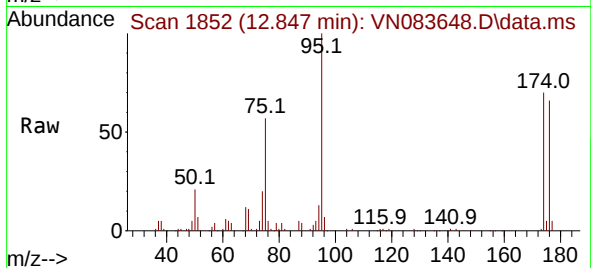




#62
4-Bromofluorobenzene
Concen: 59.371 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083648.D
Acq: 04 Sep 2024 14:42

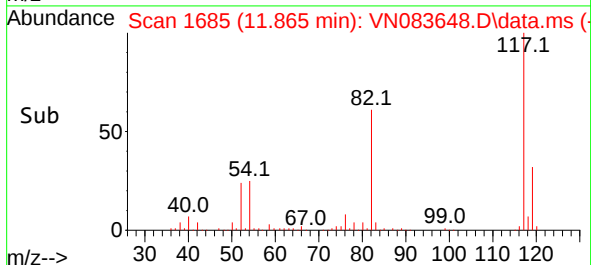
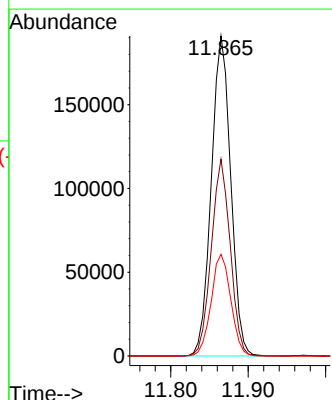
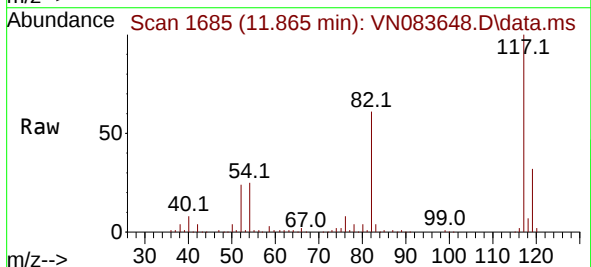
Instrument :
MSVOA_N
ClientSampleId :

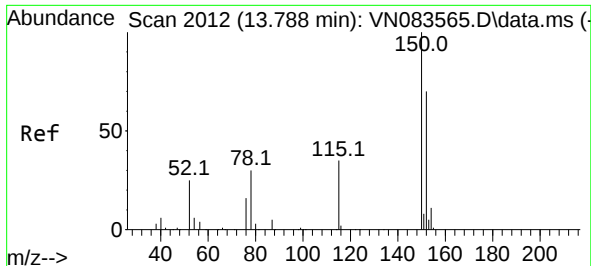
Tgt Ion: 95 Resp: 164395
Ion Ratio Lower Upper
95 100
174 69.0 0.0 139.8
176 66.1 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083648.D
Acq: 04 Sep 2024 14:42

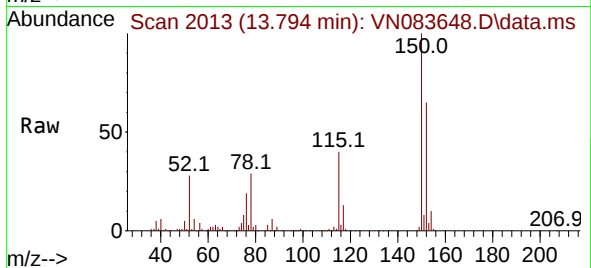
Tgt Ion: 117 Resp: 332913
Ion Ratio Lower Upper
117 100
82 61.5 47.4 71.0
119 31.8 26.3 39.5



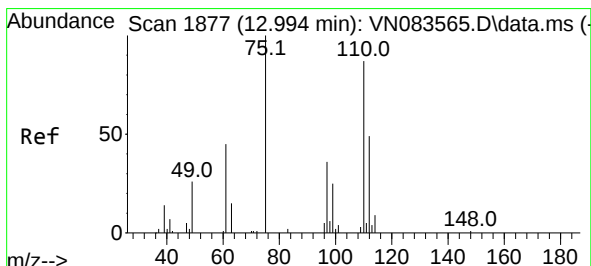
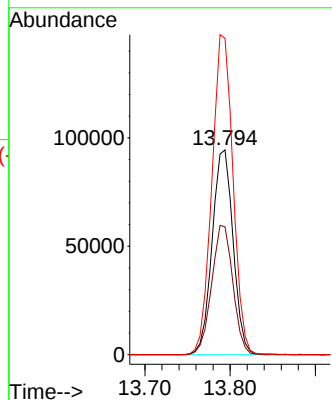
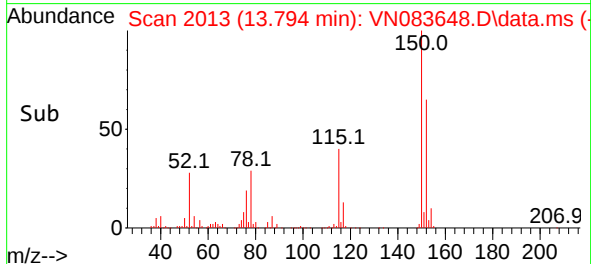


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN083648.D
 Acq: 04 Sep 2024 14:42

Instrument :
 MSVOA_N
 ClientSampleId :

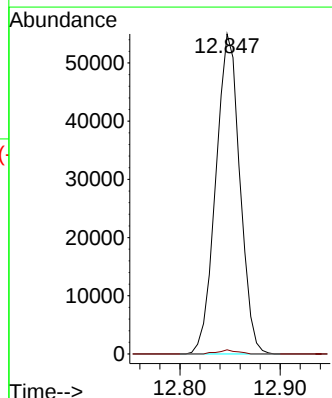
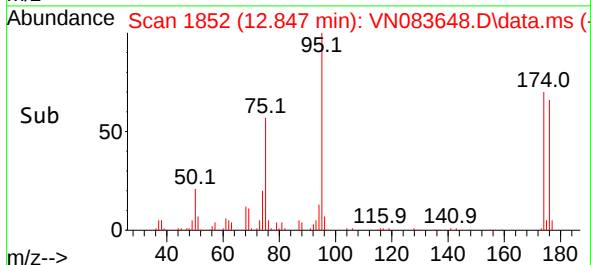
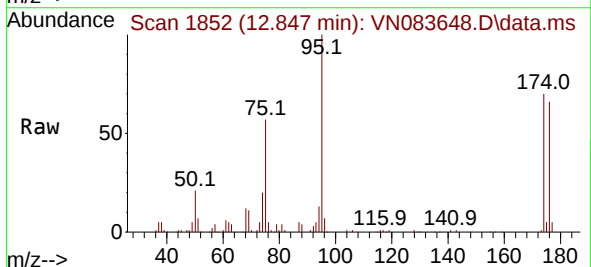


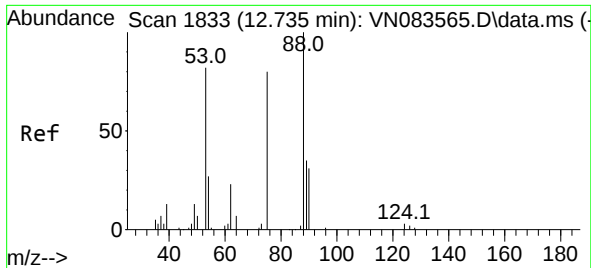
Tgt Ion:152 Resp: 161472
 Ion Ratio Lower Upper
 152 100
 115 63.9 32.2 96.6
 150 157.1 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 28.059 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN083648.D
 Acq: 04 Sep 2024 14:42

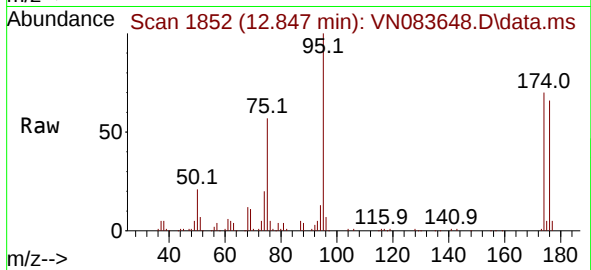
Tgt Ion: 75 Resp: 91474
 Ion Ratio Lower Upper
 75 100
 77 1.0 95.2 285.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 66.179 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083648.D
Acq: 04 Sep 2024 14:42

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 91474
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.1 35.7 53.5#

