

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090524\
 Data File : VN083672.D
 Acq On : 05 Sep 2024 13:51
 Operator : JC\MD
 Sample : P3802-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 06 02:16:58 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)

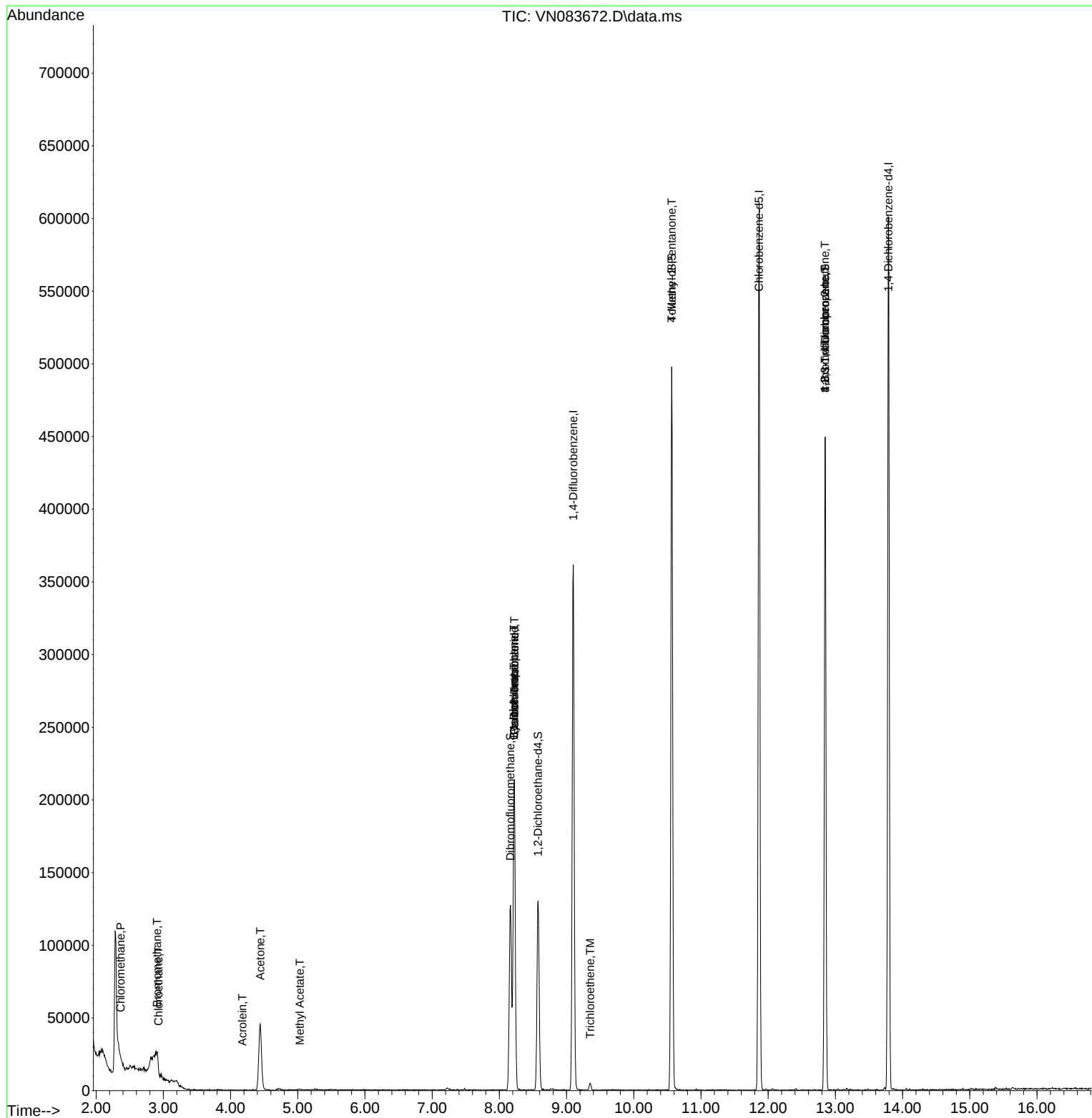
Internal Standards						
1) Pentafluorobenzene	8.224	168	147228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	302022	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	325843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	155246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	115151	55.962	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 111.920%		
35) Dibromofluoromethane	8.165	113	92834	51.069	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.140%		
50) Toluene-d8	10.565	98	335854	47.450	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 94.900%		
62) 4-Bromofluorobenzene	12.847	95	155520	59.306	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 118.620%		
Target Compounds						Qvalue
3) Chloromethane	2.365	50	876	0.483	ug/l #	41
5) Bromomethane	2.906	94	259	0.271	ug/l #	69
6) Chloroethane	2.930	64	1217	1.025	ug/l #	45
13) Acrolein	4.177	56	61	0.201	ug/l #	13
16) Acetone	4.442	43	1675	2.041	ug/l #	45
18) Methyl Acetate	5.030	43	923	0.423	ug/l #	64
31) Cyclohexane	8.218	56	3700	1.162	ug/l #	22
36) 1,1-Dichloropropene	8.218	75	13784	4.971	ug/l #	49
38) Carbon Tetrachloride	8.224	117	16926	5.350	ug/l #	17
43) Isopropyl Acetate	8.712	43	191	Below Cal	#	57
44) Trichloroethene	9.353	130	1790	0.872	ug/l	86
51) 4-Methyl-2-Pentanone	10.565	43	1671	0.651	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	86292	27.531	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	86292	64.934	ug/l #	9

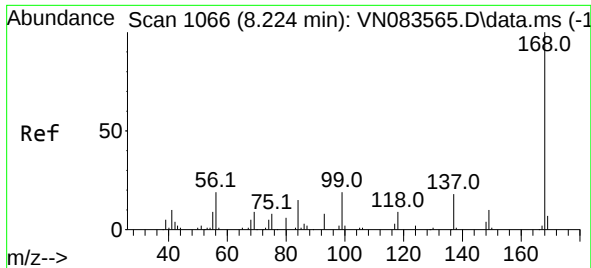
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 06 02:16:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 00:48:10 2024
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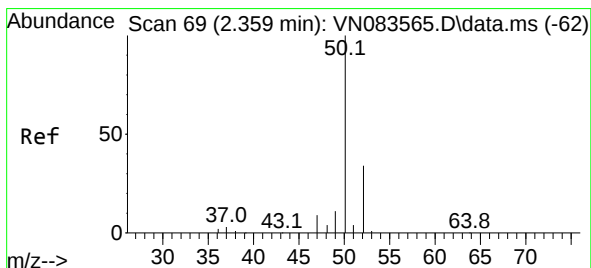
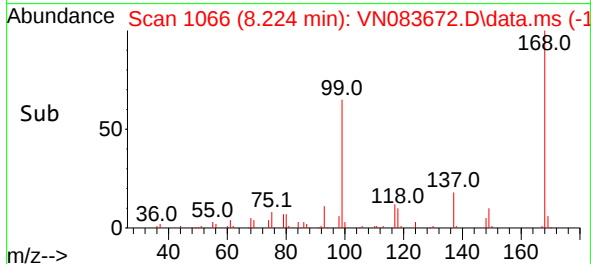
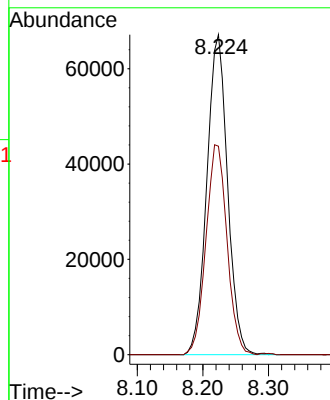
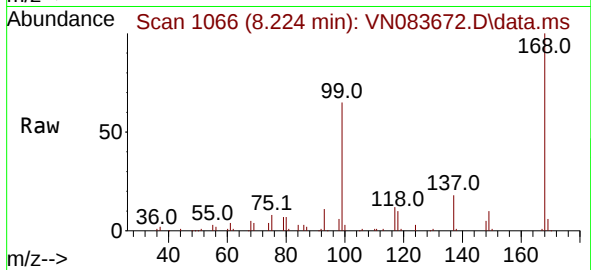




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN083672.D
Acq: 05 Sep 2024 13:51

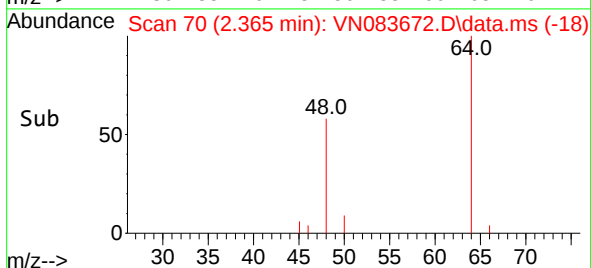
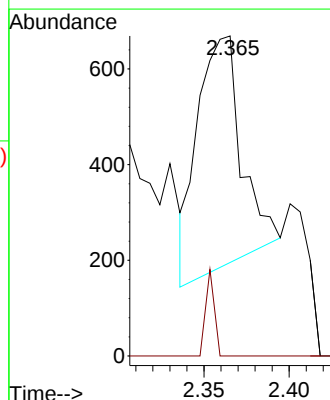
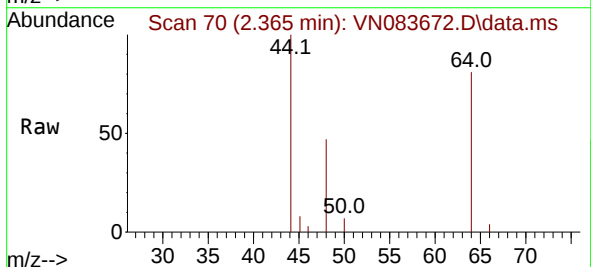
Instrument :
MSVOA_N
ClientSampleId :

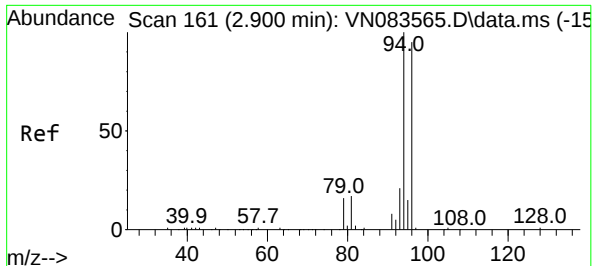
Tgt Ion:168 Resp: 147228
Ion Ratio Lower Upper
168 100
99 65.2 54.2 81.2



#3
Chloromethane
Concen: 0.483 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083672.D
Acq: 05 Sep 2024 13:51

Tgt Ion: 50 Resp: 876
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

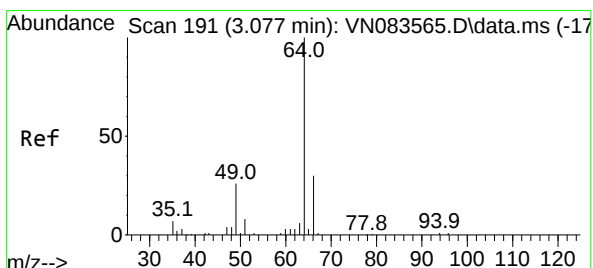
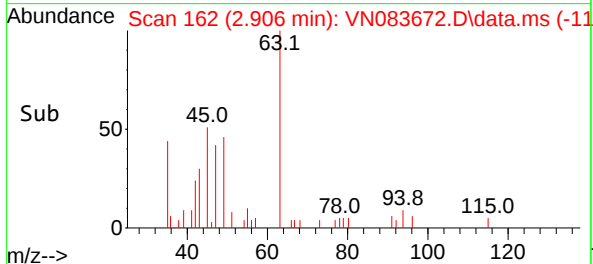
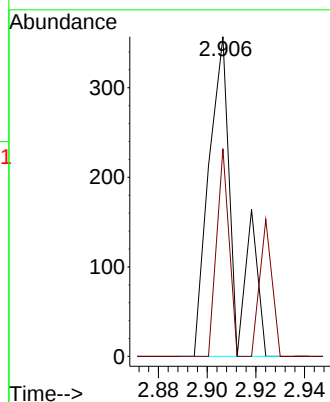
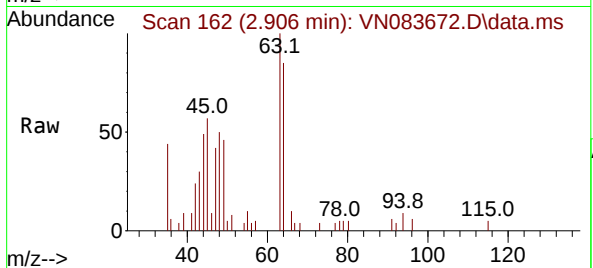




#5
Bromomethane
Concen: 0.271 ug/l
RT: 2.906 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083672.D
Acq: 05 Sep 2024 13:51

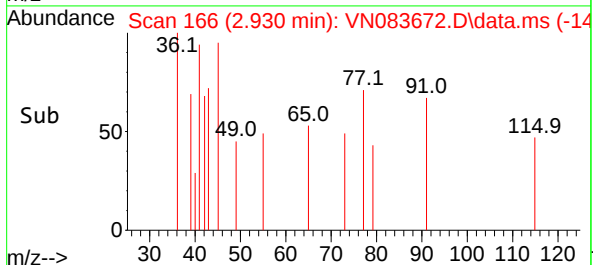
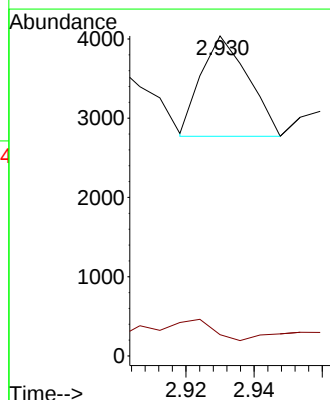
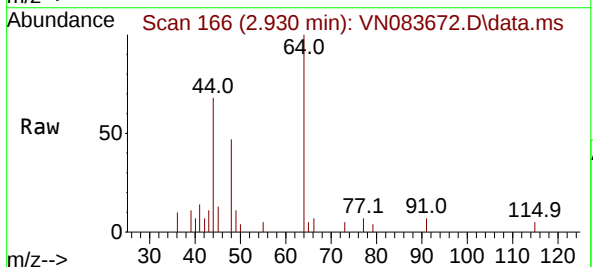
Instrument :
MSVOA_N
ClientSampleId :

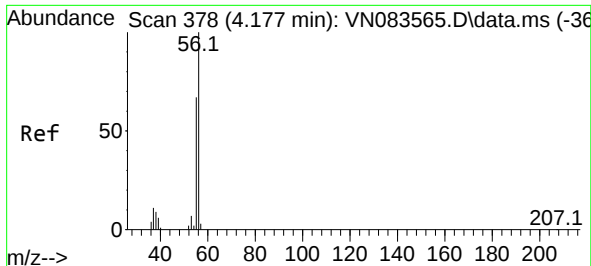
Tgt Ion: 94 Resp: 259
Ion Ratio Lower Upper
94 100
96 65.0 76.0 114.0#



#6
Chloroethane
Concen: 1.025 ug/l
RT: 2.930 min Scan# 166
Delta R.T. -0.147 min
Lab File: VN083672.D
Acq: 05 Sep 2024 13:51

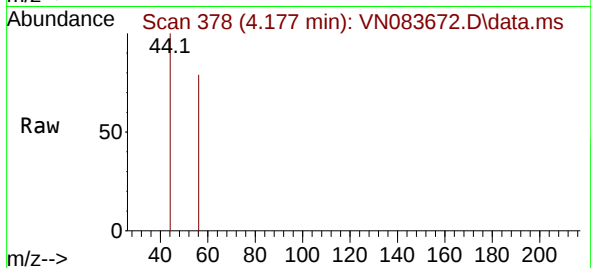
Tgt Ion: 64 Resp: 1217
Ion Ratio Lower Upper
64 100
66 0.0 23.9 35.9#



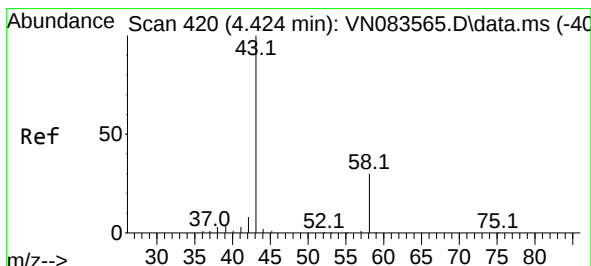
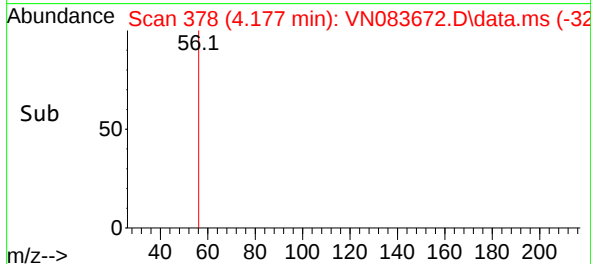
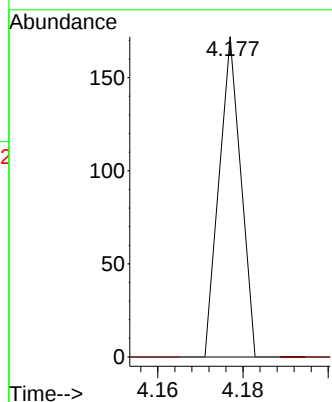


#13
Acrolein
Concen: 0.201 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN083672.D
Acq: 05 Sep 2024 13:51

Instrument :
MSVOA_N
ClientSampleId :

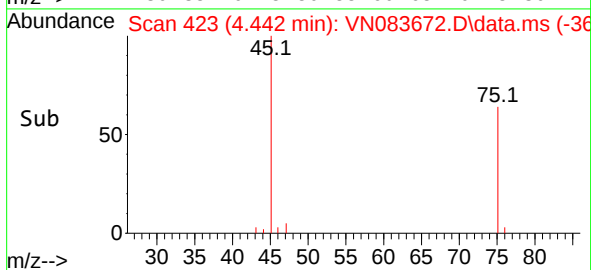
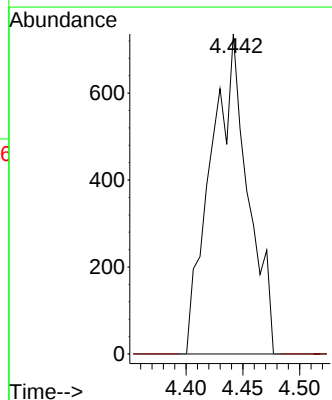
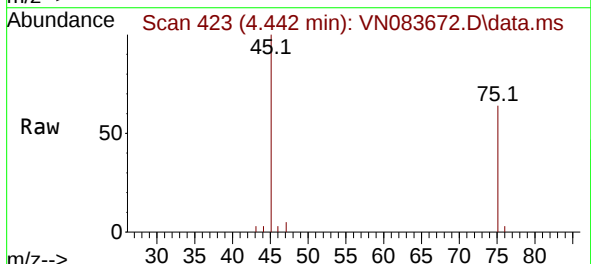


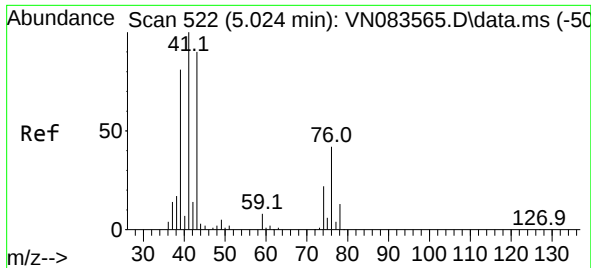
Tgt Ion: 56 Resp: 61
Ion Ratio Lower Upper
56 100
55 0.0 58.2 87.2#



#16
Acetone
Concen: 2.041 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN083672.D
Acq: 05 Sep 2024 13:51

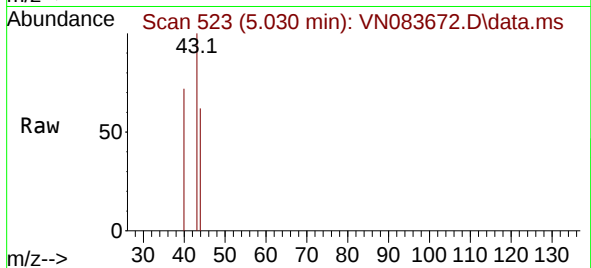
Tgt Ion: 43 Resp: 1675
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



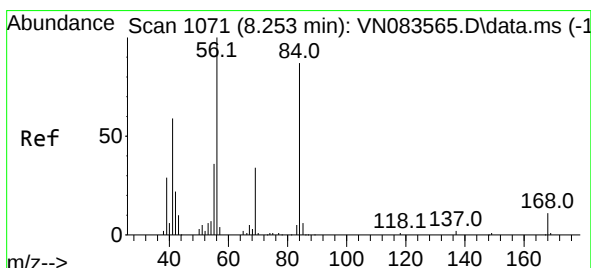
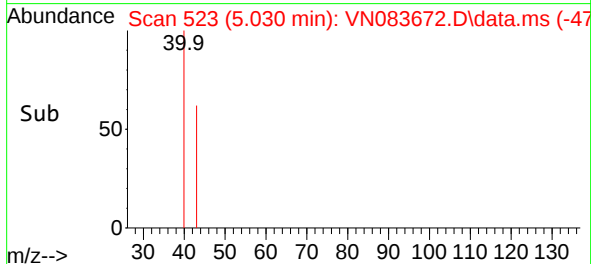
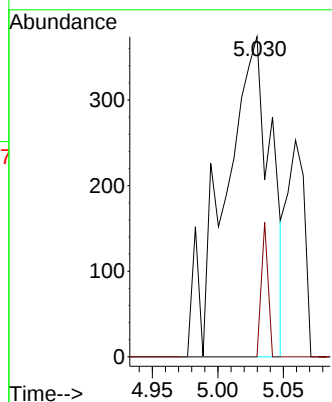


#18
Methyl Acetate
Concen: 0.423 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN083672.D
Acq: 05 Sep 2024 13:51

Instrument :
MSVOA_N
ClientSampleId :

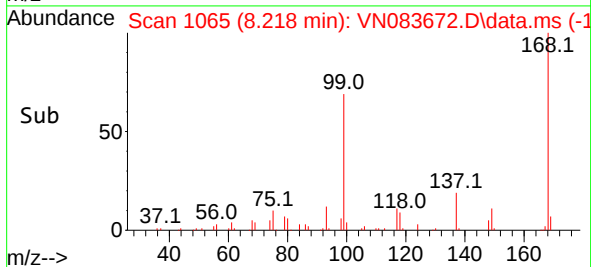
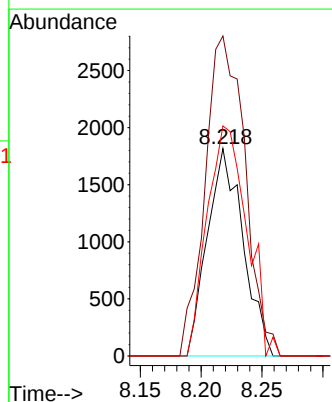
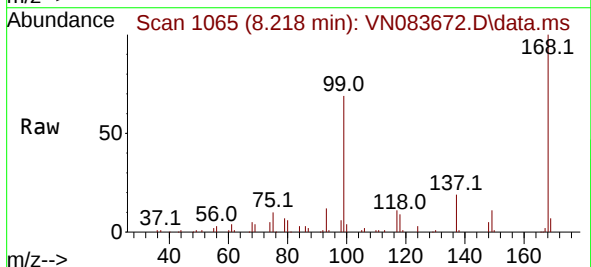


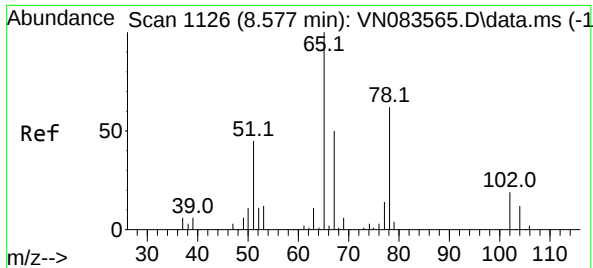
Tgt Ion: 43 Resp: 923
Ion Ratio Lower Upper
43 100
74 6.0 19.0 28.4#



#31
Cyclohexane
Concen: 1.162 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN083672.D
Acq: 05 Sep 2024 13:51

Tgt Ion: 56 Resp: 3700
Ion Ratio Lower Upper
56 100
69 154.3 26.9 40.3#
84 110.9 69.2 103.8#

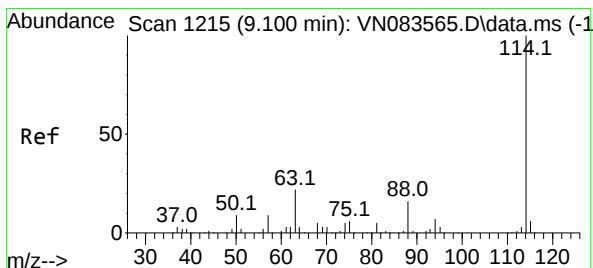
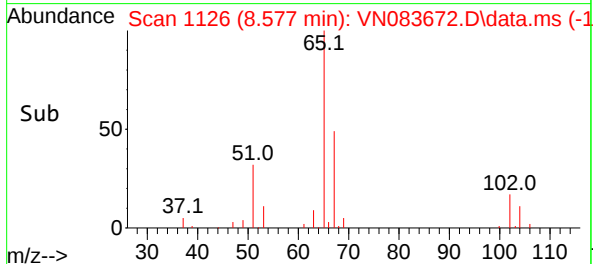
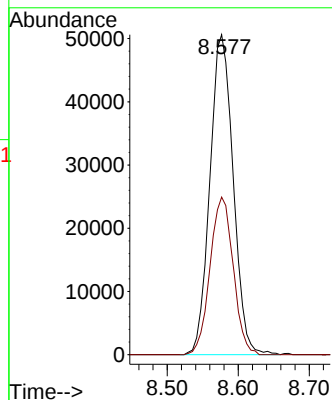
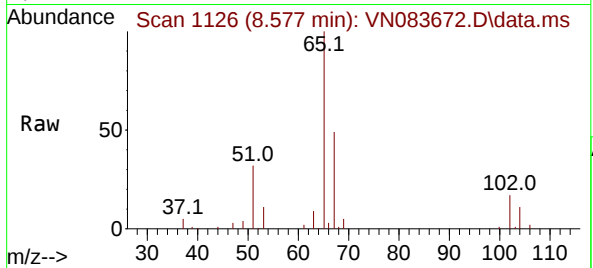




#33
 1,2-Dichloroethane-d4
 Concen: 55.962 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN083672.D
 Acq: 05 Sep 2024 13:51

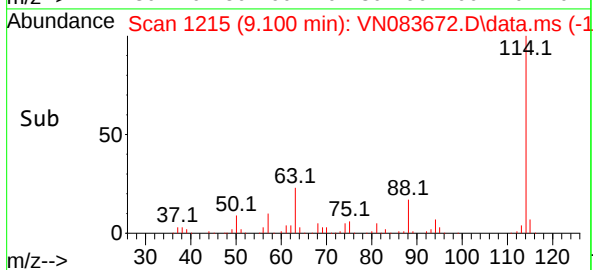
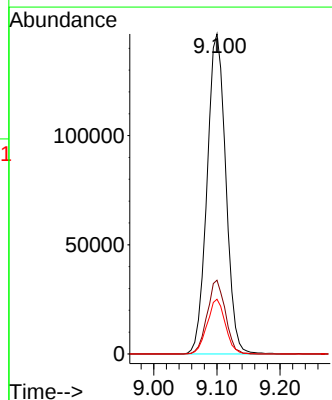
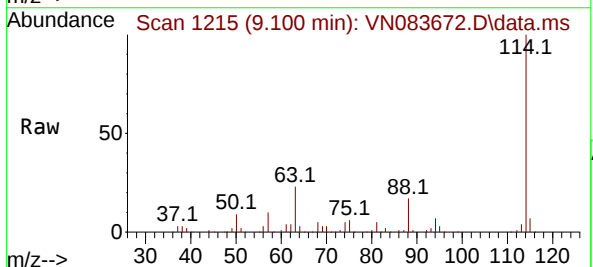
Instrument :
 MSVOA_N
 ClientSampleId :

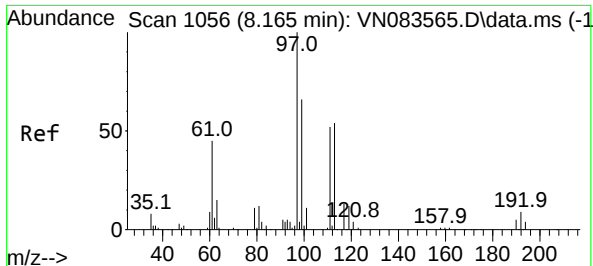
Tgt Ion: 65 Resp: 115151
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN083672.D
 Acq: 05 Sep 2024 13:51

Tgt Ion: 114 Resp: 302022
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 43.4
 88 17.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.069 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083672.D

Acq: 05 Sep 2024 13:51

Instrument :

MSVOA_N

ClientSampleId :

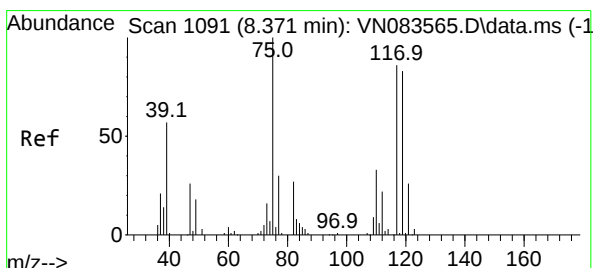
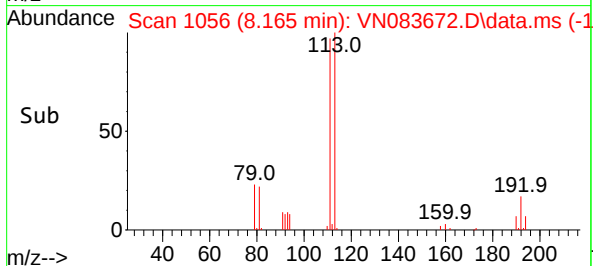
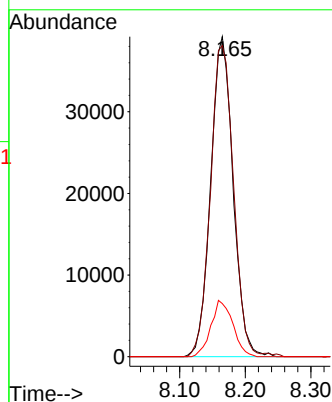
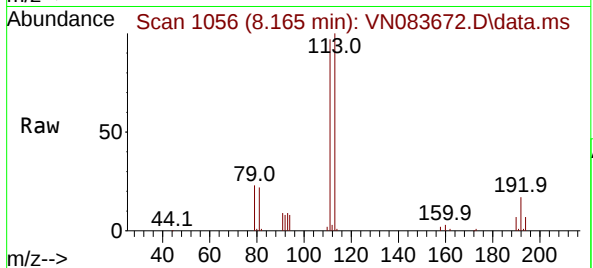
Tgt Ion:113 Resp: 92834

Ion Ratio Lower Upper

113 100

111 100.6 82.6 124.0

192 17.2 14.3 21.5



#36

1,1-Dichloropropene

Concen: 4.971 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN083672.D

Acq: 05 Sep 2024 13:51

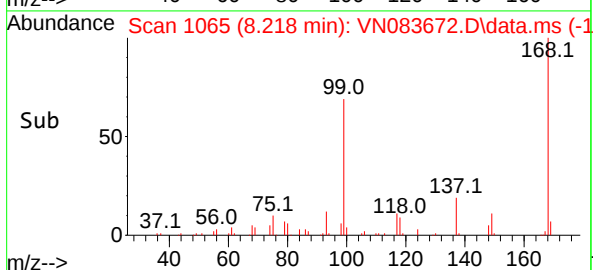
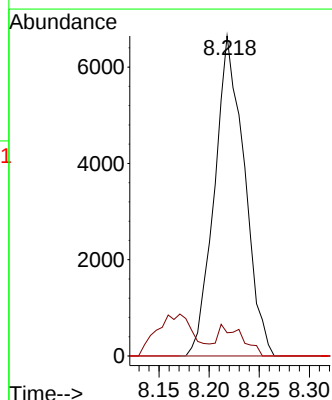
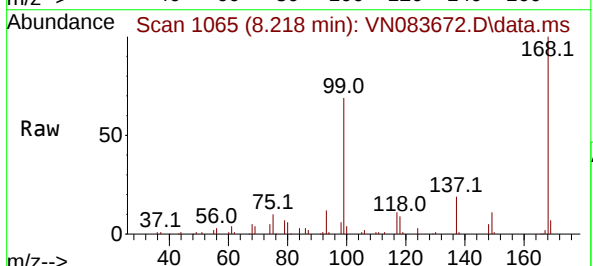
Tgt Ion: 75 Resp: 13784

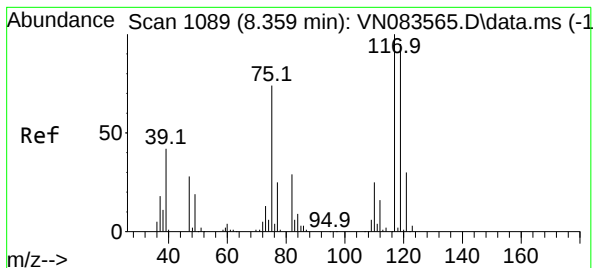
Ion Ratio Lower Upper

75 100

110 8.1 16.7 50.1#

77 0.0 25.2 37.8#





#38

Carbon Tetrachloride

Concen: 5.350 ug/l

RT: 8.224 min Scan# 11066

Delta R.T. -0.135 min

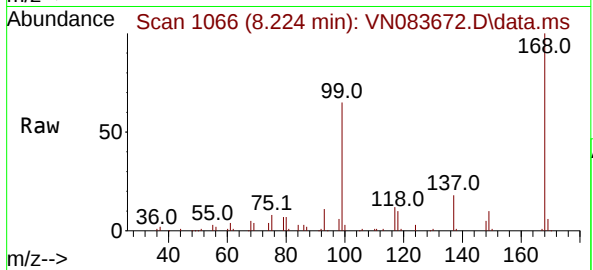
Lab File: VN083672.D

Acq: 05 Sep 2024 13:51

Instrument :

MSVOA_N

ClientSampleId :



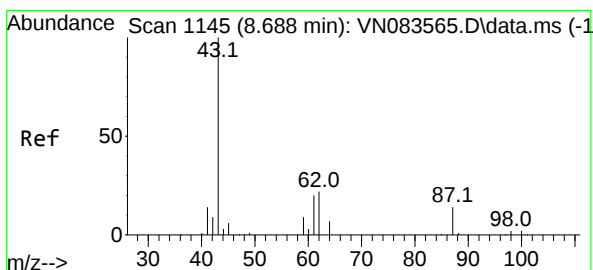
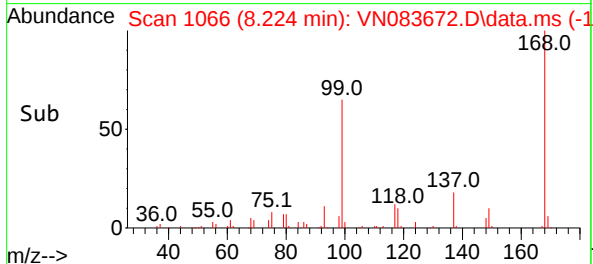
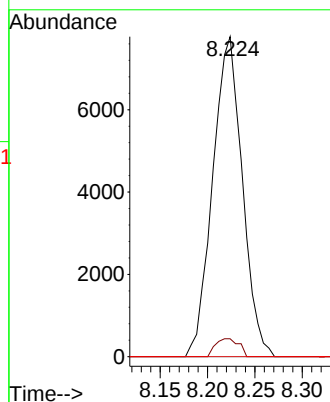
Tgt Ion:117 Resp: 16926

Ion Ratio Lower Upper

117 100

119 5.6 76.1 114.1#

121 0.0 24.1 36.1#



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.712 min Scan# 1149

Delta R.T. 0.024 min

Lab File: VN083672.D

Acq: 05 Sep 2024 13:51

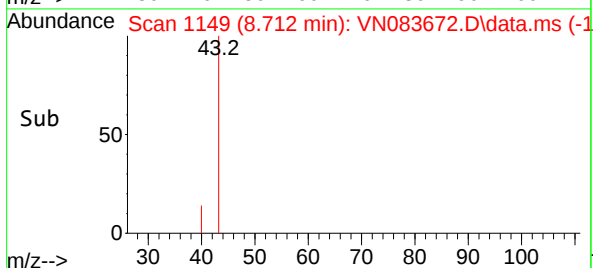
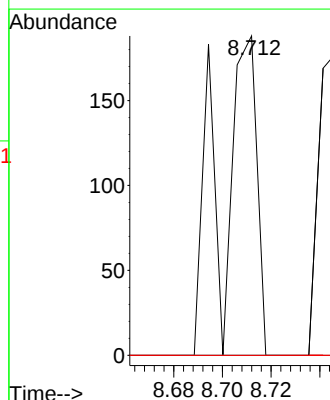
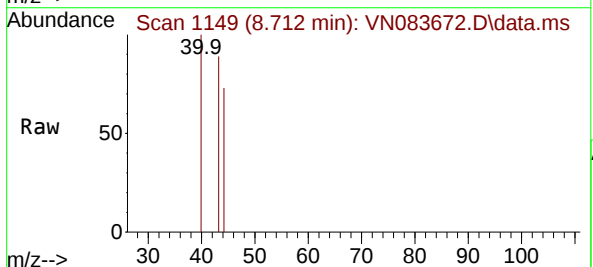
Tgt Ion: 43 Resp: 191

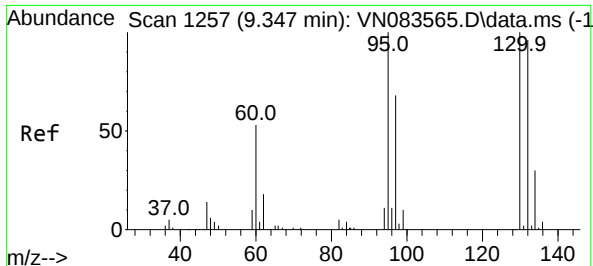
Ion Ratio Lower Upper

43 100

61 0.0 19.4 29.0#

87 0.0 9.8 14.6#

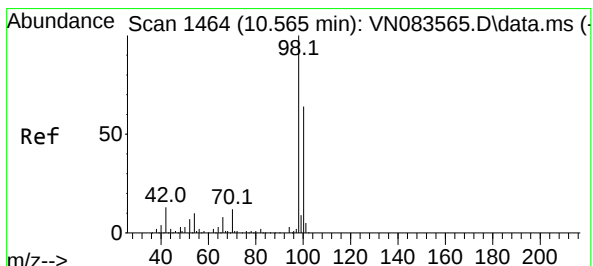
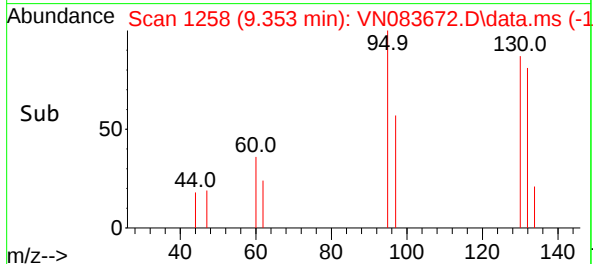
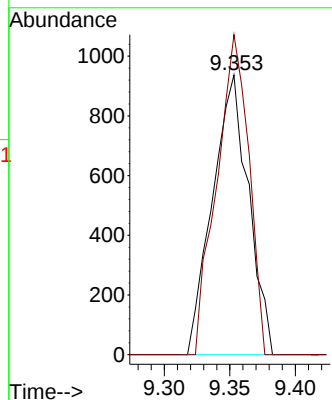
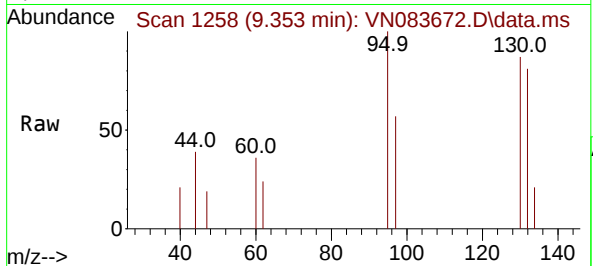




#44
Trichloroethene
Concen: 0.872 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083672.D
Acq: 05 Sep 2024 13:51

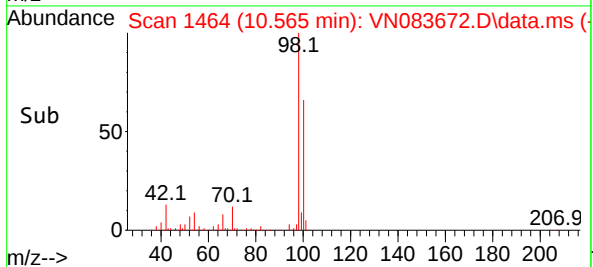
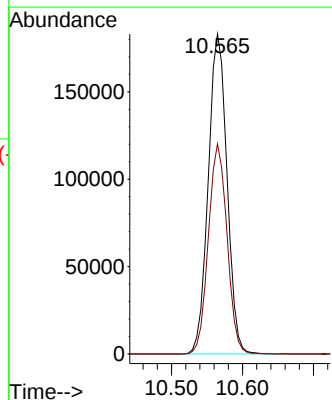
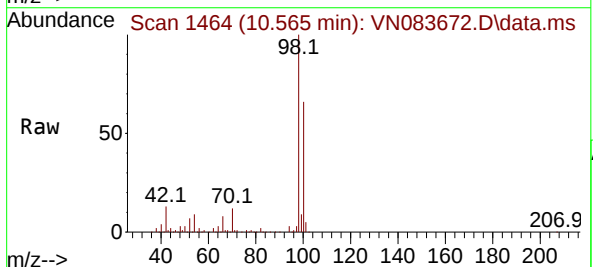
Instrument :
MSVOA_N
ClientSampleId :

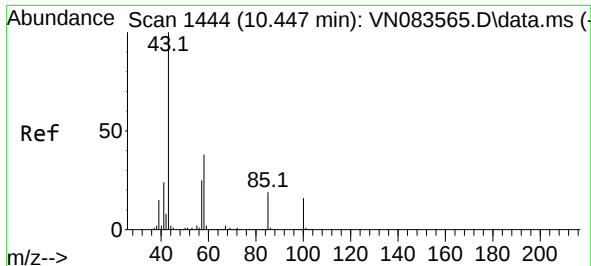
Tgt Ion:130 Resp: 1790
Ion Ratio Lower Upper
130 100
95 114.4 0.0 200.4



#50
Toluene-d8
Concen: 47.450 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083672.D
Acq: 05 Sep 2024 13:51

Tgt Ion: 98 Resp: 335854
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0

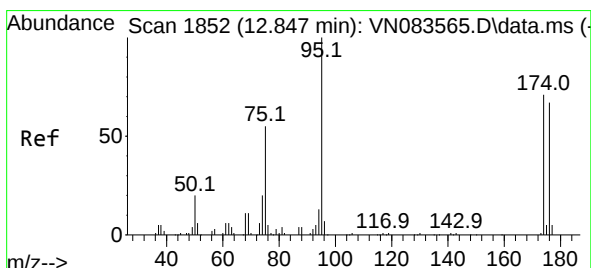
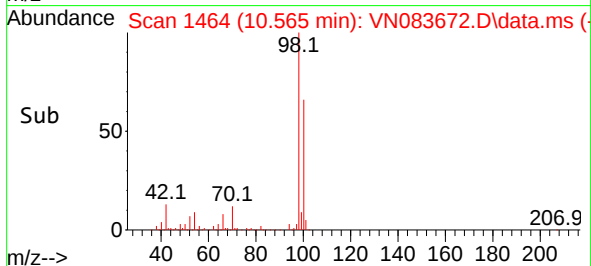
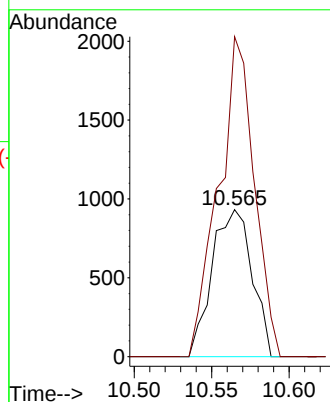
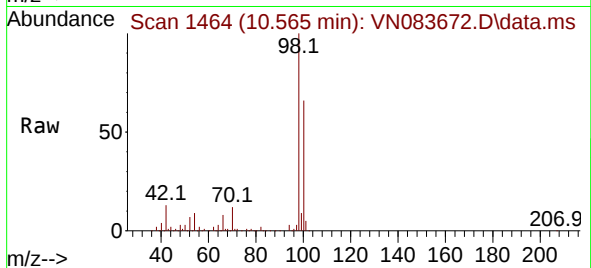




#51
4-Methyl-2-Pentanone
Concen: 0.651 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN083672.D
Acq: 05 Sep 2024 13:51

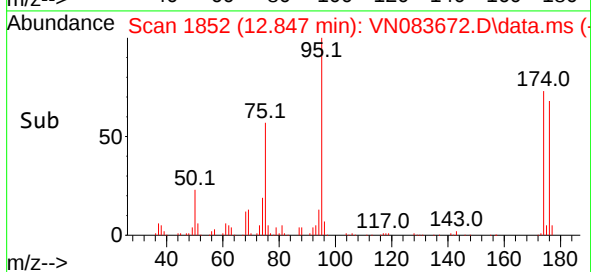
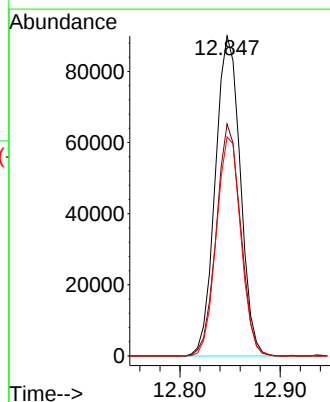
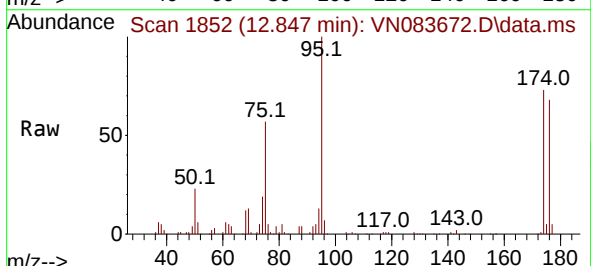
Instrument :
MSVOA_N
ClientSampleId :

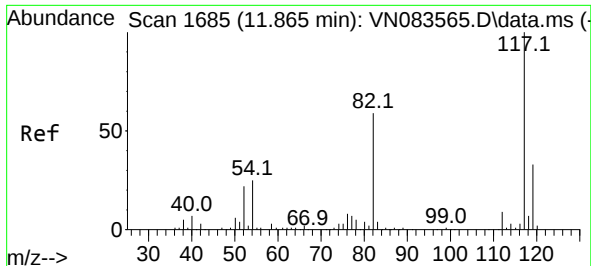
Tgt Ion: 43 Resp: 1671
Ion Ratio Lower Upper
43 100
58 194.7 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 59.306 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083672.D
Acq: 05 Sep 2024 13:51

Tgt Ion: 95 Resp: 155520
Ion Ratio Lower Upper
95 100
174 70.5 0.0 139.8
176 67.3 0.0 131.4

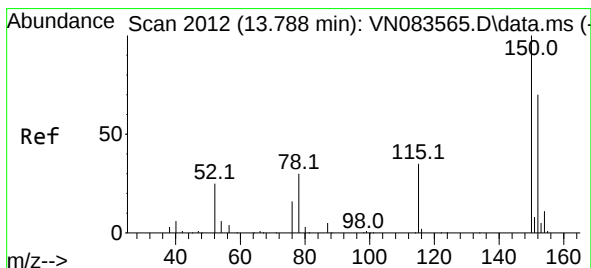
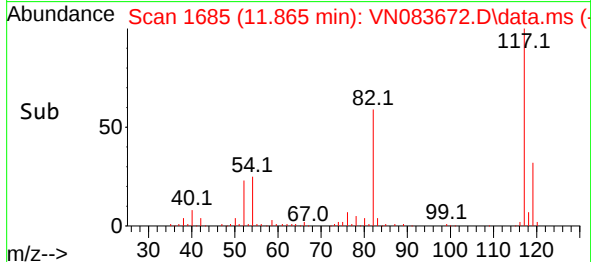
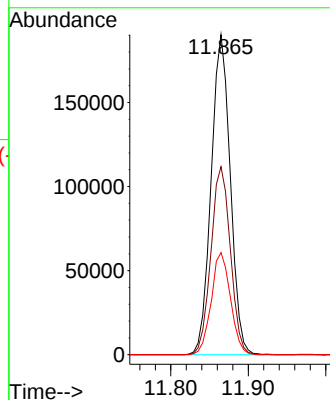
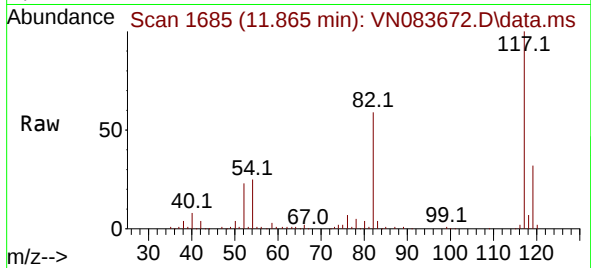




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN083672.D
Acq: 05 Sep 2024 13:51

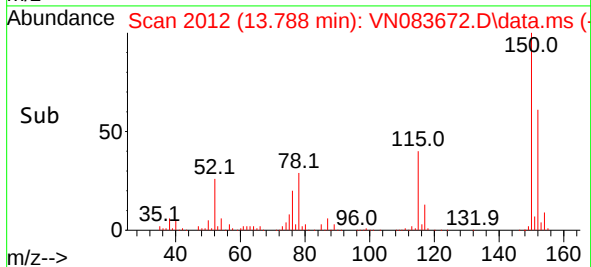
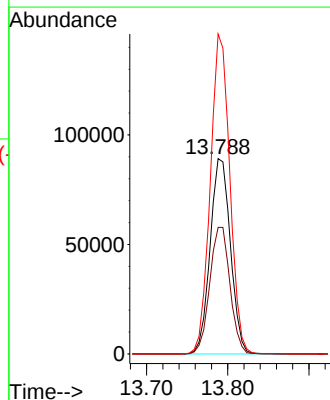
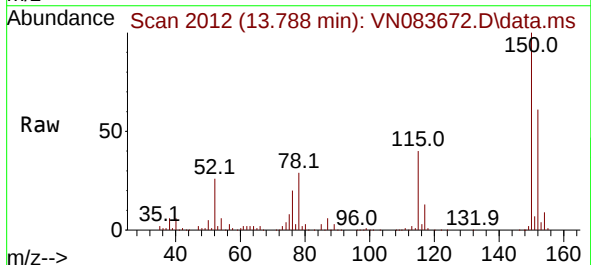
Instrument :
MSVOA_N
ClientSampleId :

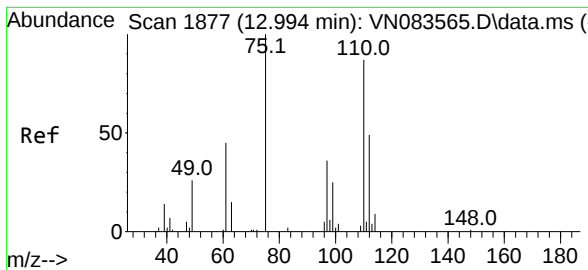
Tgt Ion:117 Resp: 325843
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.0
119 31.9 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN083672.D
Acq: 05 Sep 2024 13:51

Tgt Ion:152 Resp: 155246
Ion Ratio Lower Upper
152 100
115 64.5 32.2 96.6
150 157.1 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 27.531 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083672.D

Acq: 05 Sep 2024 13:51

Instrument :

MSVOA_N

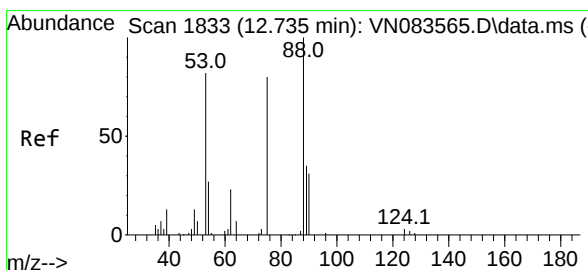
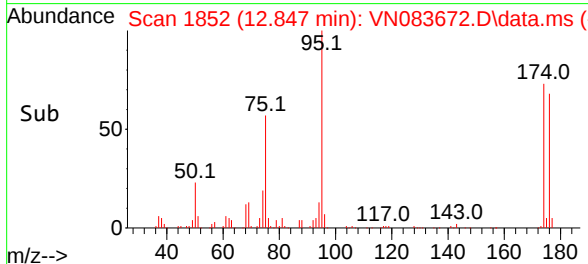
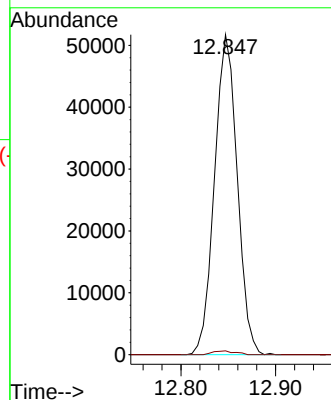
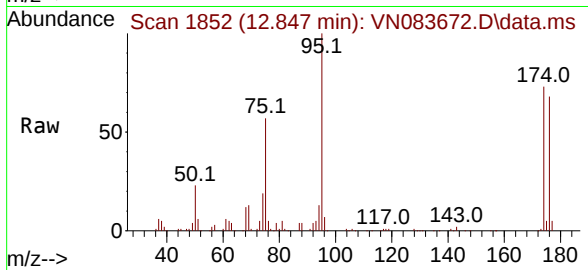
ClientSampleId :

Tgt Ion: 75 Resp: 86292

Ion Ratio Lower Upper

75 100

77 1.2 95.2 285.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.934 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN083672.D

Acq: 05 Sep 2024 13:51

Tgt Ion: 75 Resp: 86292

Ion Ratio Lower Upper

75 100

53 0.0 81.2 121.8#

89 0.0 35.7 53.5#

