

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090424\
 Data File : VN083655.D
 Acq On : 04 Sep 2024 17:30
 Operator : JC\MD
 Sample : P3804-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 05 02:29:07 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)

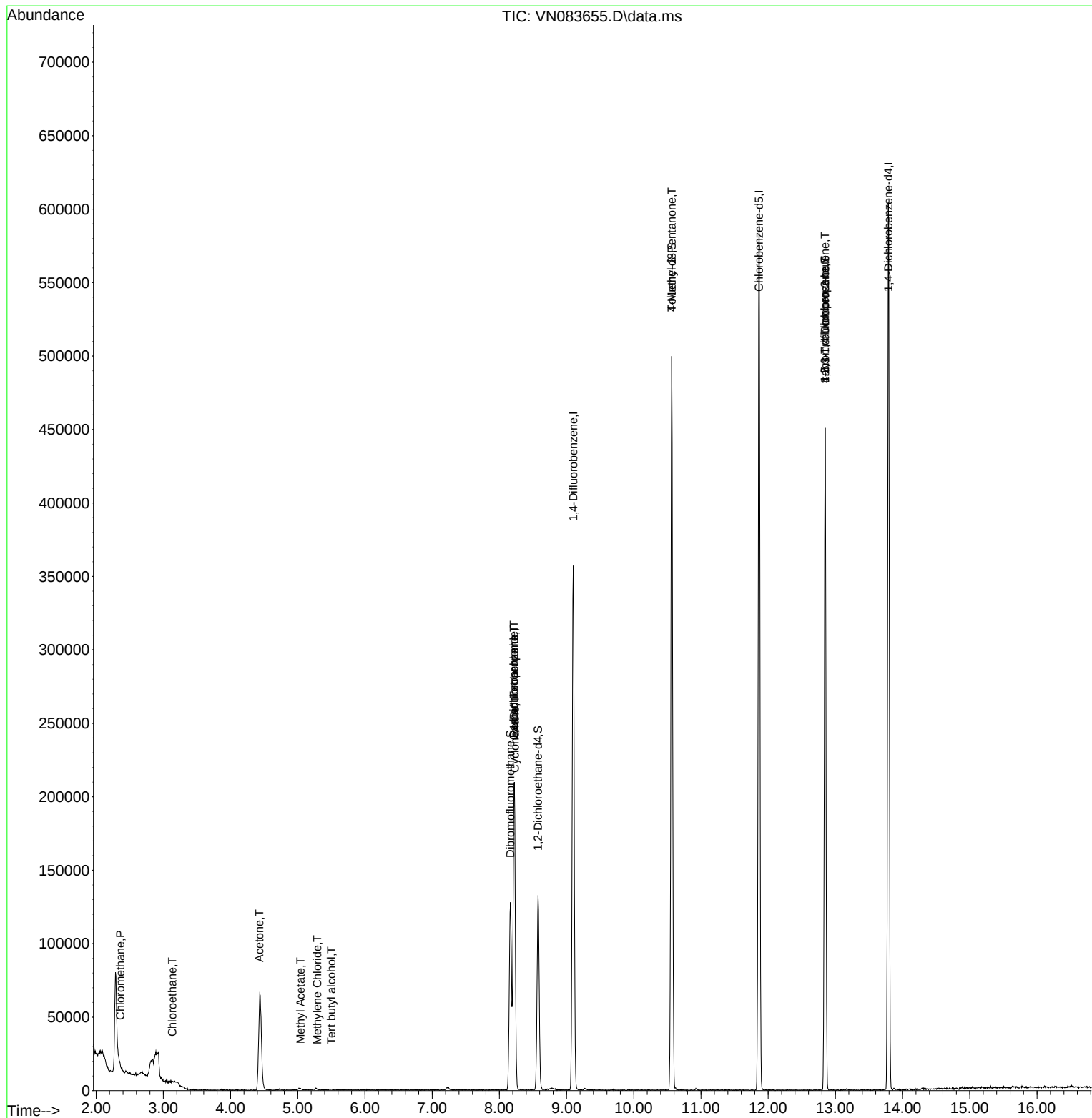
Internal Standards						
1) Pentafluorobenzene	8.224	168	148389	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	301507	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	323031	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	154170	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113238	54.602	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.200%	
35) Dibromofluoromethane	8.165	113	91223	50.269	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.540%	
50) Toluene-d8	10.565	98	330621	46.807	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.620%	
62) 4-Bromofluorobenzene	12.847	95	155674	59.466	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 118.940%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	921	0.503	ug/l	90
6) Chloroethane	3.136	64	594	0.496	ug/l #	45
11) Tert butyl alcohol	5.500	59	138	0.427	ug/l #	71
16) Acetone	4.430	43	1721	2.081	ug/l #	45
18) Methyl Acetate	5.042	43	2254	1.025	ug/l #	68
20) Methylene Chloride	5.289	84	546	0.299	ug/l #	62
31) Cyclohexane	8.230	56	3857	1.202	ug/l #	44
36) 1,1-Dichloropropene	8.218	75	12989	4.693	ug/l #	51
38) Carbon Tetrachloride	8.218	117	16061	5.086	ug/l #	17
43) Isopropyl Acetate	8.677	43	251	Below Cal	#	57
51) 4-Methyl-2-Pentanone	10.565	43	1543	0.602	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	88459	28.419	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	88459	67.029	ug/l #	9

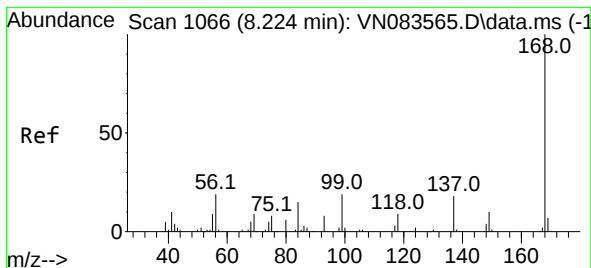
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090424\
Data File : VN083655.D
Acq On : 04 Sep 2024 17:30
Operator : JC\MD
Sample : P3804-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

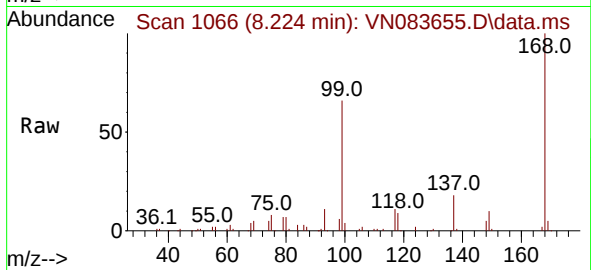
Quant Time: Sep 05 02:29:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 00:48:10 2024
Response via : Initial Calibration



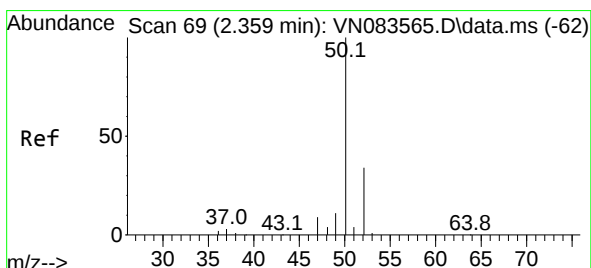
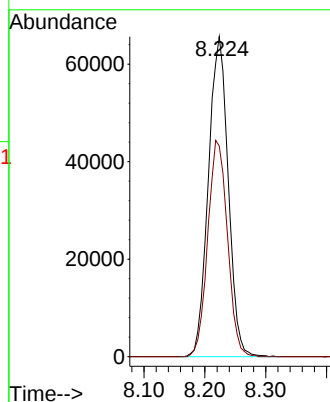
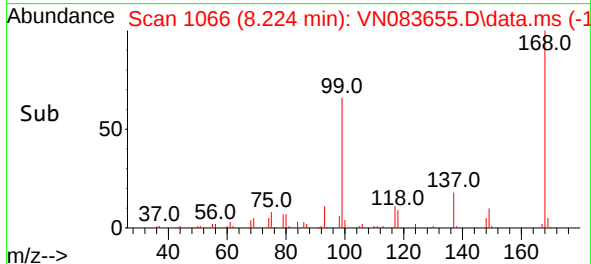


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083655.D
Acq: 04 Sep 2024 17:30

Instrument :
MSVOA_N
ClientSampleId :

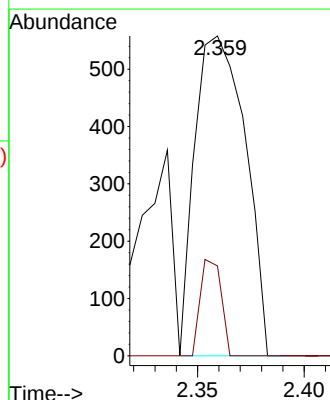
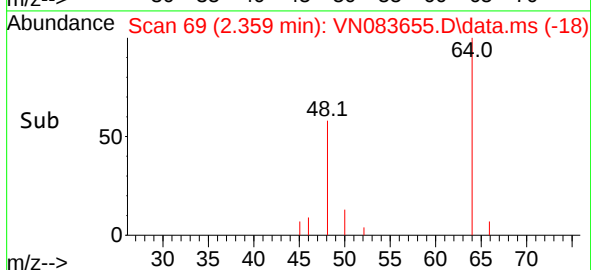
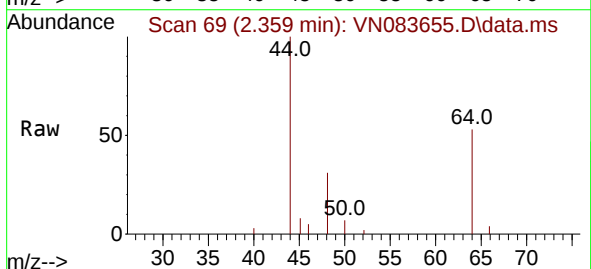


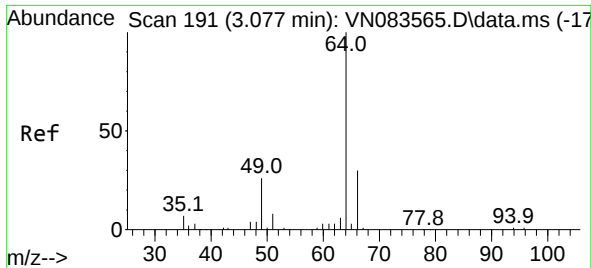
Tgt Ion:168 Resp: 148389
Ion Ratio Lower Upper
168 100
99 65.9 54.2 81.2



#3
Chloromethane
Concen: 0.503 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083655.D
Acq: 04 Sep 2024 17:30

Tgt Ion: 50 Resp: 921
Ion Ratio Lower Upper
50 100
52 28.1 27.2 40.8

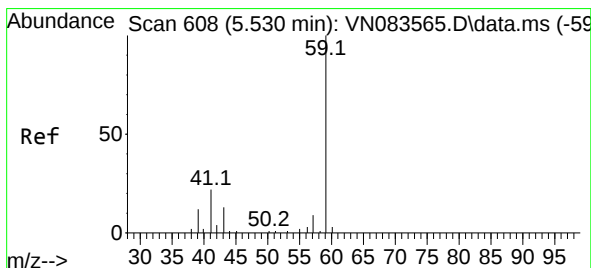
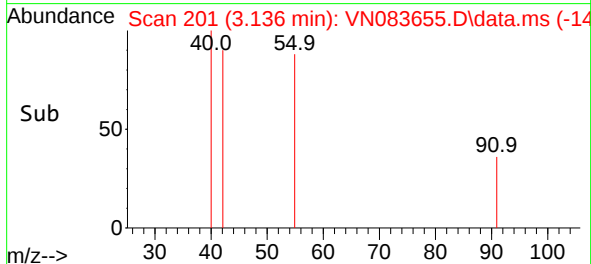
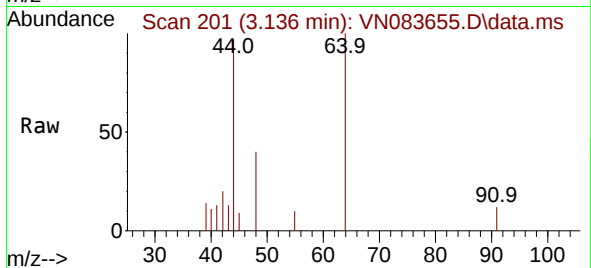




#6
Chloroethane
Concen: 0.496 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.059 min
Lab File: VN083655.D
Acq: 04 Sep 2024 17:30

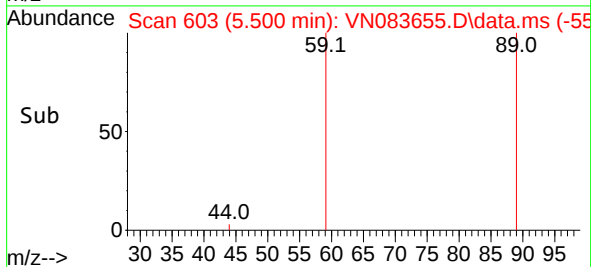
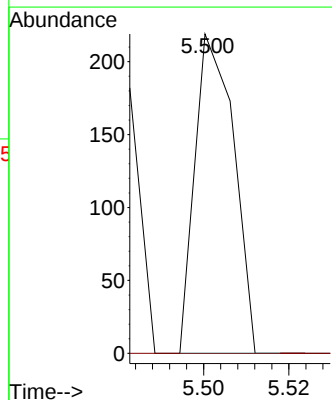
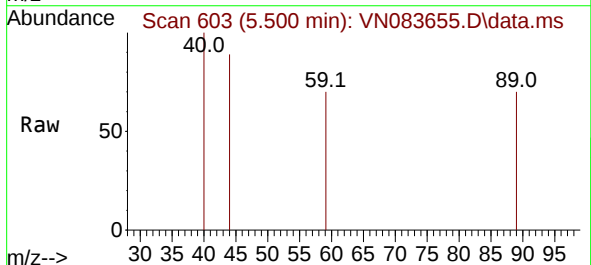
Instrument :
MSVOA_N
ClientSampleId :

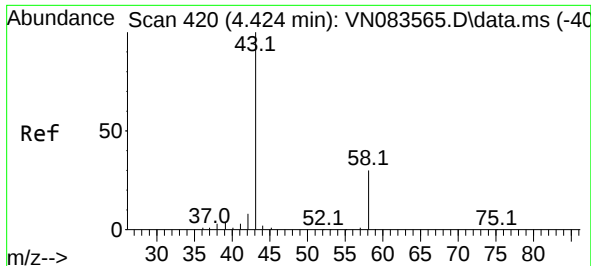
Tgt Ion: 64 Resp: 594
Ion Ratio Lower Upper
64 100
66 0.0 23.9 35.9#



#11
Tert butyl alcohol
Concen: 0.427 ug/l
RT: 5.500 min Scan# 603
Delta R.T. -0.029 min
Lab File: VN083655.D
Acq: 04 Sep 2024 17:30

Tgt Ion: 59 Resp: 138
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

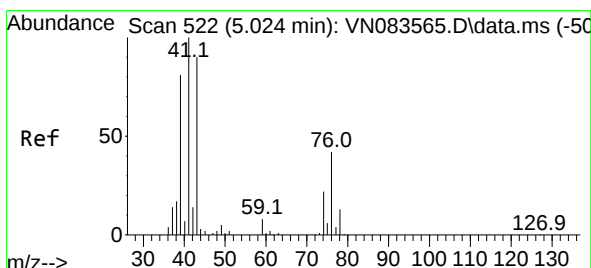
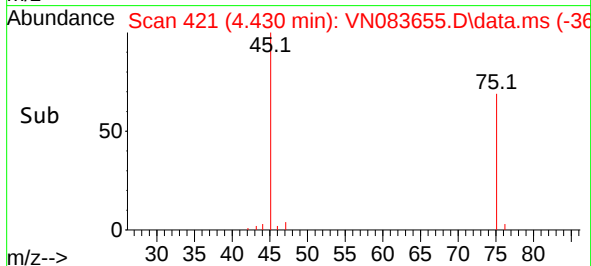
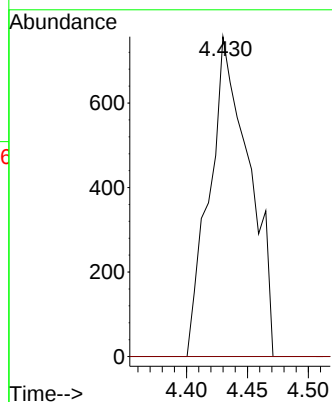
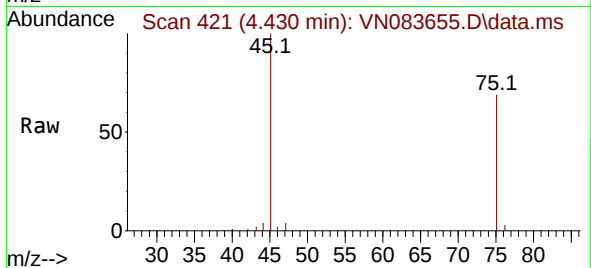




#16
Acetone
Concen: 2.081 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN083655.D
Acq: 04 Sep 2024 17:30

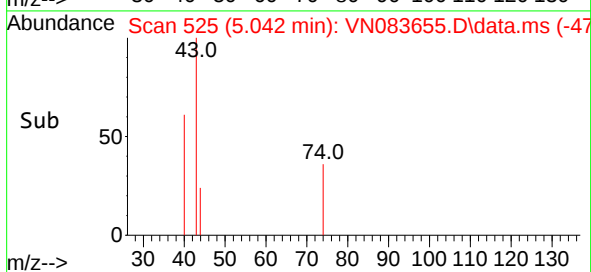
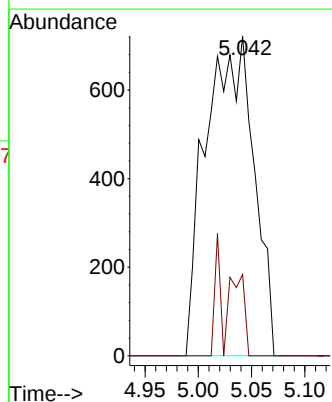
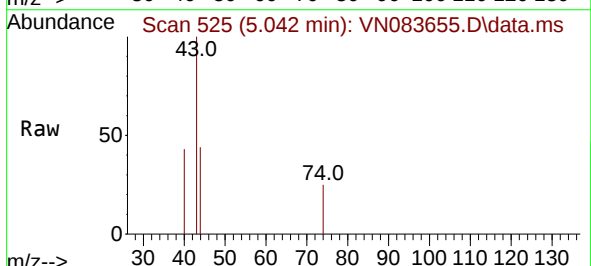
Instrument :
MSVOA_N
ClientSampleId :

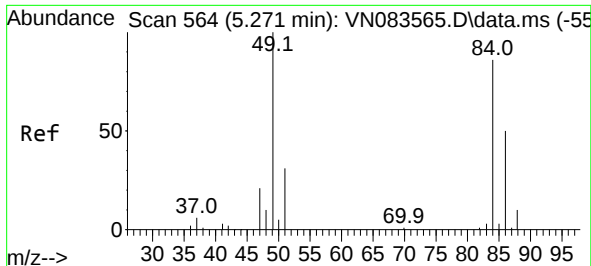
Tgt Ion: 43 Resp: 1721
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



#18
Methyl Acetate
Concen: 1.025 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.018 min
Lab File: VN083655.D
Acq: 04 Sep 2024 17:30

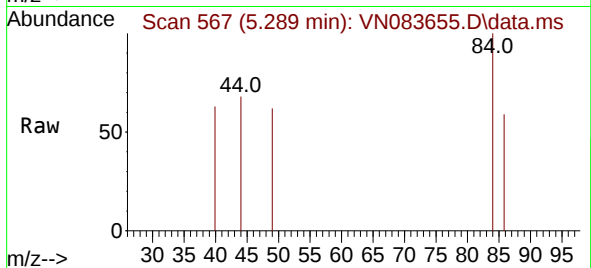
Tgt Ion: 43 Resp: 2254
Ion Ratio Lower Upper
43 100
74 8.1 19.0 28.4#



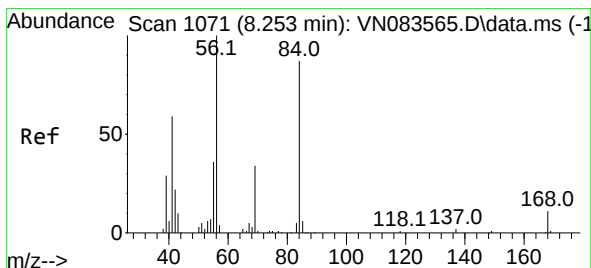
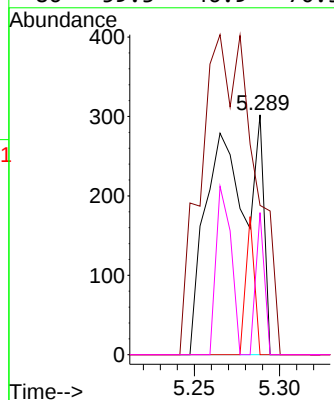


#20
Methylene Chloride
Concen: 0.299 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN083655.D
Acq: 04 Sep 2024 17:30

Instrument :
MSVOA_N
ClientSampleId :

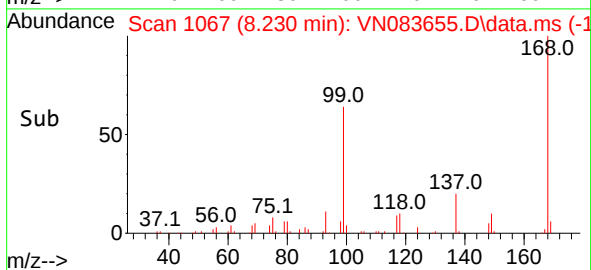
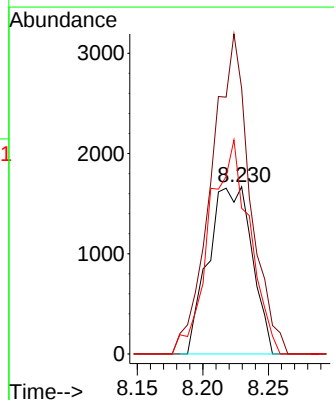
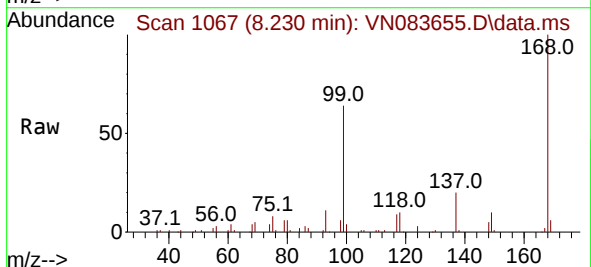


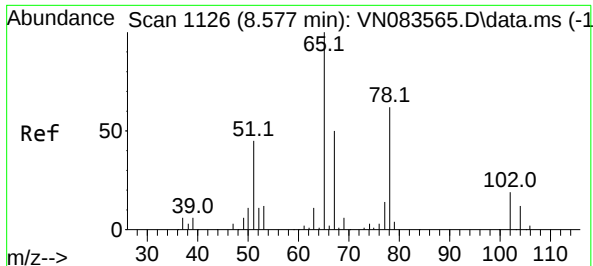
Tgt Ion:	84	Resp:	546
Ion	Ratio	Lower	Upper
84	100		
49	62.3	93.4	140.0#
51	0.0	29.2	43.8#
86	59.3	46.9	70.3



#31
Cyclohexane
Concen: 1.202 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.024 min
Lab File: VN083655.D
Acq: 04 Sep 2024 17:30

Tgt Ion:	56	Resp:	3857
Ion	Ratio	Lower	Upper
56	100		
69	146.8	26.9	40.3#
84	87.2	69.2	103.8





#33

1,2-Dichloroethane-d4

Concen: 54.602 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN083655.D

Acq: 04 Sep 2024 17:30

Instrument :

MSVOA_N

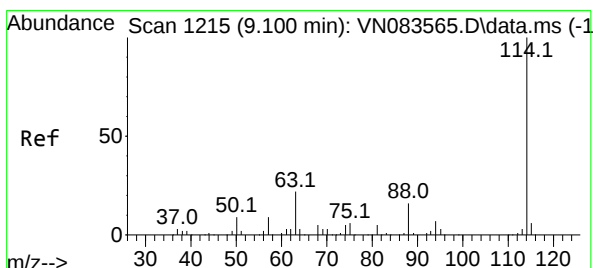
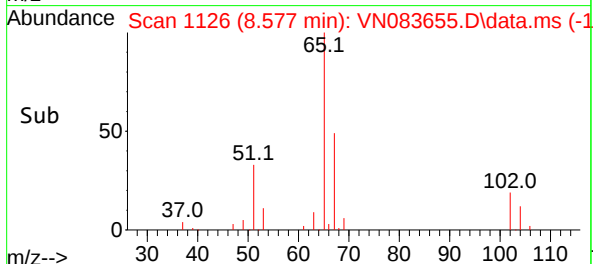
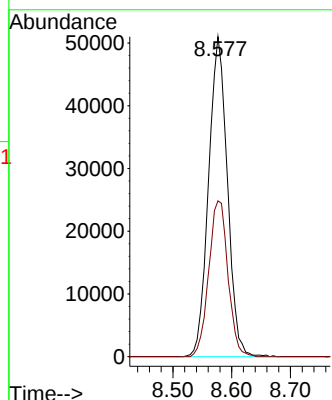
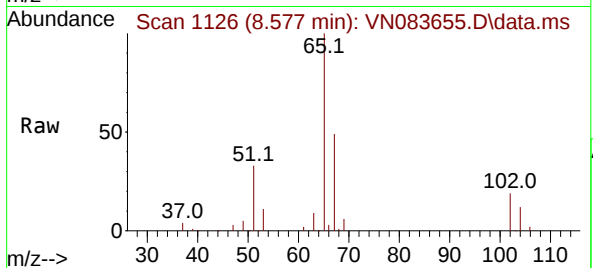
ClientSampleId :

Tgt Ion: 65 Resp: 113238

Ion Ratio Lower Upper

65 100

67 49.7 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: VN083655.D

Acq: 04 Sep 2024 17:30

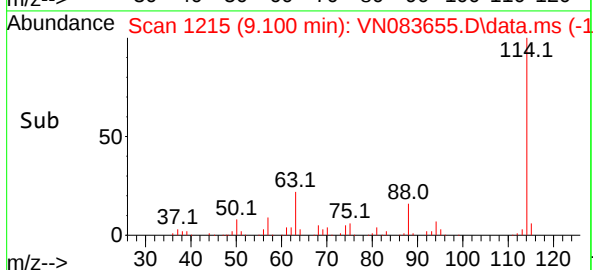
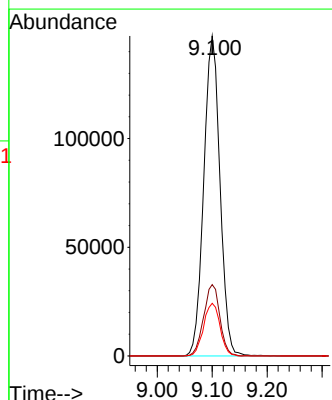
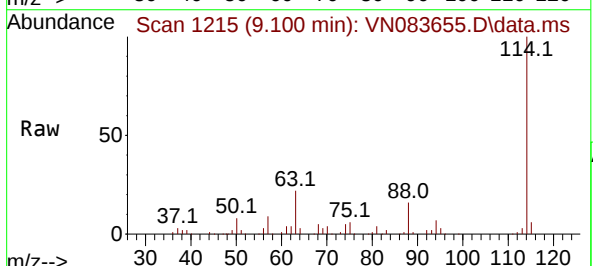
Tgt Ion: 114 Resp: 301507

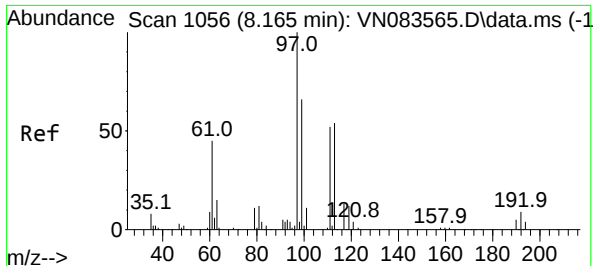
Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.4

88 16.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.269 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083655.D

Acq: 04 Sep 2024 17:30

Instrument :

MSVOA_N

ClientSampleId :

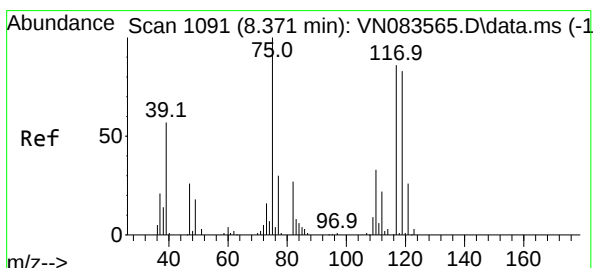
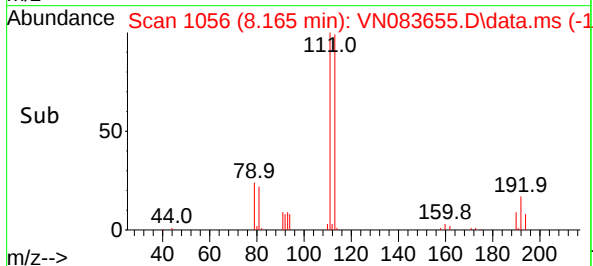
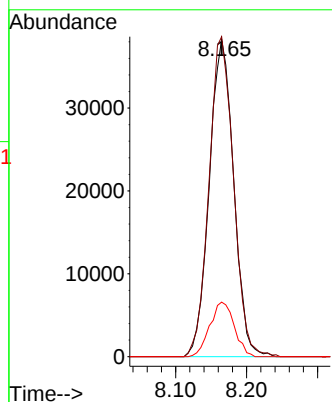
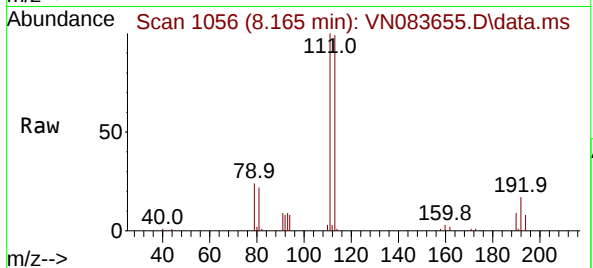
Tgt Ion:113 Resp: 91223

Ion Ratio Lower Upper

113 100

111 101.5 82.6 124.0

192 17.2 14.3 21.5



#36

1,1-Dichloropropene

Concen: 4.693 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN083655.D

Acq: 04 Sep 2024 17:30

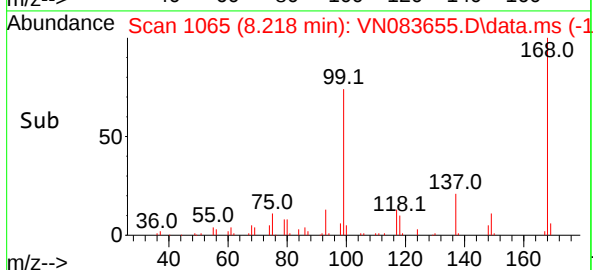
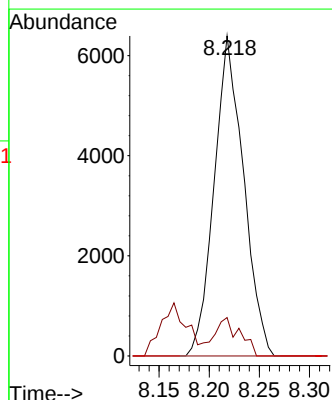
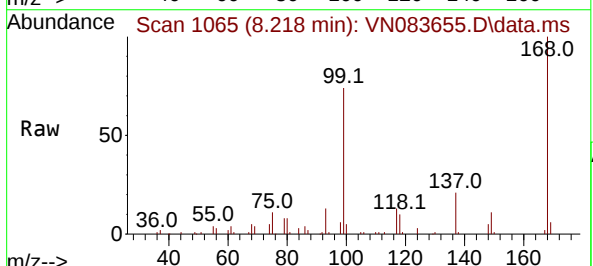
Tgt Ion: 75 Resp: 12989

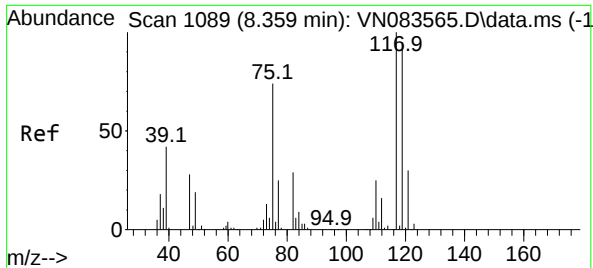
Ion Ratio Lower Upper

75 100

110 10.1 16.7 50.1#

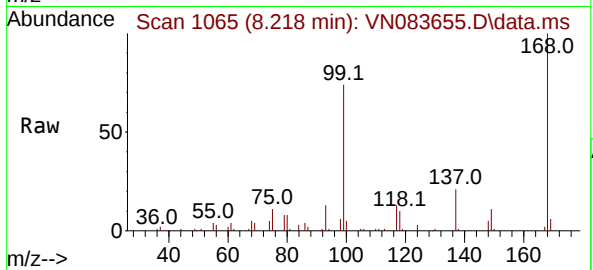
77 0.0 25.2 37.8#



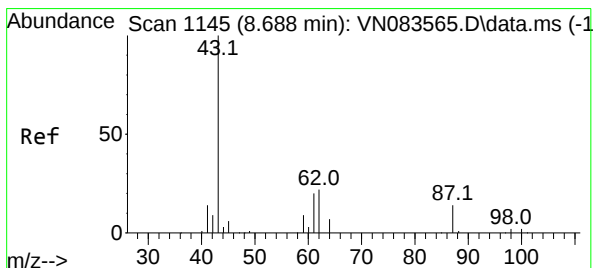
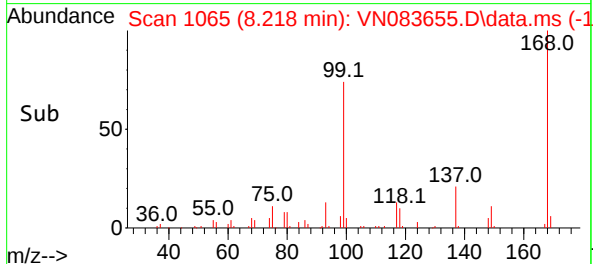
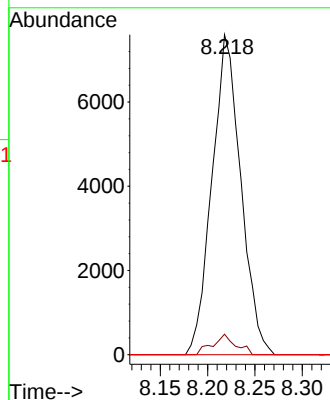


#38
Carbon Tetrachloride
Concen: 5.086 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN083655.D
Acq: 04 Sep 2024 17:30

Instrument :
MSVOA_N
ClientSampleId :

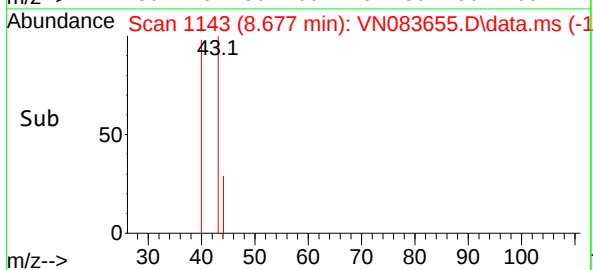
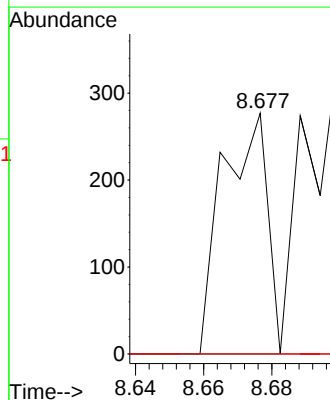
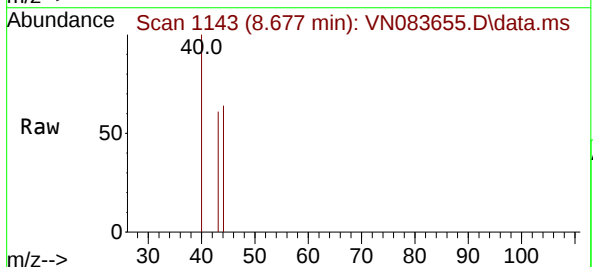


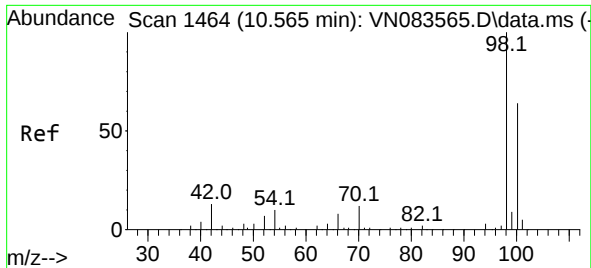
Tgt Ion:117 Resp: 16061
Ion Ratio Lower Upper
117 100
119 6.4 76.1 114.1#
121 0.0 24.1 36.1#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.677 min Scan# 1143
Delta R.T. -0.011 min
Lab File: VN083655.D
Acq: 04 Sep 2024 17:30

Tgt Ion: 43 Resp: 251
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#

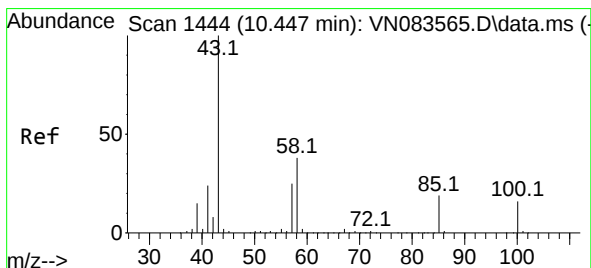
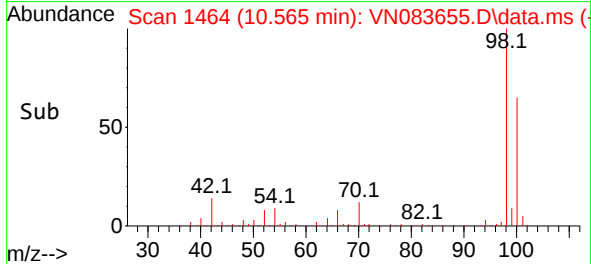
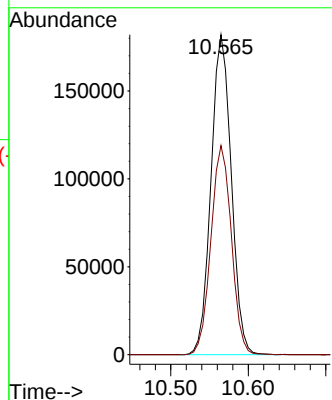
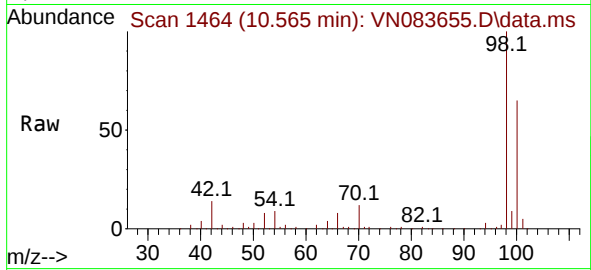




#50
Toluene-d8
Concen: 46.807 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083655.D
Acq: 04 Sep 2024 17:30

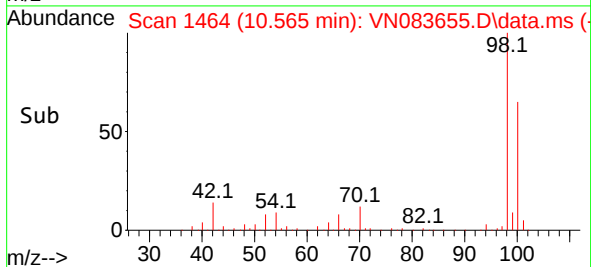
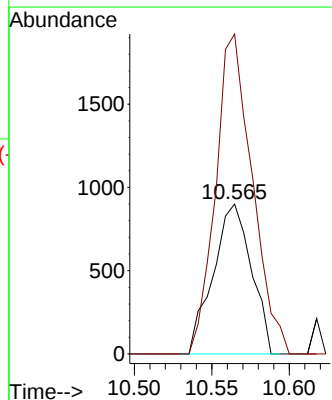
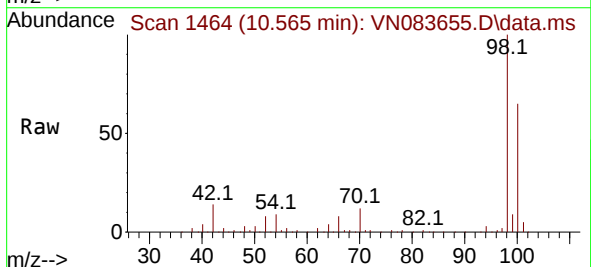
Instrument :
MSVOA_N
ClientSampleId :

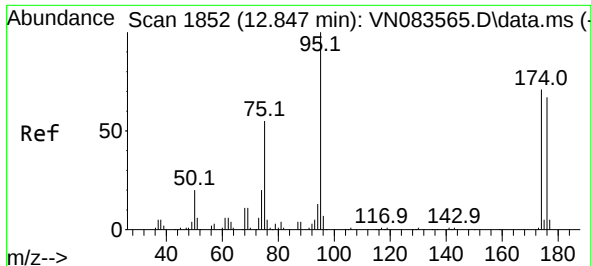
Tgt Ion: 98 Resp: 330621
Ion Ratio Lower Upper
98 100
100 66.0 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.602 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN083655.D
Acq: 04 Sep 2024 17:30

Tgt Ion: 43 Resp: 1543
Ion Ratio Lower Upper
43 100
58 204.8 31.6 47.4#

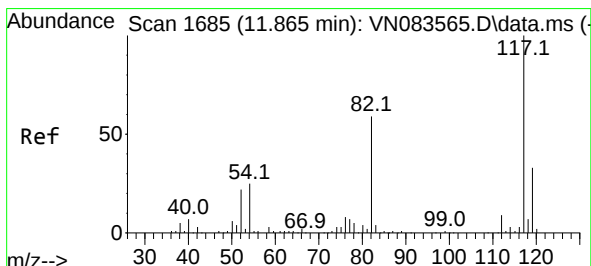
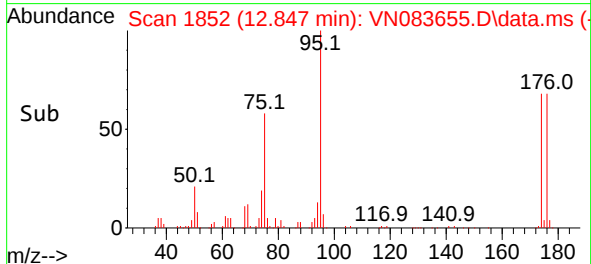
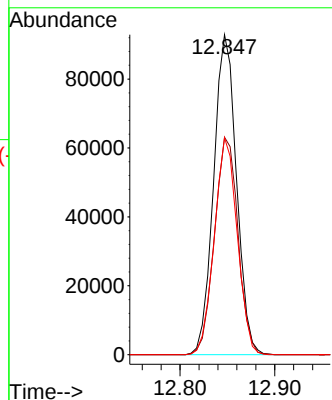
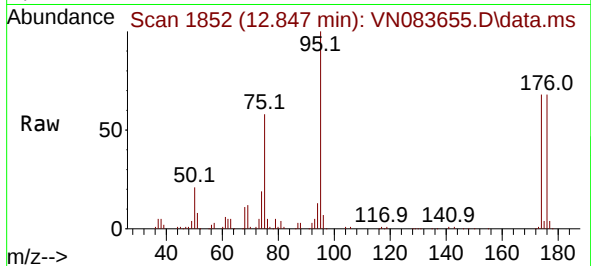




#62
4-Bromofluorobenzene
Concen: 59.466 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083655.D
Acq: 04 Sep 2024 17:30

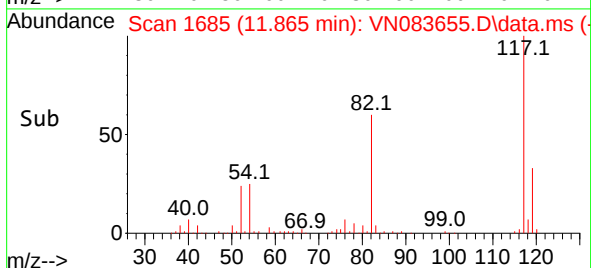
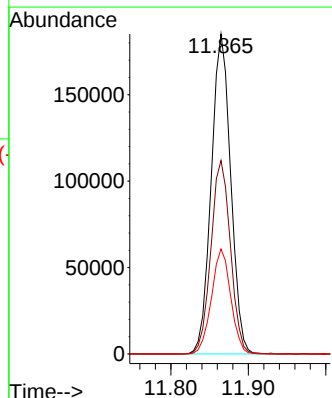
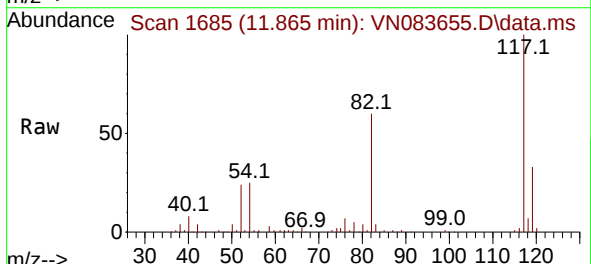
Instrument :
MSVOA_N
ClientSampleId :

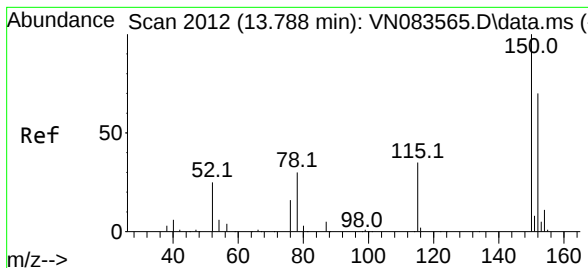
Tgt Ion: 95 Resp: 155674
Ion Ratio Lower Upper
95 100
174 70.0 0.0 139.8
176 68.0 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083655.D
Acq: 04 Sep 2024 17:30

Tgt Ion: 117 Resp: 323031
Ion Ratio Lower Upper
117 100
82 60.4 47.4 71.0
119 32.8 26.3 39.5

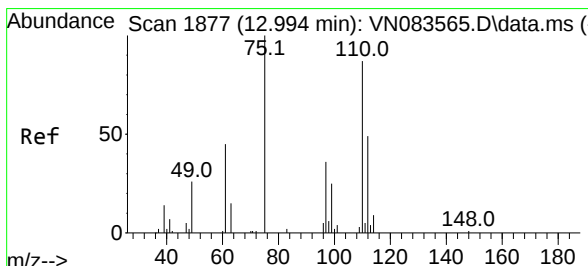
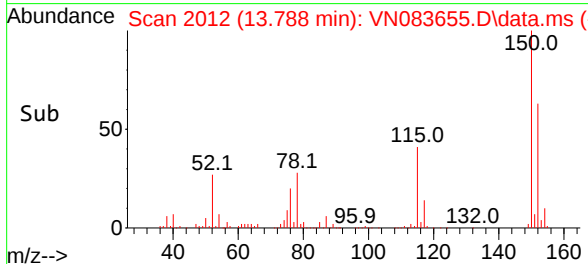
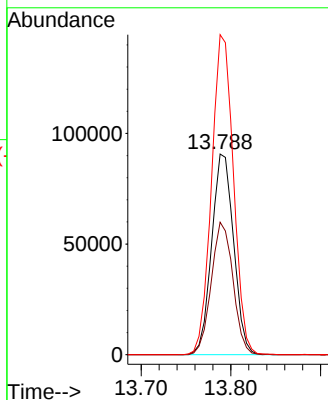
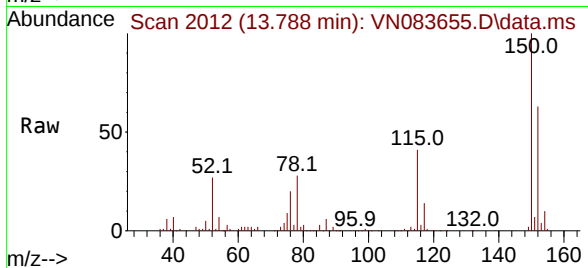




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN083655.D
 Acq: 04 Sep 2024 17:30

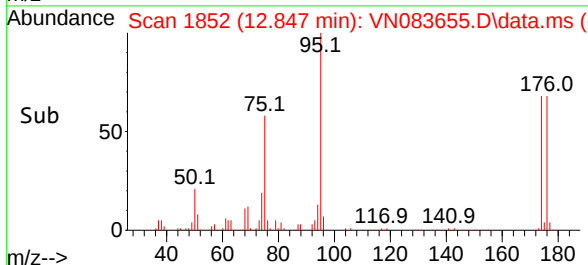
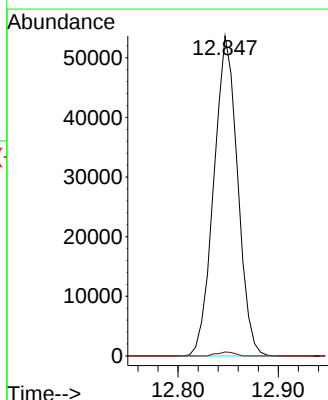
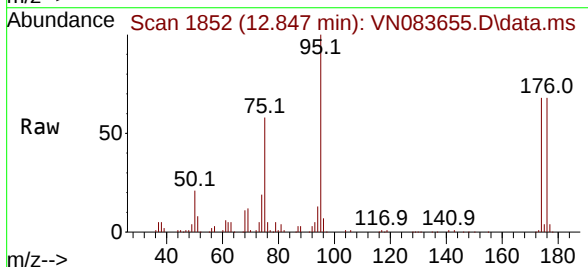
Instrument :
 MSVOA_N
 ClientSampleId :

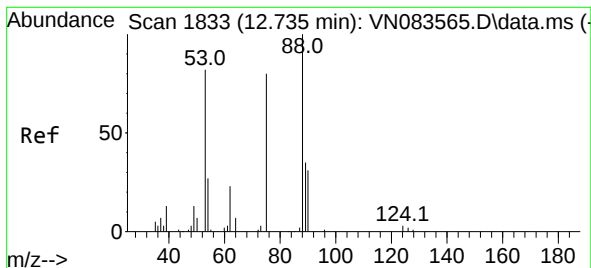
Tgt Ion:152 Resp: 154170
 Ion Ratio Lower Upper
 152 100
 115 65.2 32.2 96.6
 150 159.1 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 28.419 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN083655.D
 Acq: 04 Sep 2024 17:30

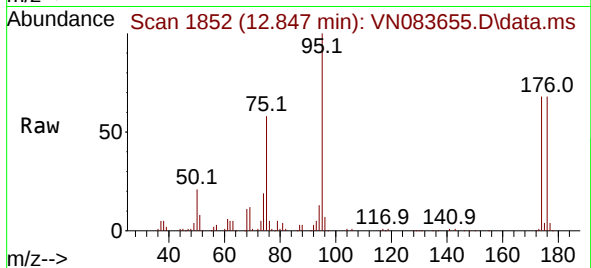
Tgt Ion: 75 Resp: 88459
 Ion Ratio Lower Upper
 75 100
 77 0.9 95.2 285.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 67.029 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083655.D
Acq: 04 Sep 2024 17:30

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 88459
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

