

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
 Data File : VN083599.D
 Acq On : 31 Aug 2024 06:57
 Operator : JC\MD
 Sample : P3769-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 02 00:59:33 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)

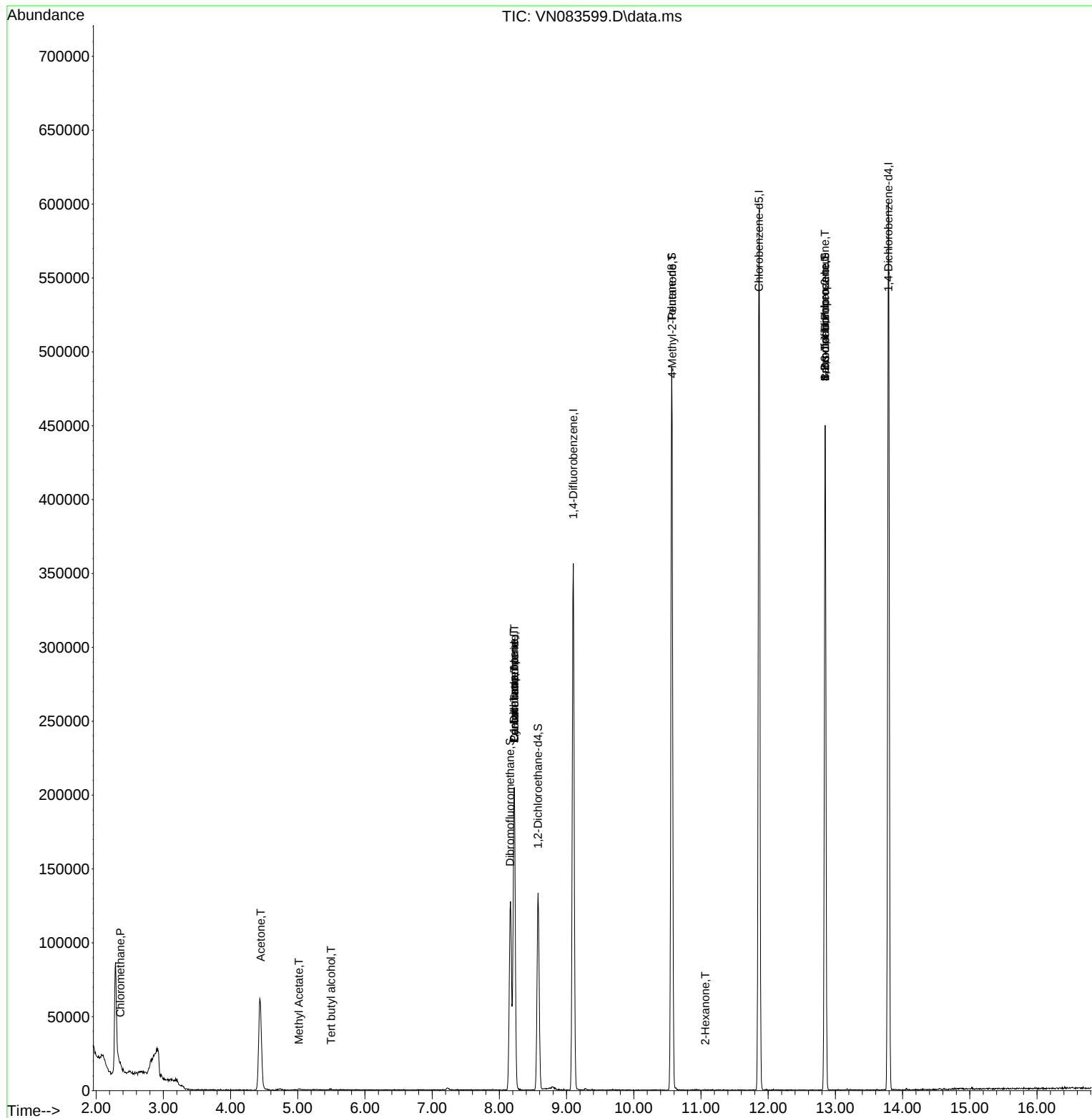
Internal Standards						
1) Pentafluorobenzene	8.224	168	141940	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	297928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	317879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	154558	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114406	57.672	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 115.340%	
35) Dibromofluoromethane	8.159	113	91713	51.146	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.300%	
50) Toluene-d8	10.565	98	333288	47.728	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.460%	
62) 4-Bromofluorobenzene	12.847	95	156974	60.683	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 121.360%#	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1169	0.668	ug/l	96
11) Tert butyl alcohol	5.495	59	138	0.446	ug/l #	71
16) Acetone	4.448	43	1889	2.388	ug/l #	45
18) Methyl Acetate	5.018	43	1361	0.647	ug/l #	61
31) Cyclohexane	8.224	56	3733	1.217	ug/l #	35
36) 1,1-Dichloropropene	8.218	75	12790	4.676	ug/l #	48
38) Carbon Tetrachloride	8.224	117	16873	5.407	ug/l #	16
43) Isopropyl Acetate	8.677	43	776	Below Cal	#	57
51) 4-Methyl-2-Pentanone	10.571	43	1600	0.632	ug/l #	1
59) 2-Hexanone	11.065	43	434	0.229	ug/l #	24
71) Bromoform	12.847	173	599	0.349	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	87641	28.086	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	87641	66.242	ug/l #	9

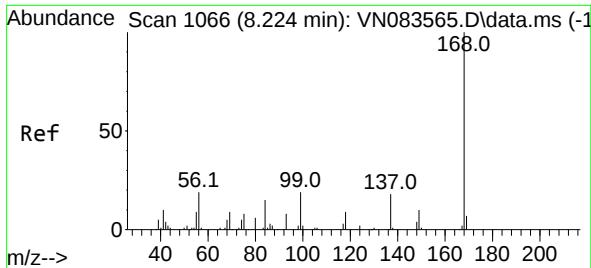
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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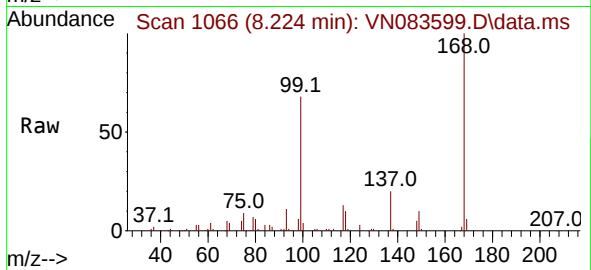
Quant Time: Sep 02 00:59:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 00:48:10 2024
Response via : Initial Calibration



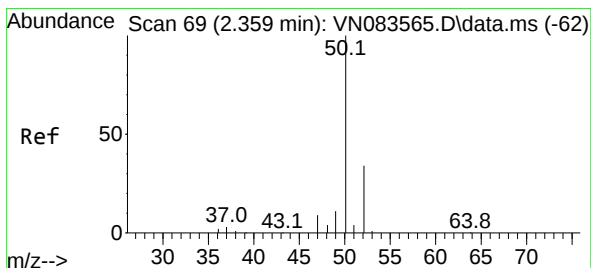
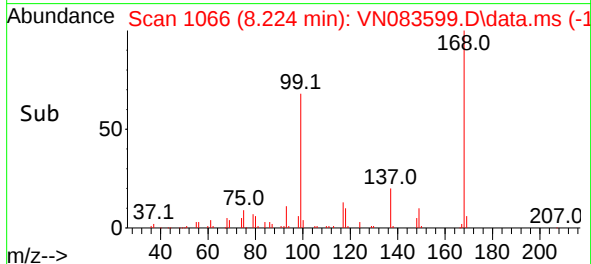
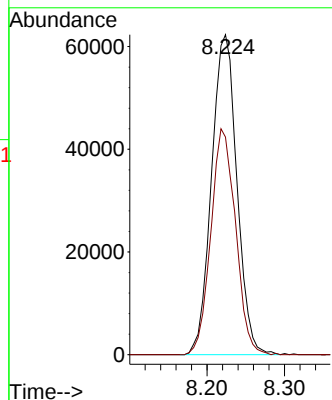


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083599.D
Acq: 31 Aug 2024 06:57

Instrument :
MSVOA_N
ClientSampleId :

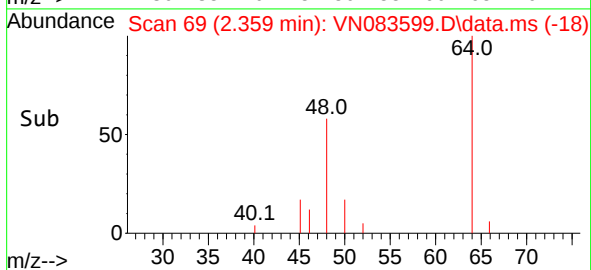
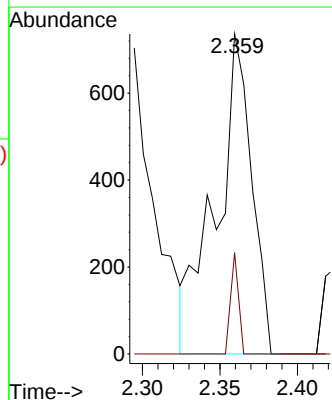
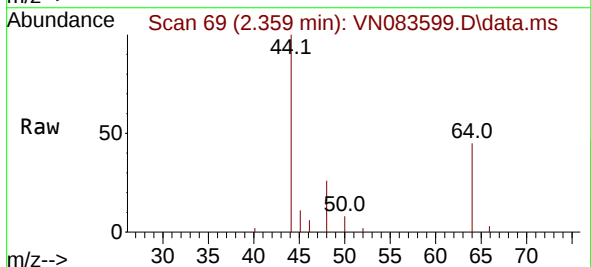


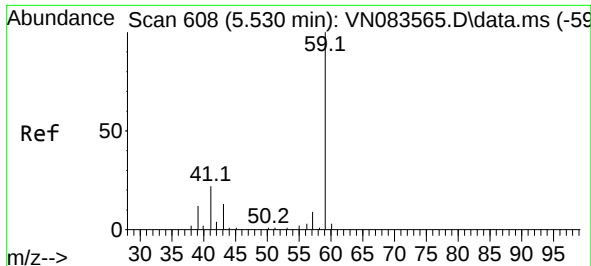
Tgt Ion:168 Resp: 141940
Ion Ratio Lower Upper
168 100
99 68.0 54.2 81.2



#3
Chloromethane
Concen: 0.668 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083599.D
Acq: 31 Aug 2024 06:57

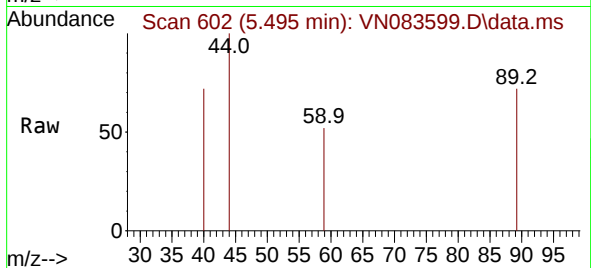
Tgt Ion: 50 Resp: 1169
Ion Ratio Lower Upper
50 100
52 31.7 27.2 40.8



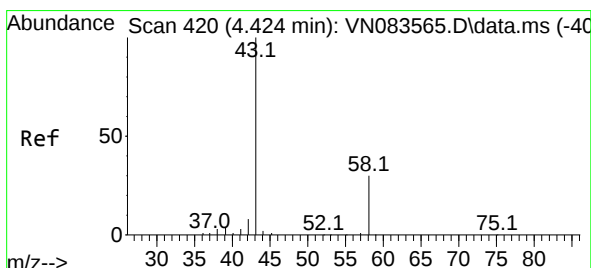
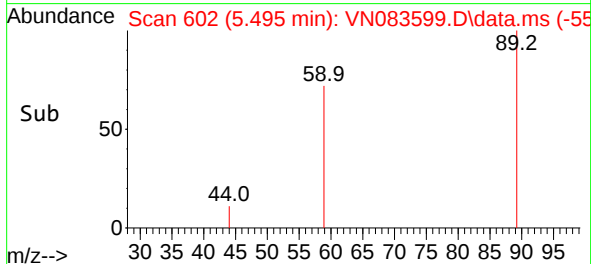
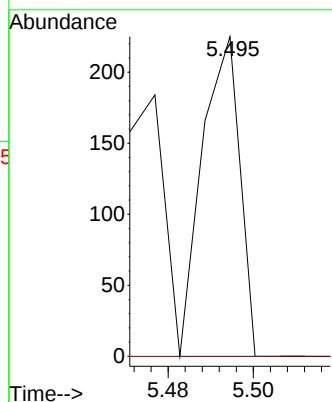


#11
Tert butyl alcohol
Concen: 0.446 ug/l
RT: 5.495 min Scan# 608
Delta R.T. -0.035 min
Lab File: VN083599.D
Acq: 31 Aug 2024 06:57

Instrument :
MSVOA_N
ClientSampleId :

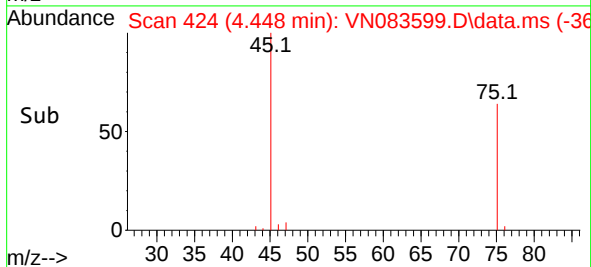
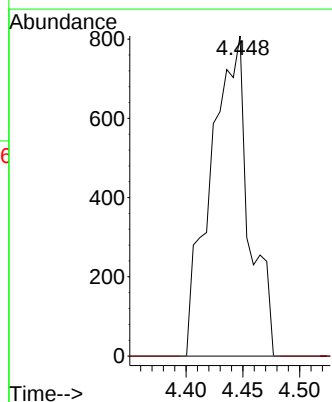
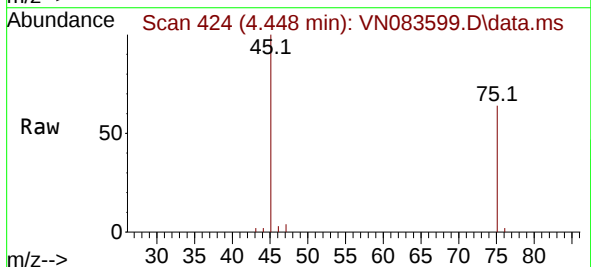


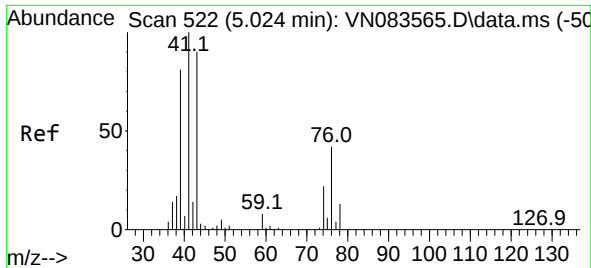
Tgt Ion: 59 Resp: 138
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#16
Acetone
Concen: 2.388 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.024 min
Lab File: VN083599.D
Acq: 31 Aug 2024 06:57

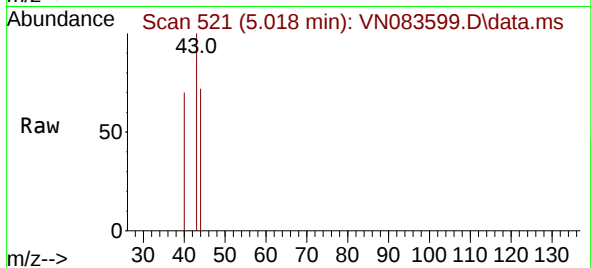
Tgt Ion: 43 Resp: 1889
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



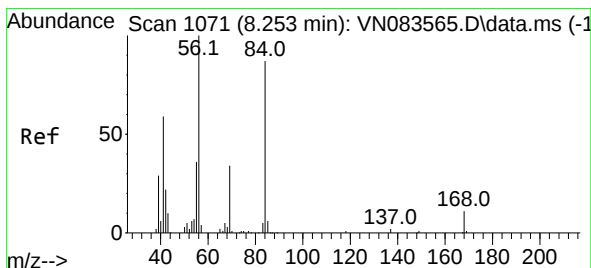
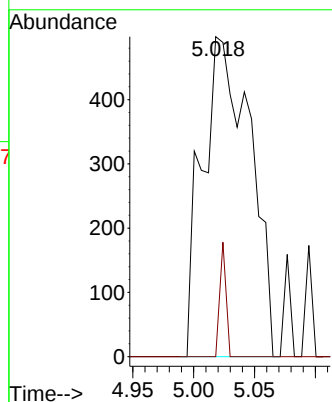
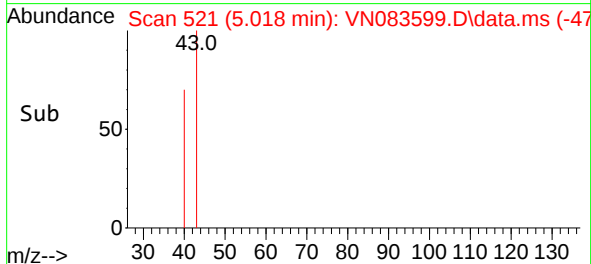


#18
Methyl Acetate
Concen: 0.647 ug/l
RT: 5.018 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN083599.D
Acq: 31 Aug 2024 06:57

Instrument :
MSVOA_N
ClientSampleId :

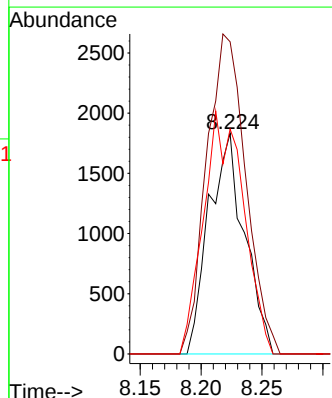
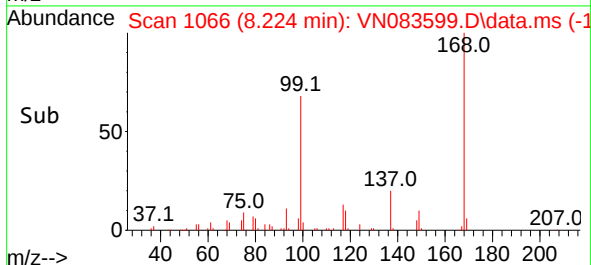
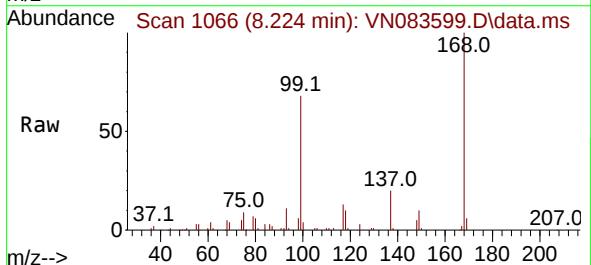


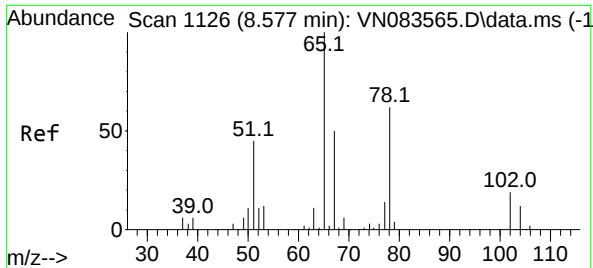
Tgt Ion: 43 Resp: 1361
Ion Ratio Lower Upper
43 100
74 4.6 19.0 28.4#



#31
Cyclohexane
Concen: 1.217 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN083599.D
Acq: 31 Aug 2024 06:57

Tgt Ion: 56 Resp: 3733
Ion Ratio Lower Upper
56 100
69 141.5 26.9 40.3#
84 102.0 69.2 103.8

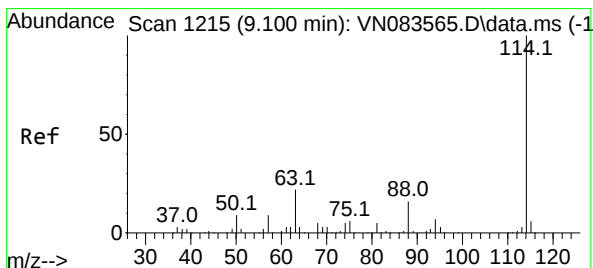
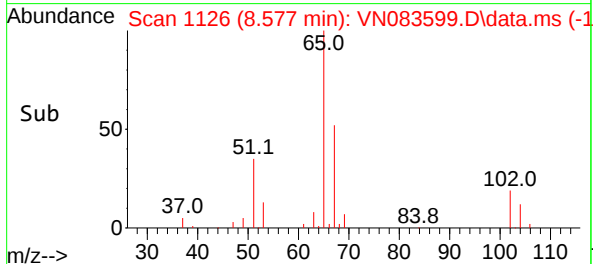
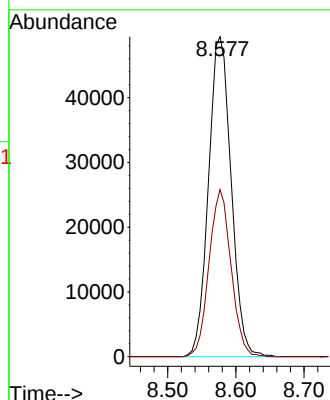
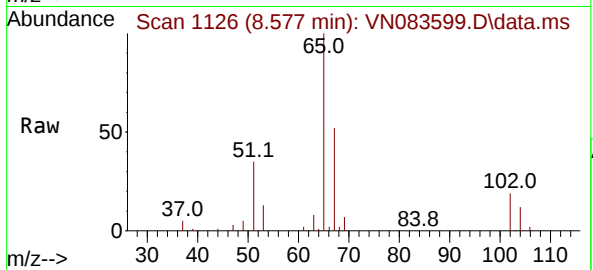




#33
 1,2-Dichloroethane-d4
 Concen: 57.672 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN083599.D
 Acq: 31 Aug 2024 06:57

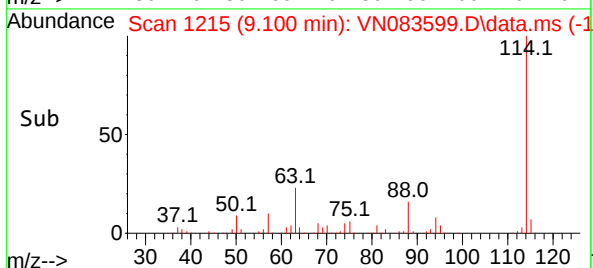
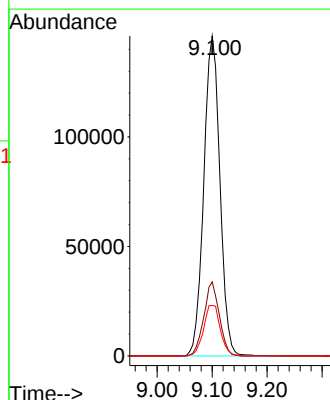
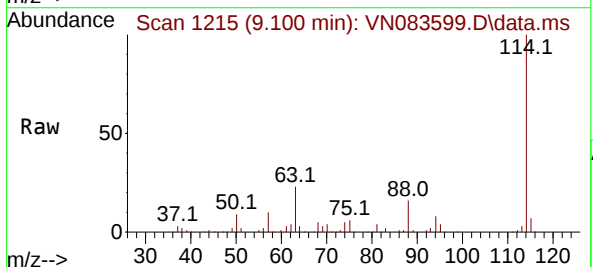
Instrument :
 MSVOA_N
 ClientSampleId :

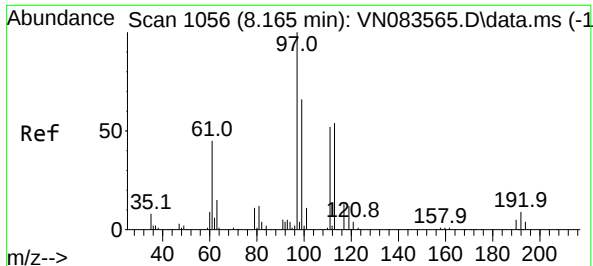
Tgt Ion: 65 Resp: 114406
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN083599.D
 Acq: 31 Aug 2024 06:57

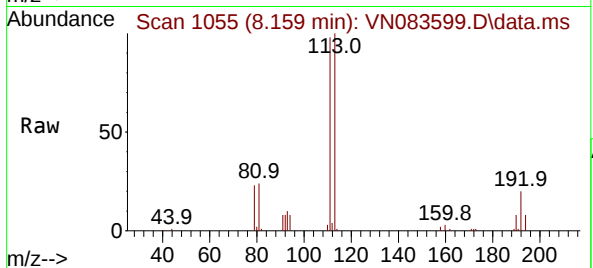
Tgt Ion: 114 Resp: 297928
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 43.4
 88 15.8 0.0 32.6



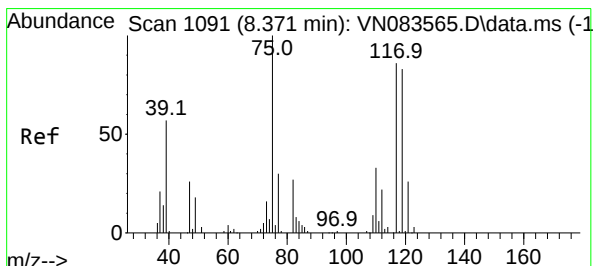
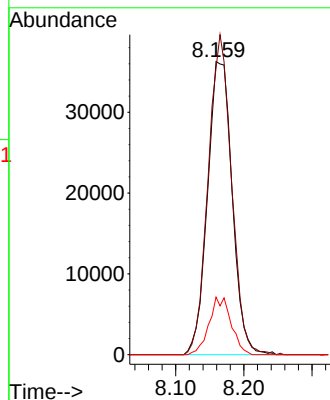
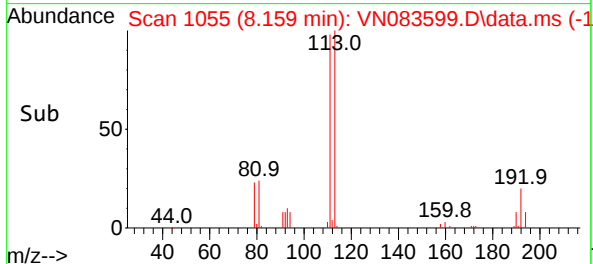


#35
Dibromofluoromethane
Concen: 51.146 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN083599.D
Acq: 31 Aug 2024 06:57

Instrument :
MSVOA_N
ClientSampleId :

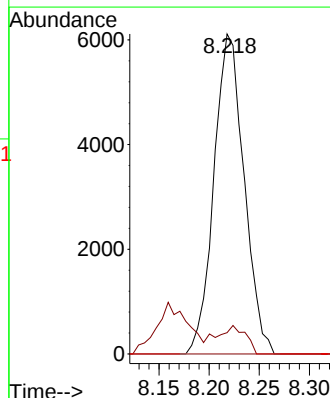
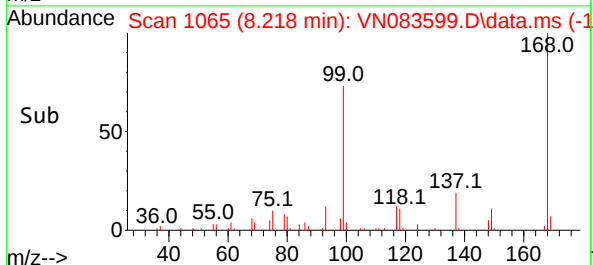
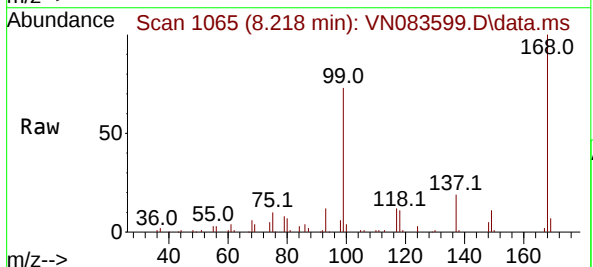


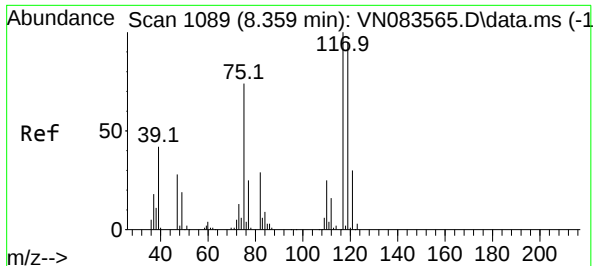
Tgt Ion:113 Resp: 91713
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 17.5 14.3 21.5



#36
1,1-Dichloropropene
Concen: 4.676 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN083599.D
Acq: 31 Aug 2024 06:57

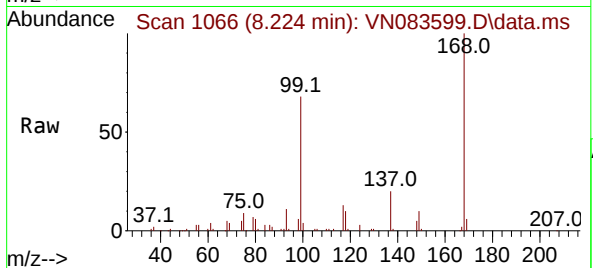
Tgt Ion: 75 Resp: 12790
Ion Ratio Lower Upper
75 100
110 6.7 16.7 50.1#
77 0.0 25.2 37.8#



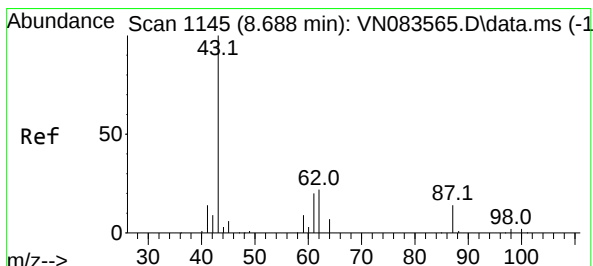
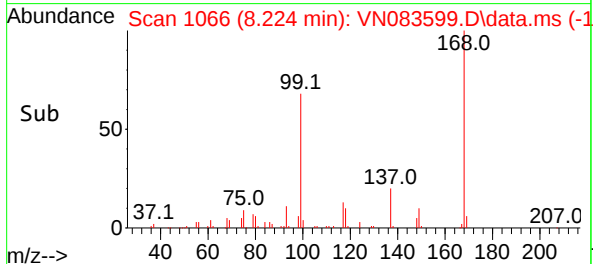
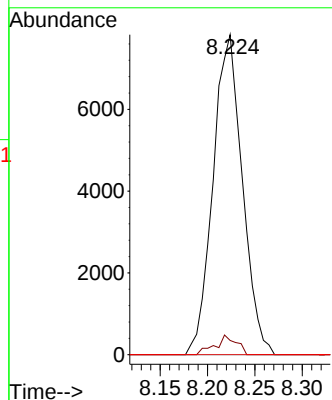


#38
Carbon Tetrachloride
Concen: 5.407 ug/l
RT: 8.224 min Scan# 1089
Delta R.T. -0.135 min
Lab File: VN083599.D
Acq: 31 Aug 2024 06:57

Instrument :
MSVOA_N
ClientSampleId :

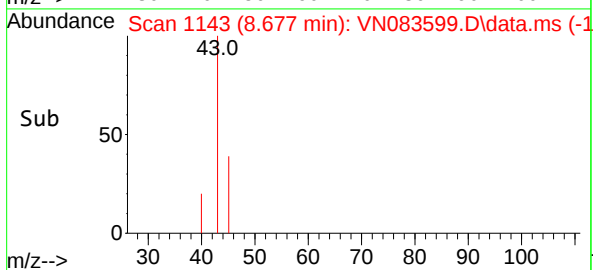
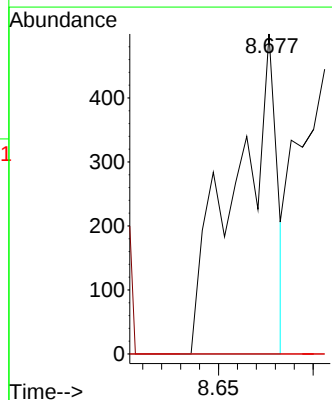
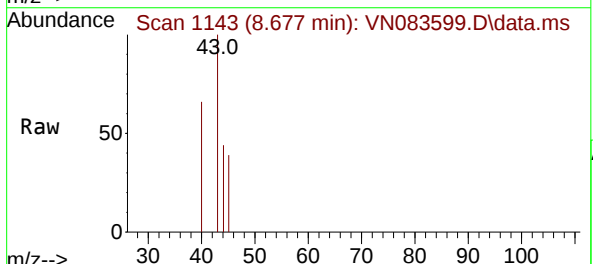


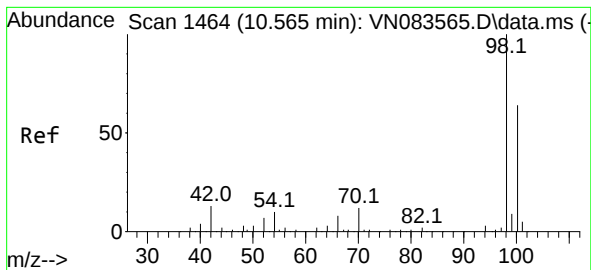
Tgt Ion:117 Resp: 16873
Ion Ratio Lower Upper
117 100
119 4.4 76.1 114.1#
121 0.0 24.1 36.1#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.677 min Scan# 1143
Delta R.T. -0.011 min
Lab File: VN083599.D
Acq: 31 Aug 2024 06:57

Tgt Ion: 43 Resp: 776
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#

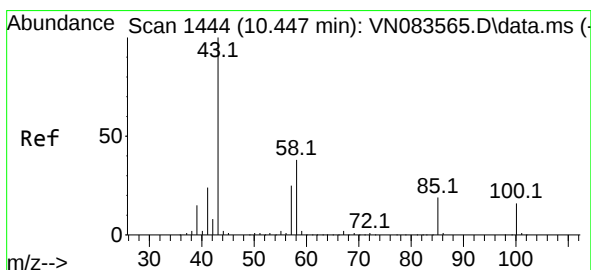
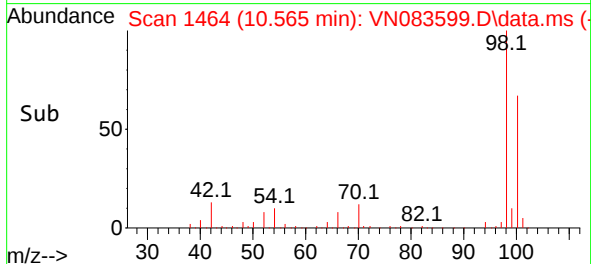
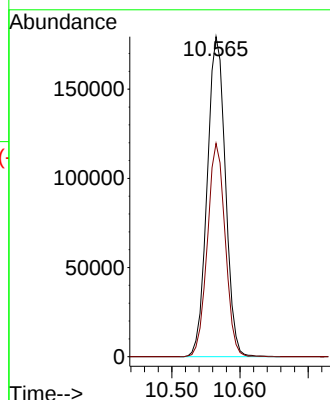
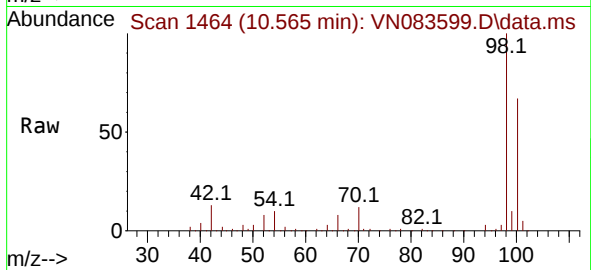




#50
Toluene-d8
Concen: 47.728 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083599.D
Acq: 31 Aug 2024 06:57

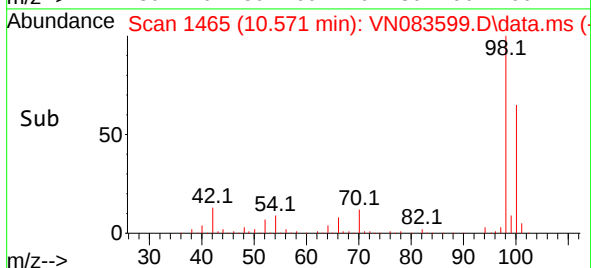
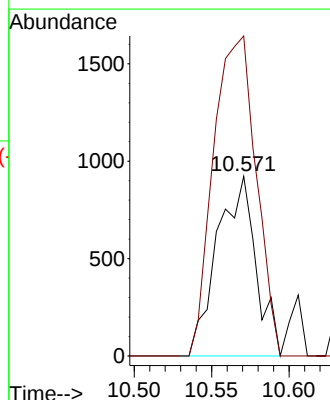
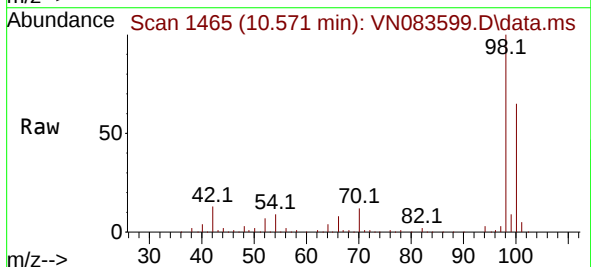
Instrument :
MSVOA_N
ClientSampleId :

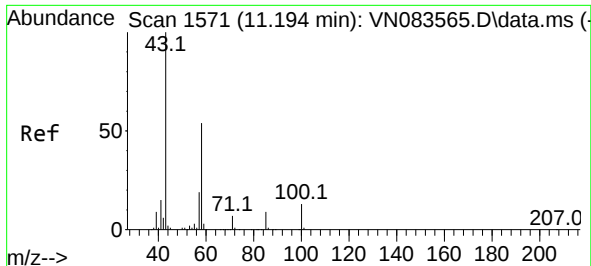
Tgt Ion: 98 Resp: 333288
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.632 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.124 min
Lab File: VN083599.D
Acq: 31 Aug 2024 06:57

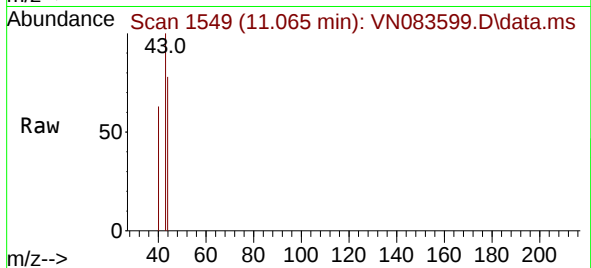
Tgt Ion: 43 Resp: 1600
Ion Ratio Lower Upper
43 100
58 196.4 31.6 47.4#



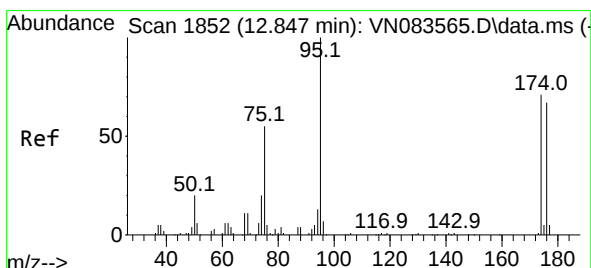
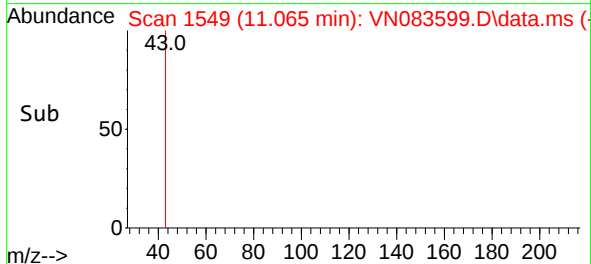
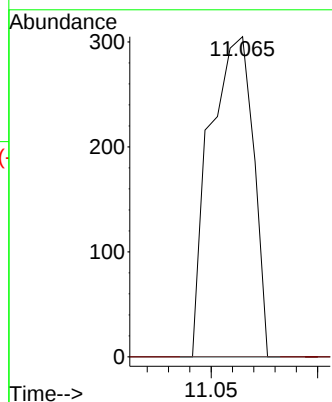


#59
2-Hexanone
Concen: 0.229 ug/l
RT: 11.065 min Scan# 1549
Delta R.T. -0.129 min
Lab File: VN083599.D
Acq: 31 Aug 2024 06:57

Instrument :
MSVOA_N
ClientSampleId :

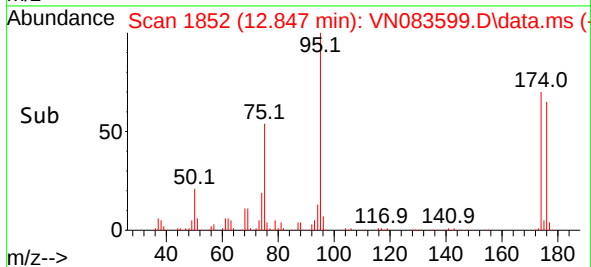
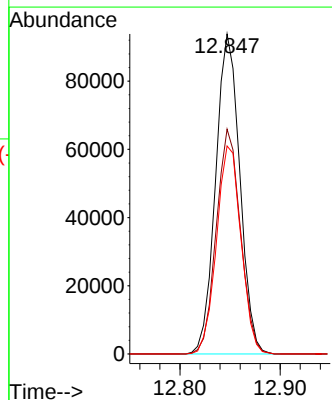
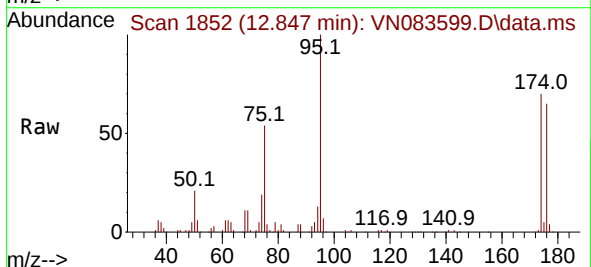


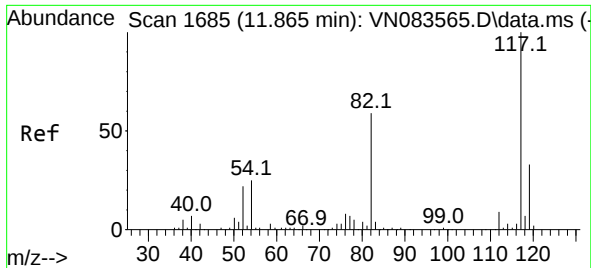
Tgt Ion: 43 Resp: 434
Ion Ratio Lower Upper
43 100
58 0.0 27.2 81.5#



#62
4-Bromofluorobenzene
Concen: 60.683 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083599.D
Acq: 31 Aug 2024 06:57

Tgt Ion: 95 Resp: 156974
Ion Ratio Lower Upper
95 100
174 70.2 0.0 139.8
176 65.9 0.0 131.4

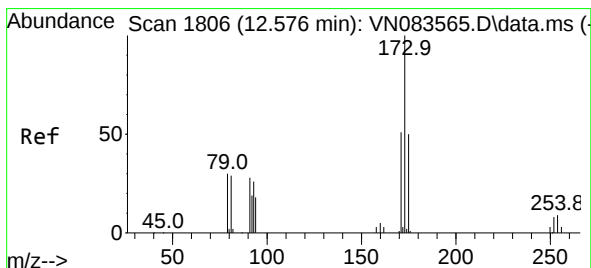
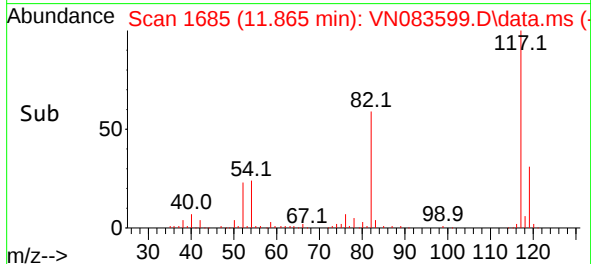
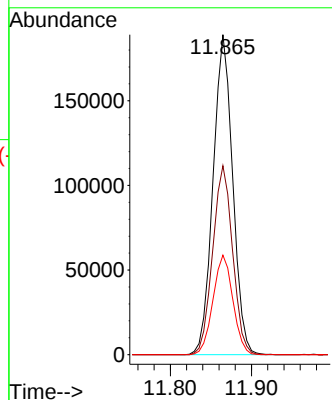
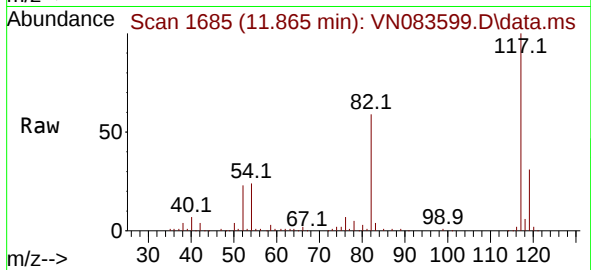




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083599.D
Acq: 31 Aug 2024 06:57

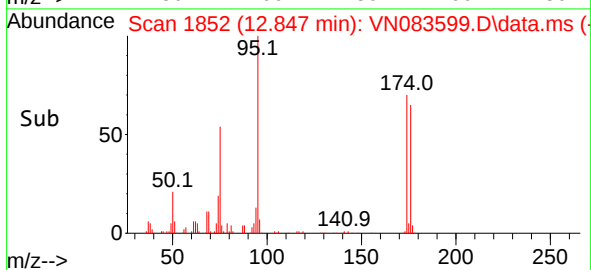
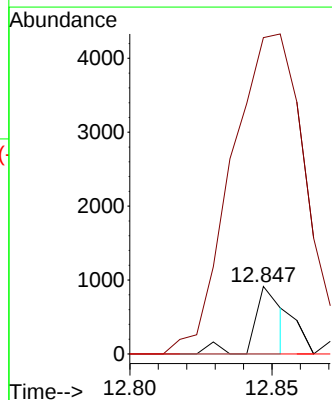
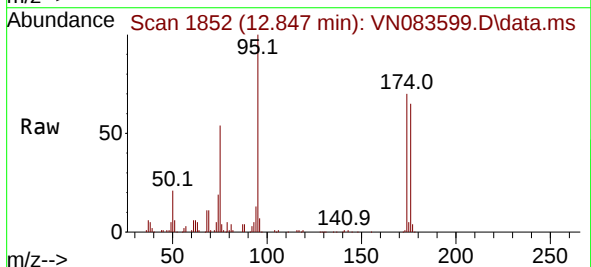
Instrument :
MSVOA_N
ClientSampleId :

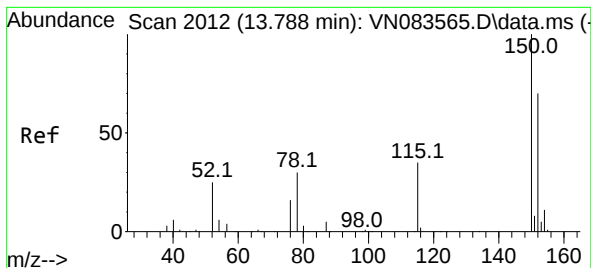
Tgt Ion:117 Resp: 317879
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.0
119 31.1 26.3 39.5



#71
Bromoform
Concen: 0.349 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN083599.D
Acq: 31 Aug 2024 06:57

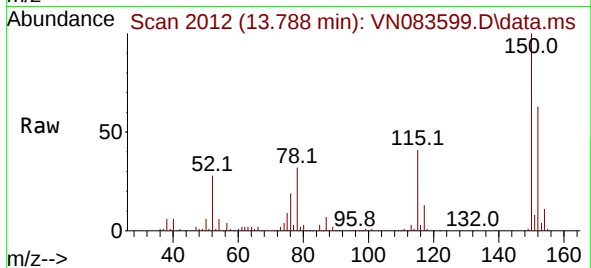
Tgt Ion:173 Resp: 599
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.2#
254 0.0 0.0 0.0



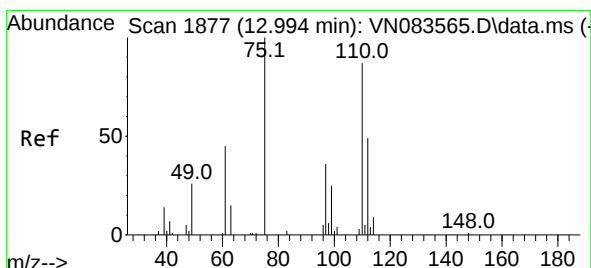
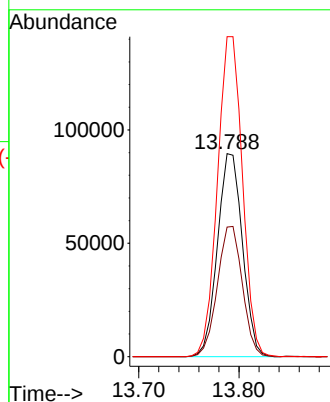
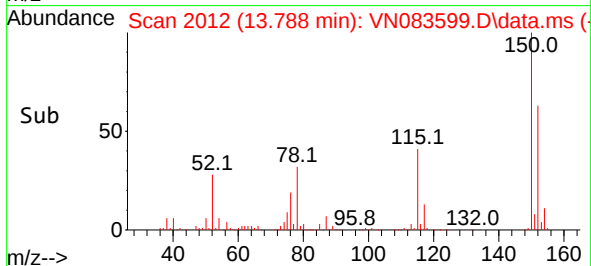


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN083599.D
Acq: 31 Aug 2024 06:57

Instrument :
MSVOA_N
ClientSampleId :

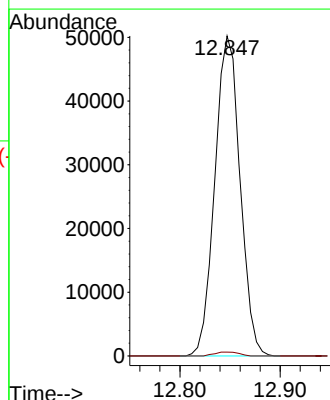
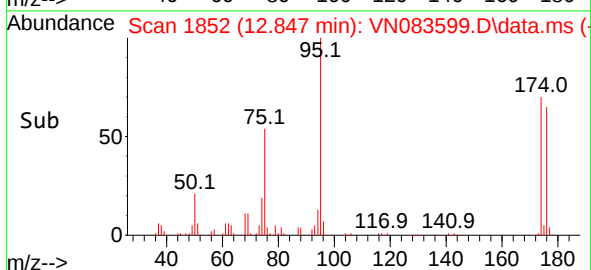
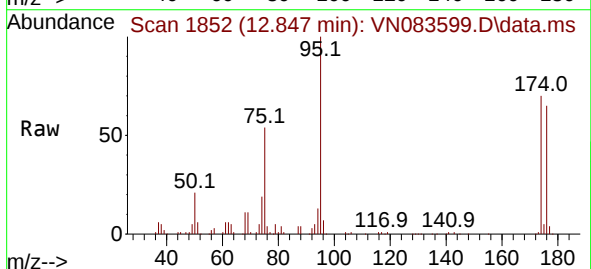


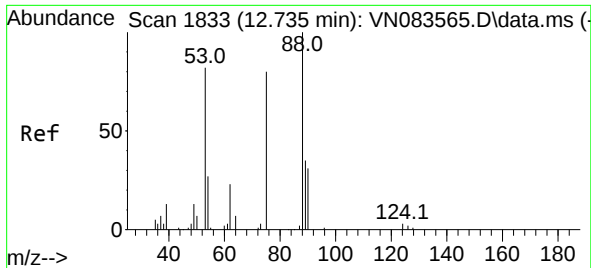
Tgt Ion:152 Resp: 154558
Ion Ratio Lower Upper
152 100
115 64.1 32.2 96.6
150 157.8 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 28.086 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083599.D
Acq: 31 Aug 2024 06:57

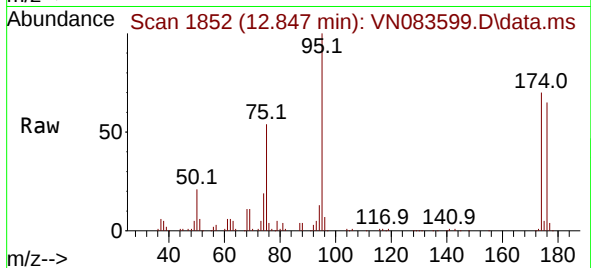
Tgt Ion: 75 Resp: 87641
Ion Ratio Lower Upper
75 100
77 1.2 95.2 285.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 66.242 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083599.D
Acq: 31 Aug 2024 06:57

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	75	Resp:	87641
Ion	Ratio	Lower	Upper
75	100		
53	0.0	81.2	121.8#
89	0.0	35.7	53.5#

