

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
 Data File : VN083581.D
 Acq On : 30 Aug 2024 17:33
 Operator : JC\MD
 Sample : P3720-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 31 02:42:29 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)

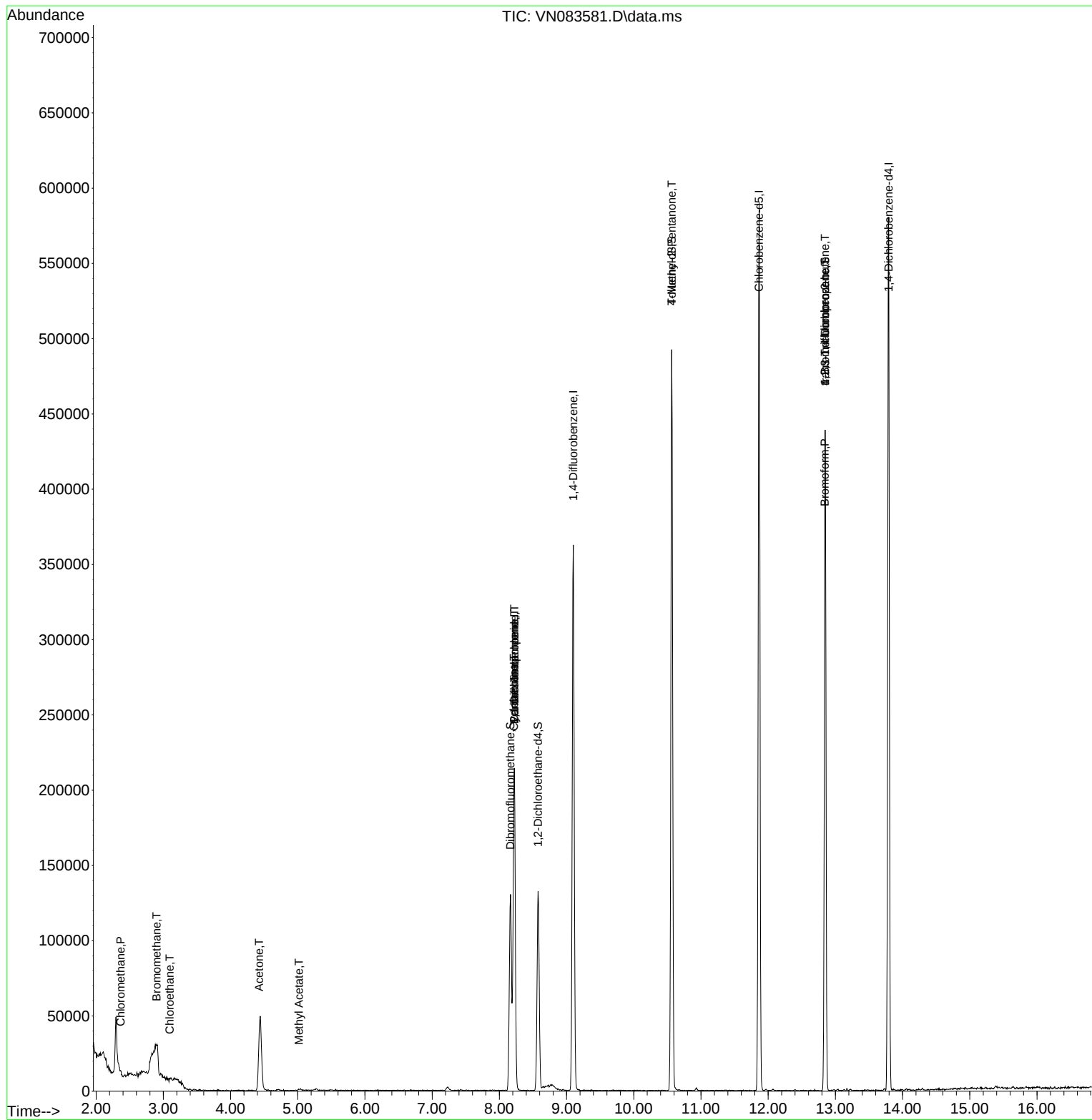
Internal Standards						
1) Pentafluorobenzene	8.224	168	147531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	301073	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	321390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	149818	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113053	54.830	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.660%			
35) Dibromofluoromethane	8.165	113	92333	50.954	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.900%			
50) Toluene-d8	10.565	98	330362	46.837	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.680%			
62) 4-Bromofluorobenzene	12.847	95	154897	59.255	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 118.500%			
Target Compounds						Qvalue
3) Chloromethane	2.365	50	1292	0.710	ug/l	98
5) Bromomethane	2.901	94	502	0.525	ug/l #	60
6) Chloroethane	3.095	64	1082	0.910	ug/l	93
16) Acetone	4.424	43	1674	2.036	ug/l #	45
18) Methyl Acetate	5.018	43	1056	0.483	ug/l #	68
31) Cyclohexane	8.218	56	3913	1.227	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	14025	5.074	ug/l #	49
38) Carbon Tetrachloride	8.224	117	16990	5.387	ug/l #	17
43) Isopropyl Acetate	8.700	43	383	Below Cal	#	57
51) 4-Methyl-2-Pentanone	10.565	43	1876	0.734	ug/l #	1
71) Bromoform	12.841	173	537	0.310	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	84393	27.900	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	84393	65.805	ug/l #	9

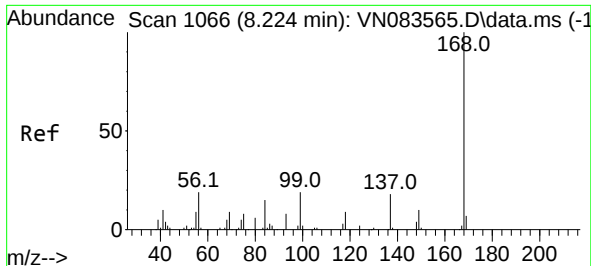
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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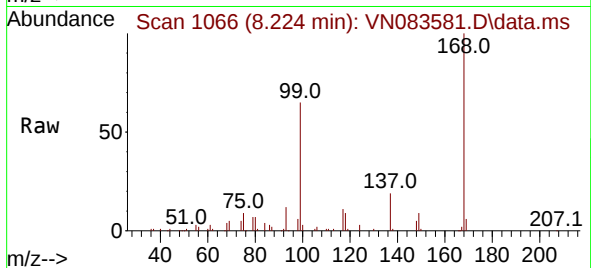
Quant Time: Aug 31 02:42:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 00:48:10 2024
Response via : Initial Calibration



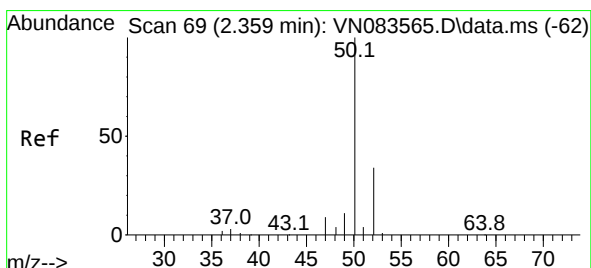
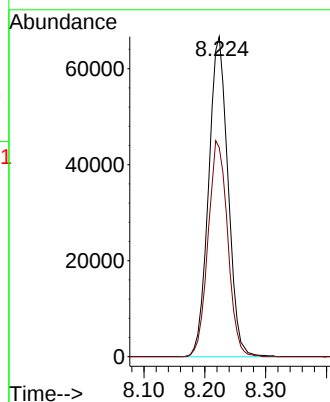
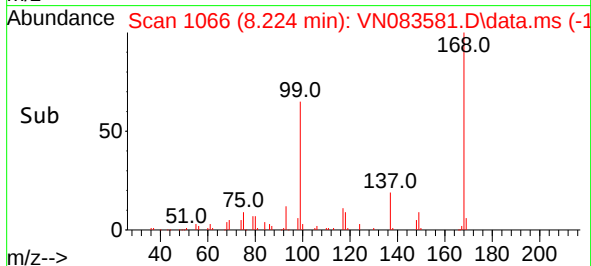


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN083581.D
Acq: 30 Aug 2024 17:33

Instrument :
MSVOA_N
ClientSampleId :

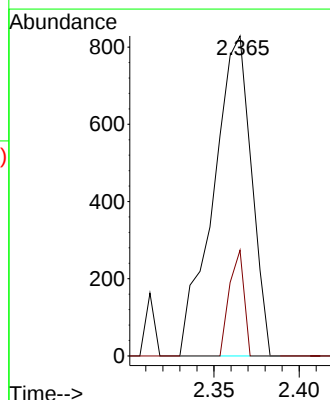
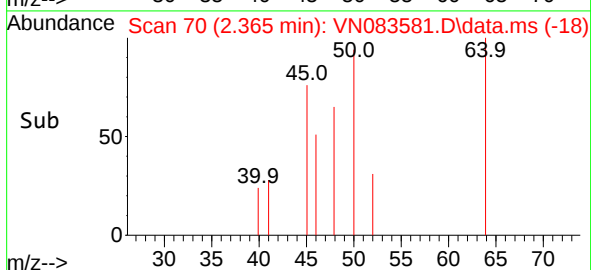
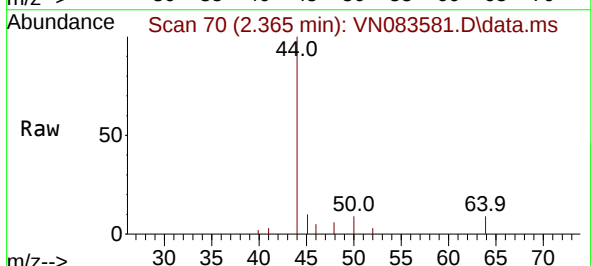


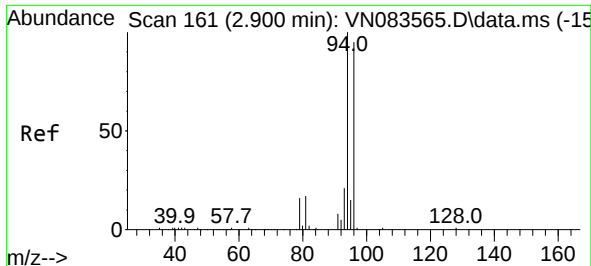
Tgt Ion:168 Resp: 147531
Ion Ratio Lower Upper
168 100
99 65.3 54.2 81.2



#3
Chloromethane
Concen: 0.710 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083581.D
Acq: 30 Aug 2024 17:33

Tgt Ion: 50 Resp: 1292
Ion Ratio Lower Upper
50 100
52 33.1 27.2 40.8

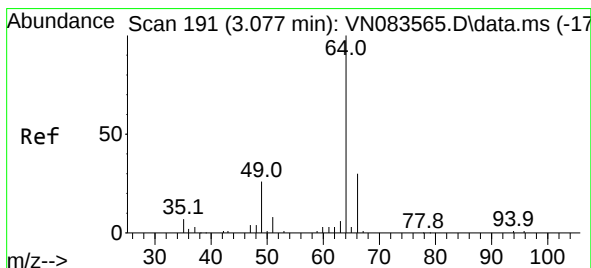
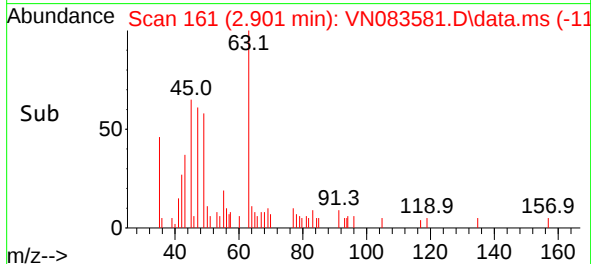
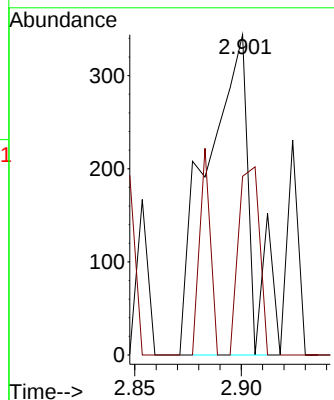
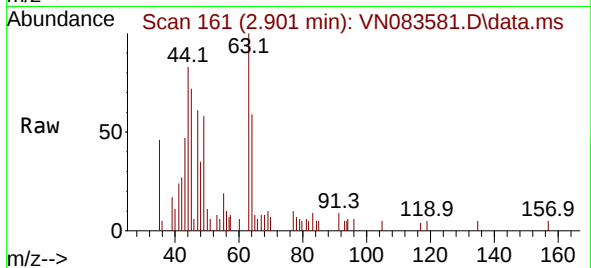




#5
Bromomethane
Concen: 0.525 ug/l
RT: 2.901 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083581.D
Acq: 30 Aug 2024 17:33

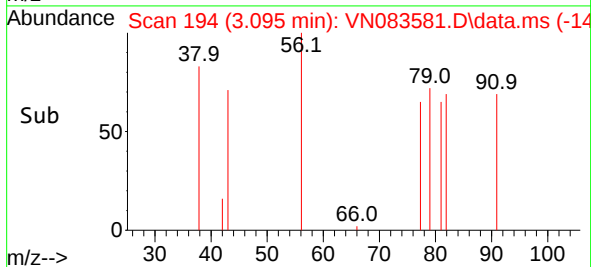
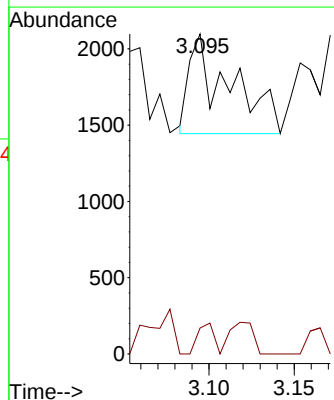
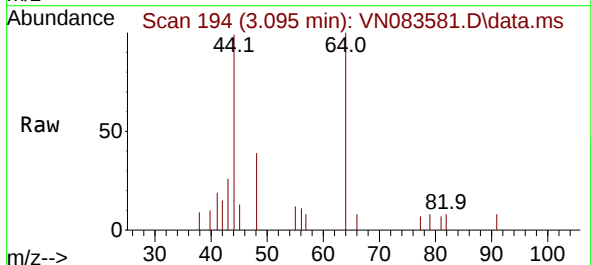
Instrument :
MSVOA_N
ClientSampleId :

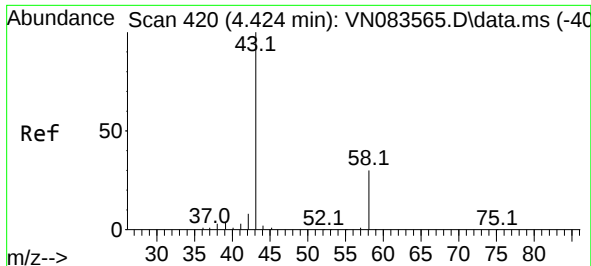
Tgt Ion: 94 Resp: 502
Ion Ratio Lower Upper
94 100
96 55.8 76.0 114.0#



#6
Chloroethane
Concen: 0.910 ug/l
RT: 3.095 min Scan# 194
Delta R.T. 0.018 min
Lab File: VN083581.D
Acq: 30 Aug 2024 17:33

Tgt Ion: 64 Resp: 1082
Ion Ratio Lower Upper
64 100
66 26.0 23.9 35.9

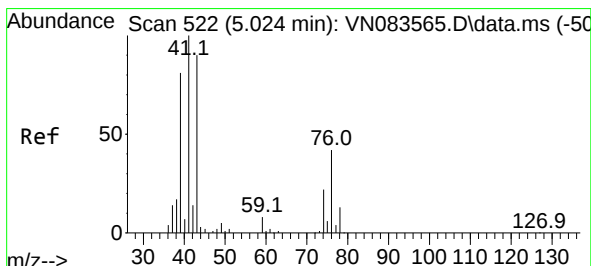
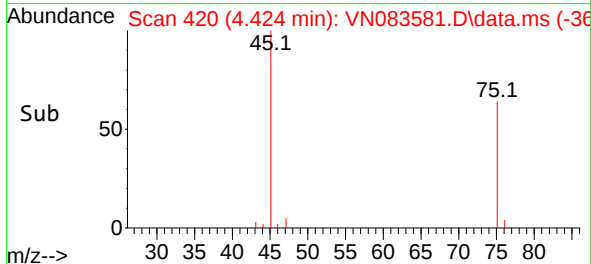
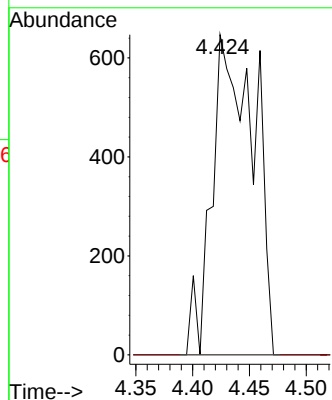
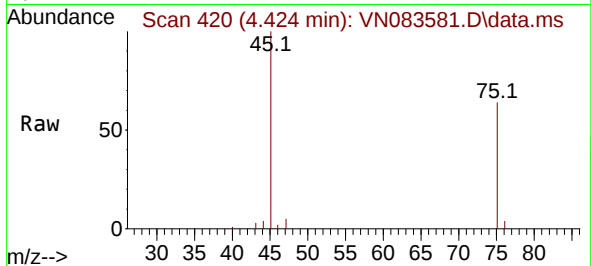




#16
Acetone
Concen: 2.036 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN083581.D
Acq: 30 Aug 2024 17:33

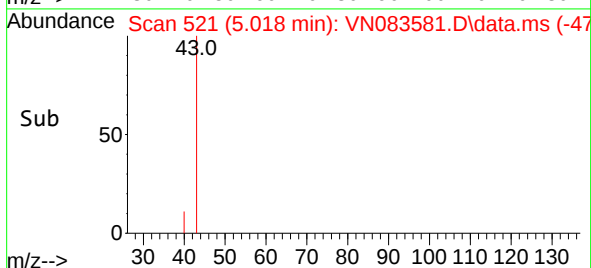
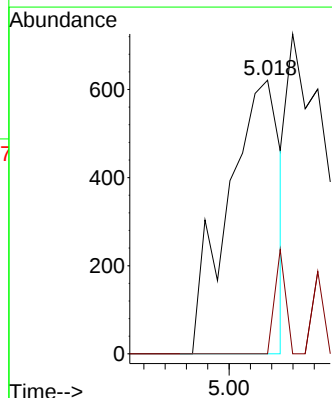
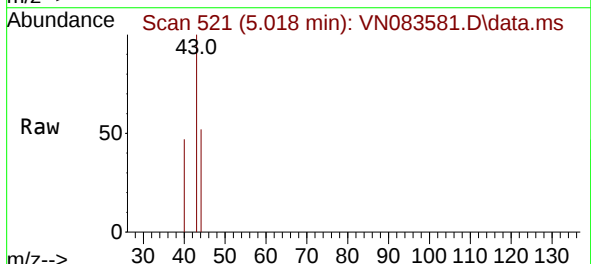
Instrument :
MSVOA_N
ClientSampleId :

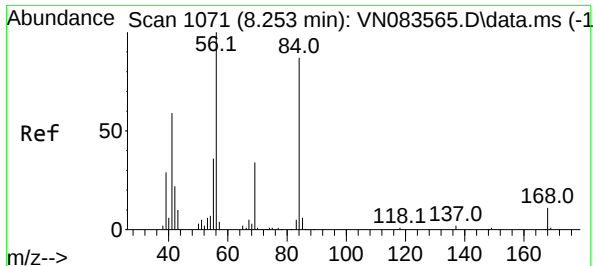
Tgt Ion: 43 Resp: 1674
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



#18
Methyl Acetate
Concen: 0.483 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN083581.D
Acq: 30 Aug 2024 17:33

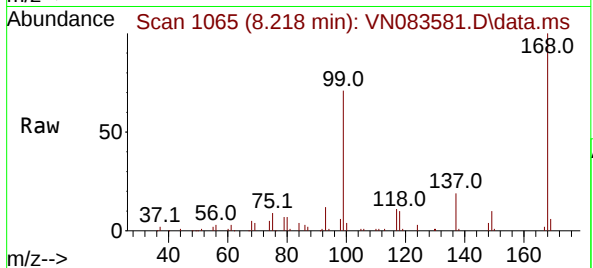
Tgt Ion: 43 Resp: 1056
Ion Ratio Lower Upper
43 100
74 8.0 19.0 28.4#



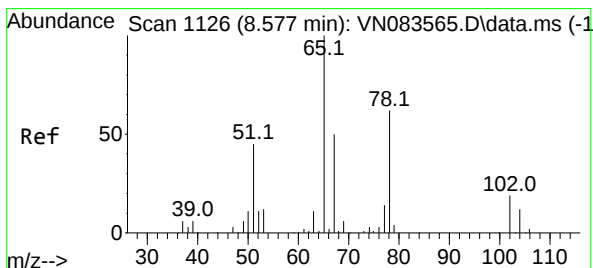
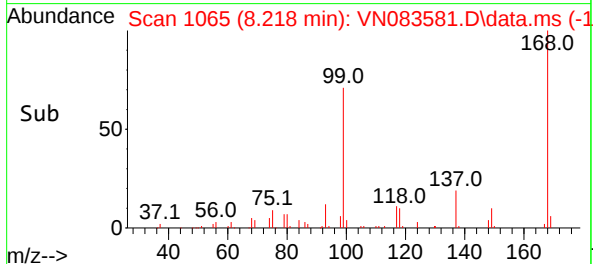
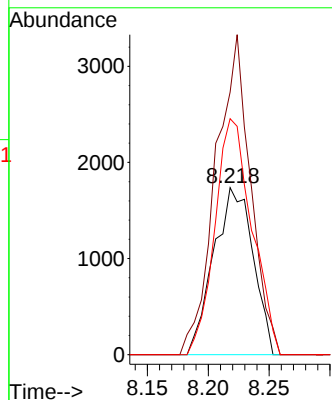


#31
Cyclohexane
Concen: 1.227 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN083581.D
Acq: 30 Aug 2024 17:33

Instrument :
MSVOA_N
ClientSampleId :

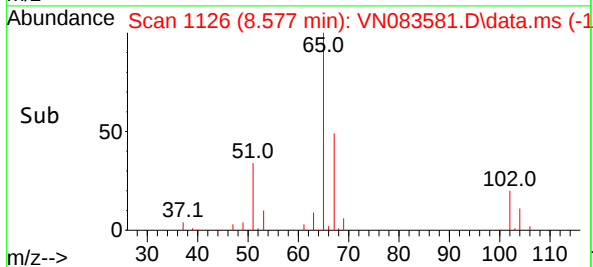
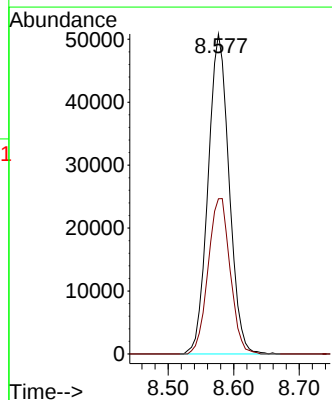
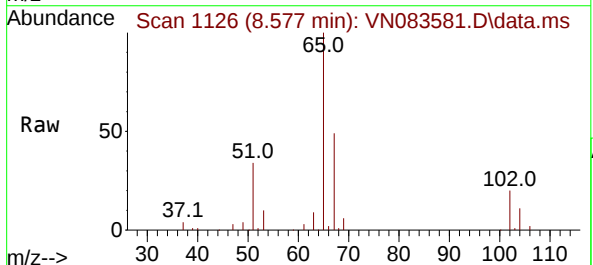


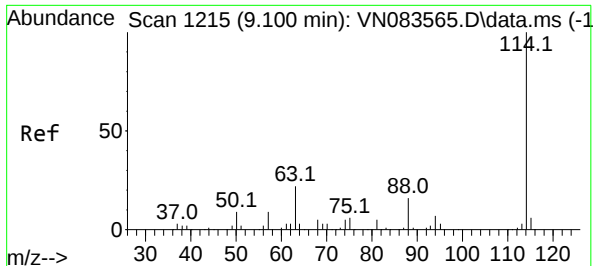
Tgt Ion: 56 Resp: 3913
Ion Ratio Lower Upper
56 100
69 157.1 26.9 40.3#
84 141.3 69.2 103.8#



#33
1,2-Dichloroethane-d4
Concen: 54.830 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083581.D
Acq: 30 Aug 2024 17:33

Tgt Ion: 65 Resp: 113053
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083581.D

Acq: 30 Aug 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

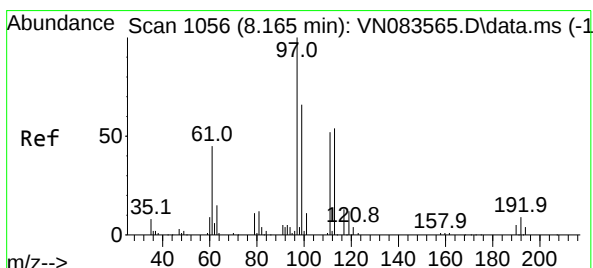
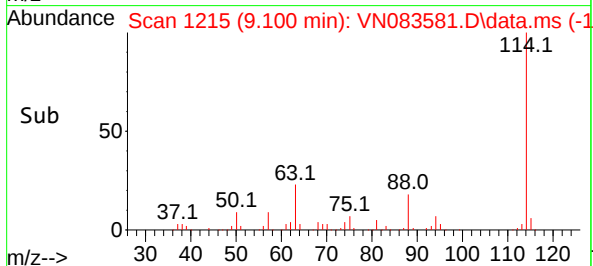
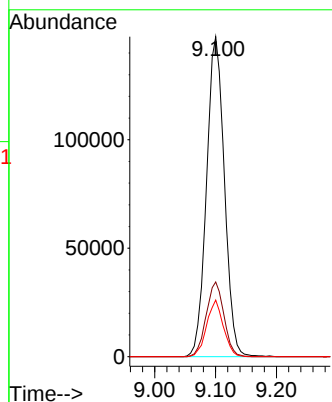
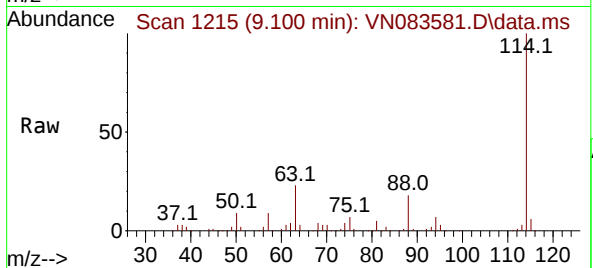
Tgt Ion:114 Resp: 301073

Ion Ratio Lower Upper

114 100

63 23.4 0.0 43.4

88 17.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.954 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083581.D

Acq: 30 Aug 2024 17:33

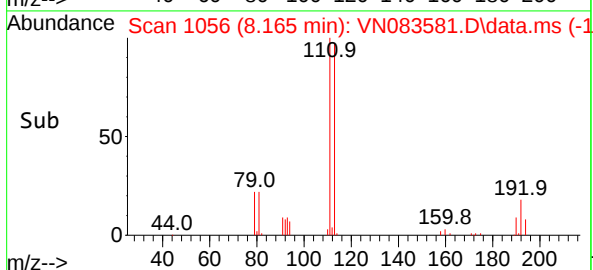
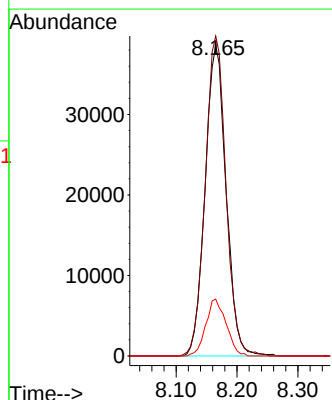
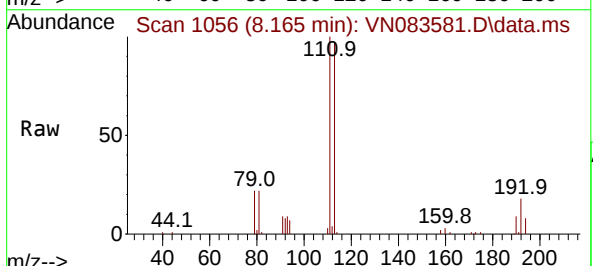
Tgt Ion:113 Resp: 92333

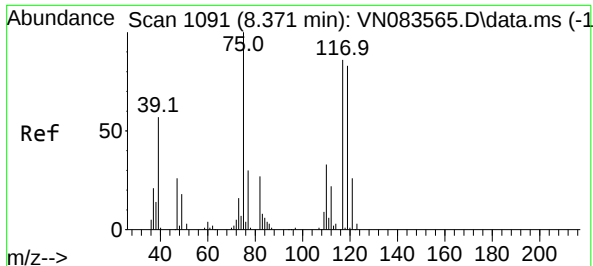
Ion Ratio Lower Upper

113 100

111 102.0 82.6 124.0

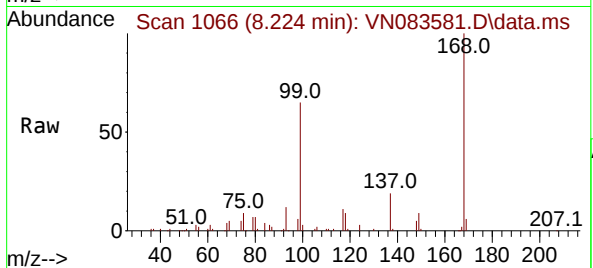
192 17.7 14.3 21.5



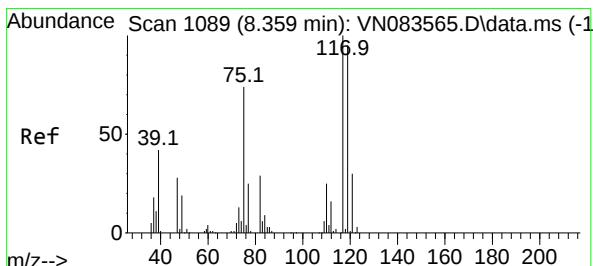
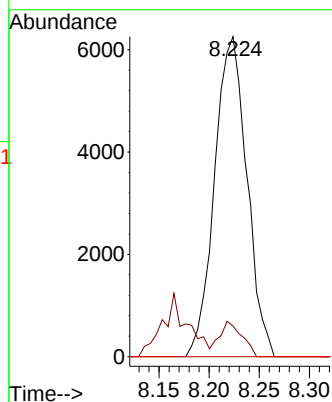
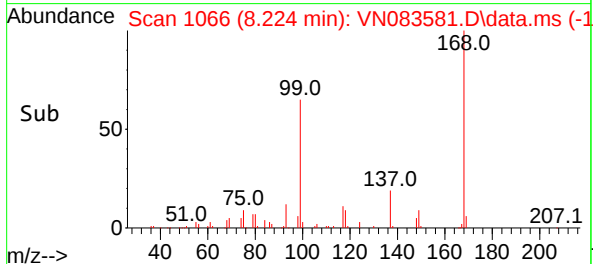


#36
1,1-Dichloropropene
Concen: 5.074 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083581.D
Acq: 30 Aug 2024 17:33

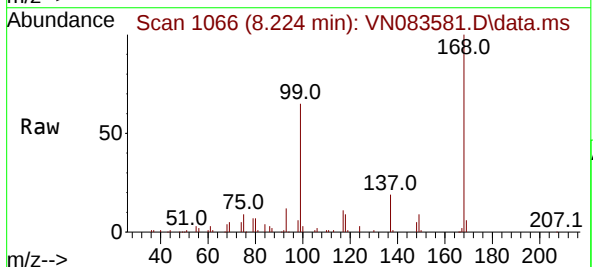
Instrument :
MSVOA_N
ClientSampleId :



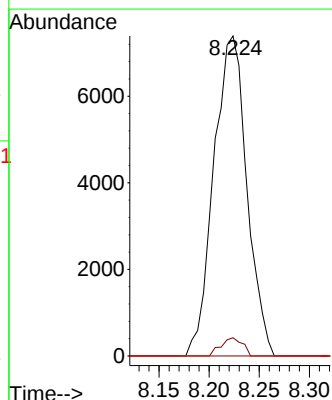
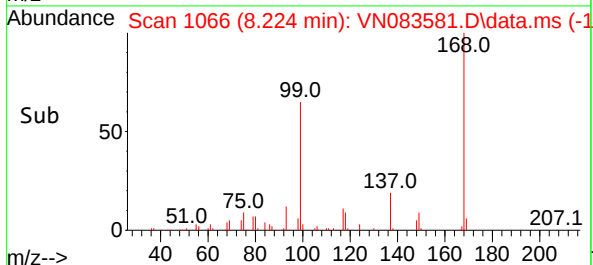
Tgt Ion: 75 Resp: 14025
Ion Ratio Lower Upper
75 100
110 7.7 16.7 50.1#
77 0.0 25.2 37.8#

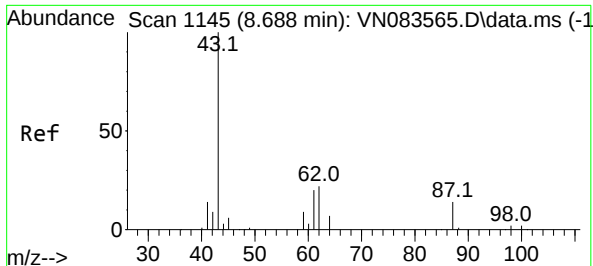


#38
Carbon Tetrachloride
Concen: 5.387 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN083581.D
Acq: 30 Aug 2024 17:33



Tgt Ion: 117 Resp: 16990
Ion Ratio Lower Upper
117 100
119 5.7 76.1 114.1#
121 0.0 24.1 36.1#





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.700 min Scan# 1147

Delta R.T. 0.012 min

Lab File: VN083581.D

Acq: 30 Aug 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

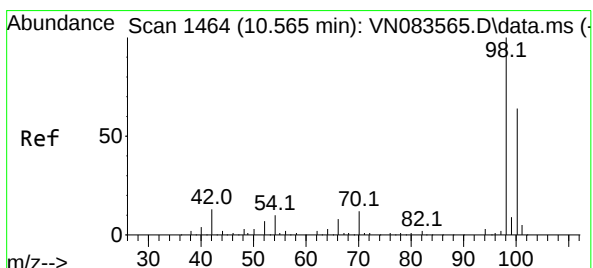
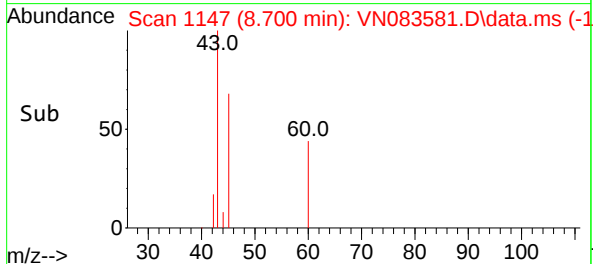
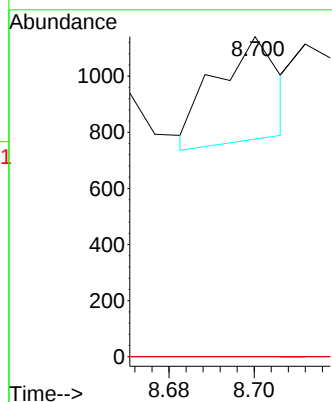
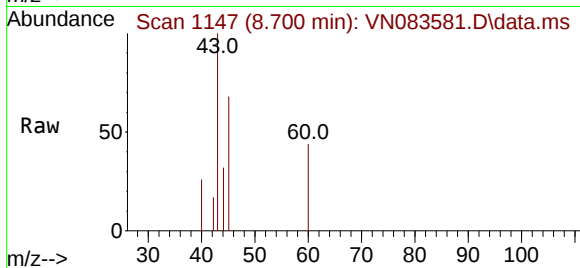
Tgt Ion: 43 Resp: 383

Ion Ratio Lower Upper

43 100

61 0.0 19.4 29.0#

87 0.0 9.8 14.6#



#50

Toluene-d8

Concen: 46.837 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083581.D

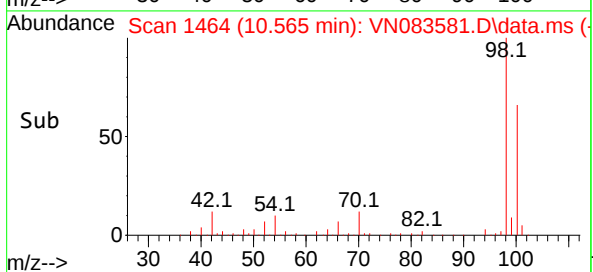
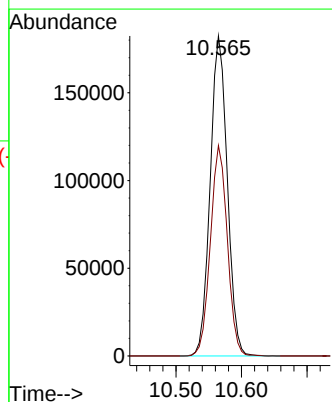
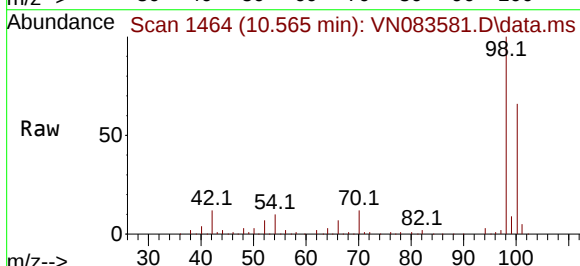
Acq: 30 Aug 2024 17:33

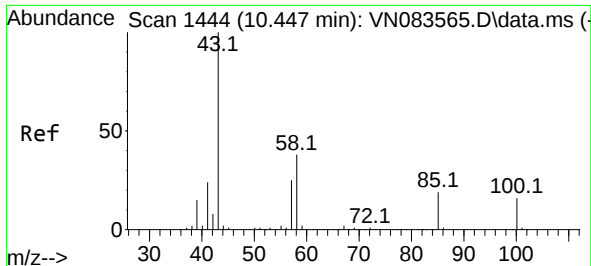
Tgt Ion: 98 Resp: 330362

Ion Ratio Lower Upper

98 100

100 65.2 52.0 78.0

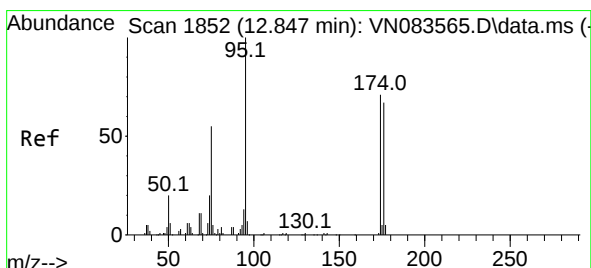
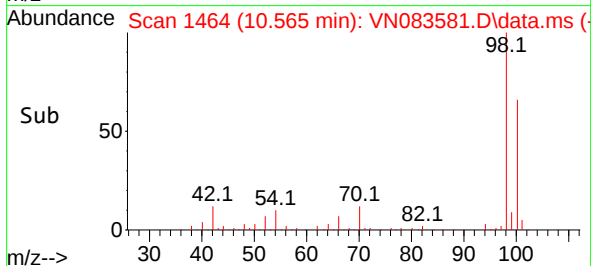
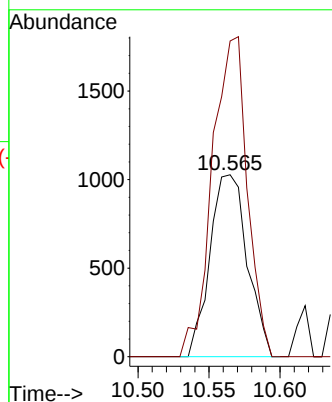
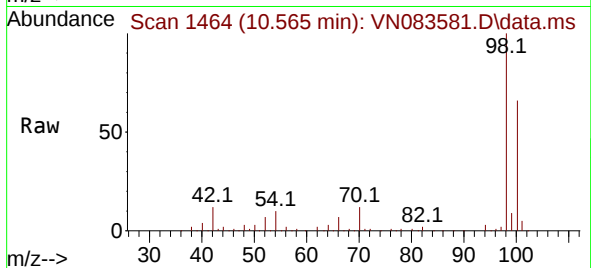




#51
4-Methyl-2-Pentanone
Concen: 0.734 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN083581.D
Acq: 30 Aug 2024 17:33

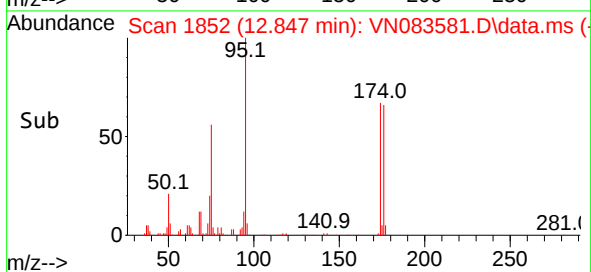
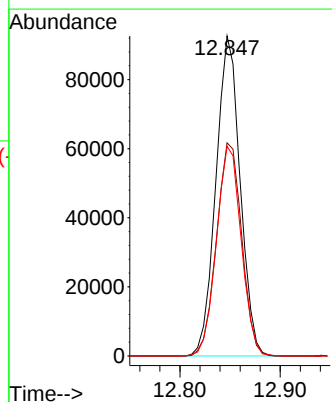
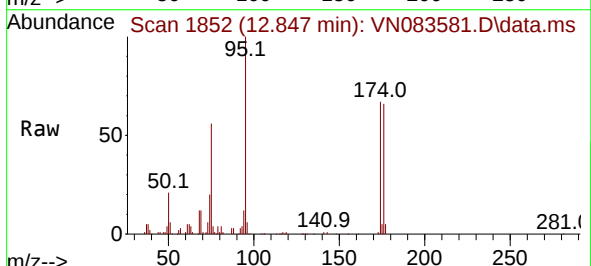
Instrument :
MSVOA_N
ClientSampleId :

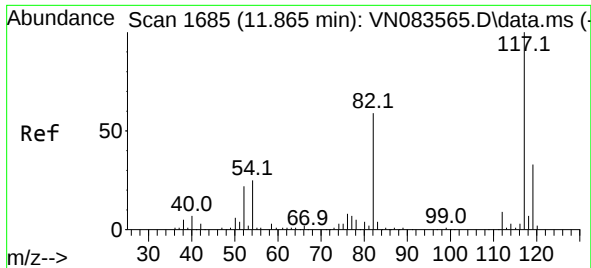
Tgt Ion: 43 Resp: 1876
Ion Ratio Lower Upper
43 100
58 164.9 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 59.255 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083581.D
Acq: 30 Aug 2024 17:33

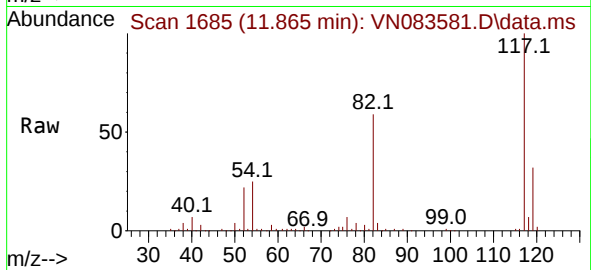
Tgt Ion: 95 Resp: 154897
Ion Ratio Lower Upper
95 100
174 69.3 0.0 139.8
176 67.0 0.0 131.4



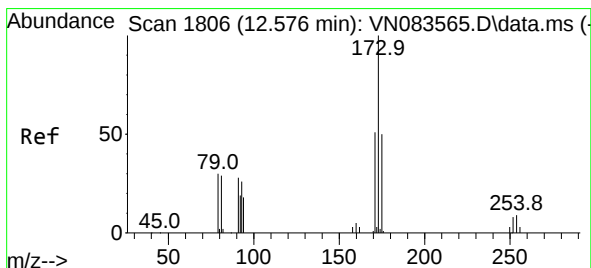
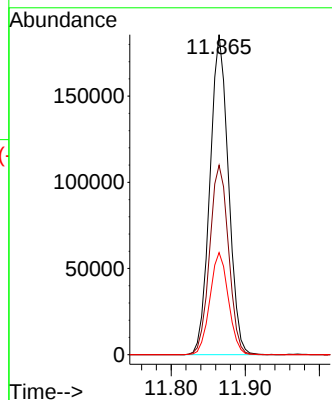
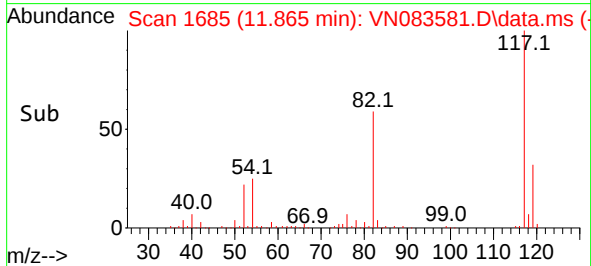


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083581.D
Acq: 30 Aug 2024 17:33

Instrument :
MSVOA_N
ClientSampleId :

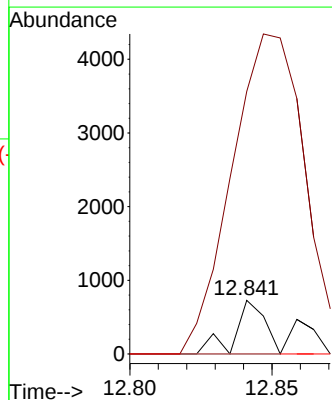
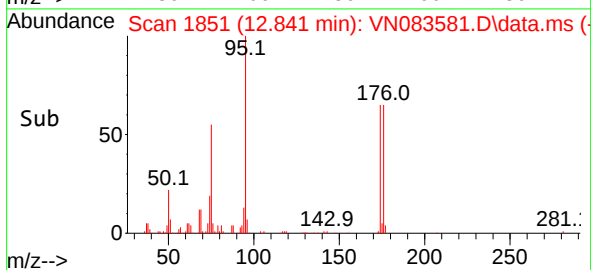
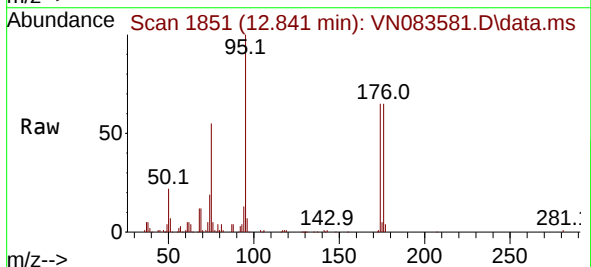


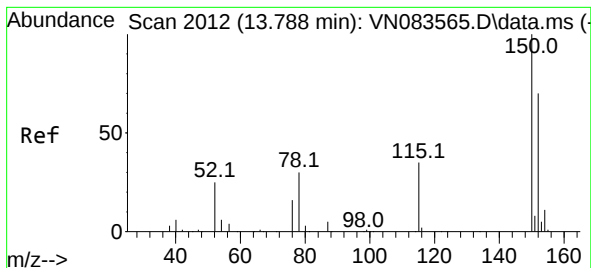
Tgt Ion:117 Resp: 321390
Ion Ratio Lower Upper
117 100
82 59.2 47.4 71.0
119 31.9 26.3 39.5



#71
Bromoform
Concen: 0.310 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN083581.D
Acq: 30 Aug 2024 17:33

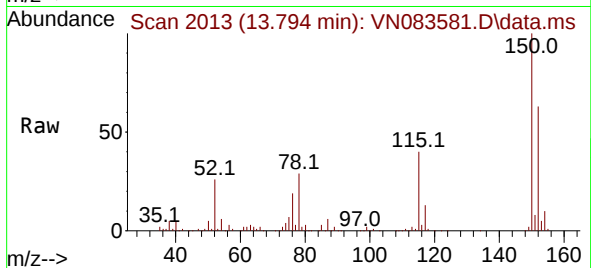
Tgt Ion:173 Resp: 537
Ion Ratio Lower Upper
173 100
175 1061.1 24.1 72.2#
254 0.0 0.0 0.0



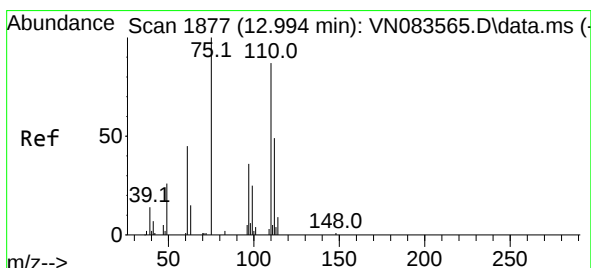
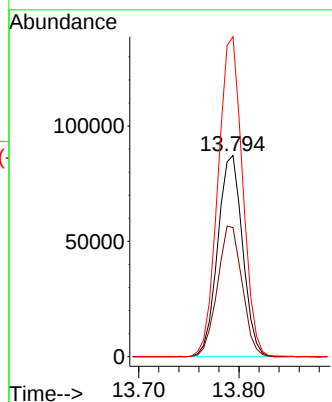
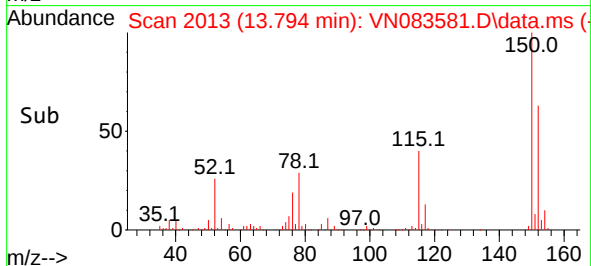


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN083581.D
Acq: 30 Aug 2024 17:33

Instrument :
MSVOA_N
ClientSampleId :

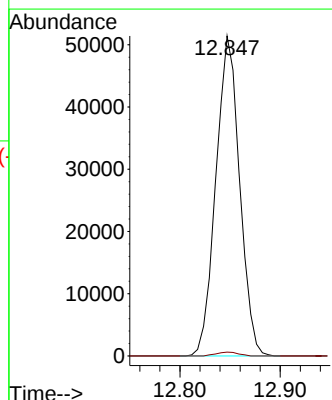
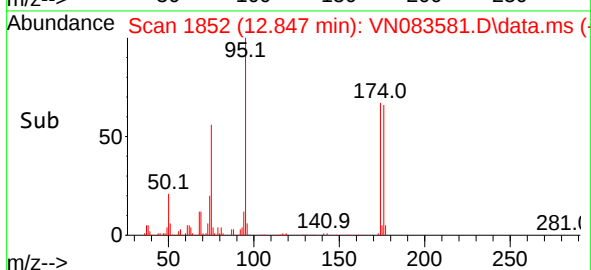
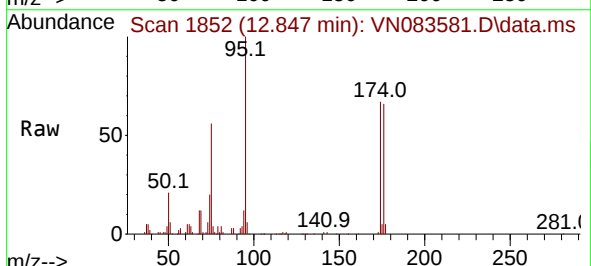


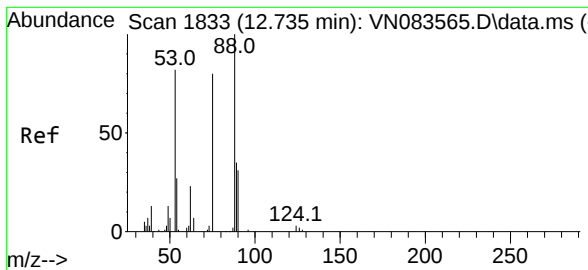
Tgt Ion:152 Resp: 149818
Ion Ratio Lower Upper
152 100
115 64.7 32.2 96.6
150 157.5 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 27.900 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083581.D
Acq: 30 Aug 2024 17:33

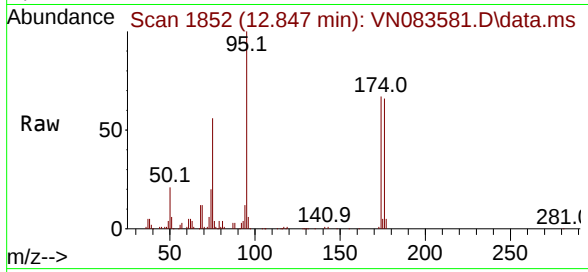
Tgt Ion: 75 Resp: 84393
Ion Ratio Lower Upper
75 100
77 1.1 95.2 285.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 65.805 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083581.D
Acq: 30 Aug 2024 17:33

Instrument :
MSVOA_N
ClientSampleId :



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

