

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
 Data File : VN083610.D
 Acq On : 31 Aug 2024 11:21
 Operator : JC\MD
 Sample : P3777-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 02 01:04:35 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)

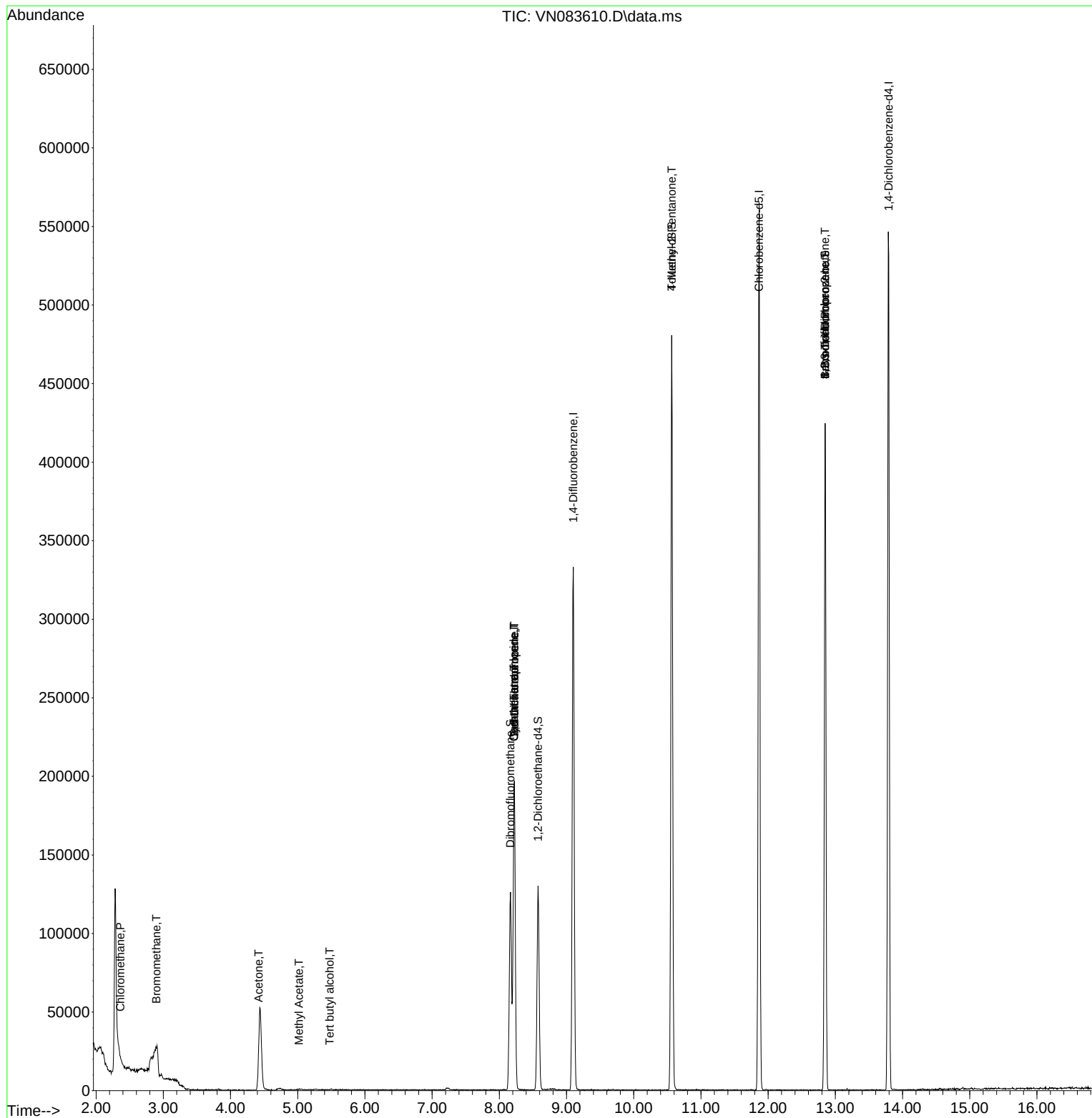
Internal Standards						
1) Pentafluorobenzene	8.224	168	135031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	279104	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	304667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	141826	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	109354	57.945	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 115.900%	
35) Dibromofluoromethane	8.165	113	88953	52.952	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.900%	
50) Toluene-d8	10.565	98	319988	48.886	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.780%	
62) 4-Bromofluorobenzene	12.847	95	146191	60.326	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 120.660%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.360	50	1400	0.841	ug/l #	41
5) Bromomethane	2.895	94	186	0.212	ug/l #	79
11) Tert butyl alcohol	5.477	59	63	0.214	ug/l #	71
16) Acetone	4.418	43	667	0.886	ug/l #	45
18) Methyl Acetate	5.018	43	427	0.213	ug/l #	81
31) Cyclohexane	8.218	56	3626	1.242	ug/l #	21
36) 1,1-Dichloropropene	8.224	75	12207	4.764	ug/l #	48
38) Carbon Tetrachloride	8.218	117	15034	5.142	ug/l #	18
43) Isopropyl Acetate	8.688	43	130	Below Cal	#	57
51) 4-Methyl-2-Pentanone	10.565	43	1576	0.665	ug/l #	1
71) Bromoform	12.847	173	750	0.456	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	82012	28.641	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	82012	67.552	ug/l #	9

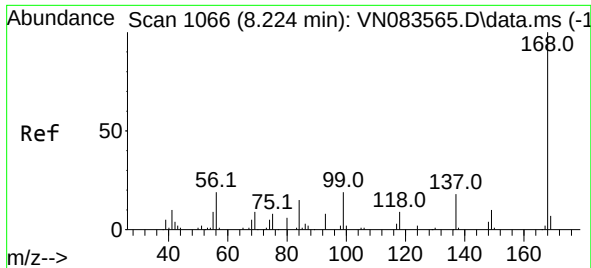
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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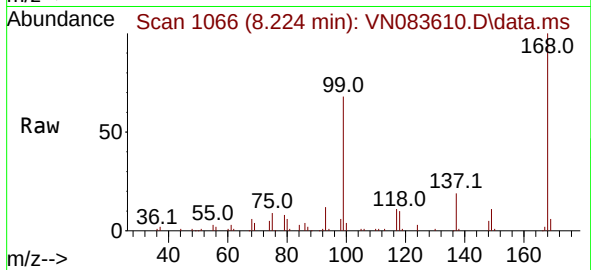
Quant Time: Sep 02 01:04:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 00:48:10 2024
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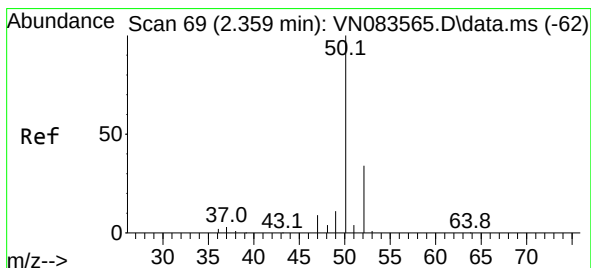
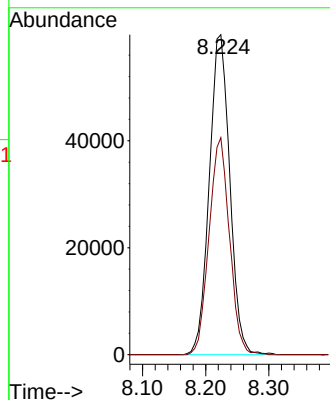
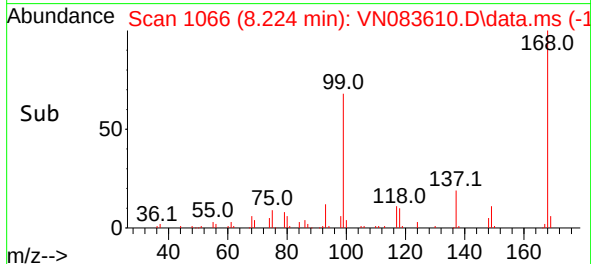


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083610.D
Acq: 31 Aug 2024 11:21

Instrument :
MSVOA_N
ClientSampleId :

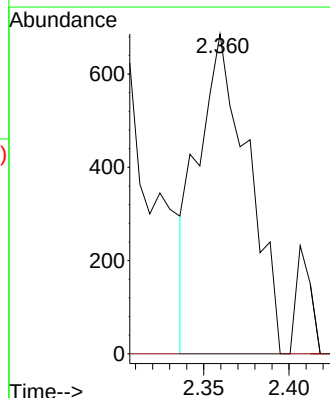
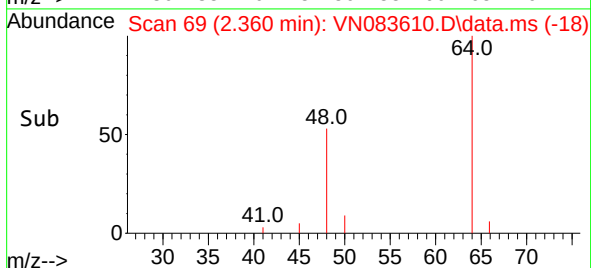
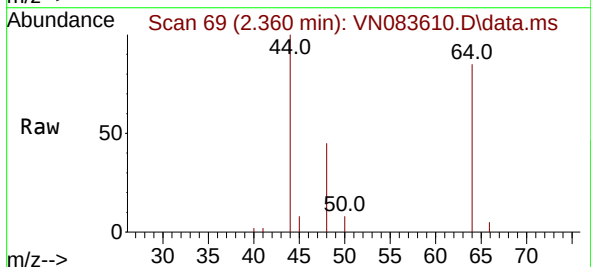


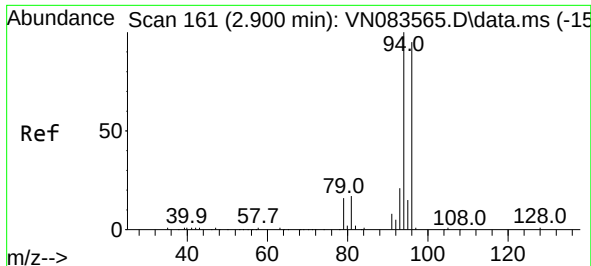
Tgt Ion:168 Resp: 135031
Ion Ratio Lower Upper
168 100
99 67.8 54.2 81.2



#3
Chloromethane
Concen: 0.841 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083610.D
Acq: 31 Aug 2024 11:21

Tgt Ion: 50 Resp: 1400
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

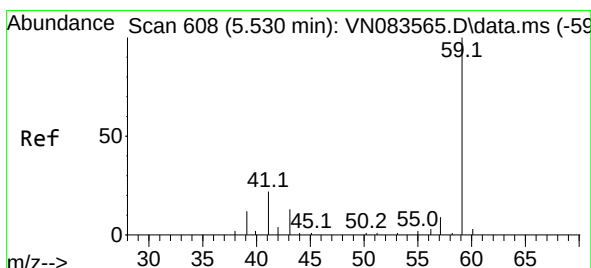
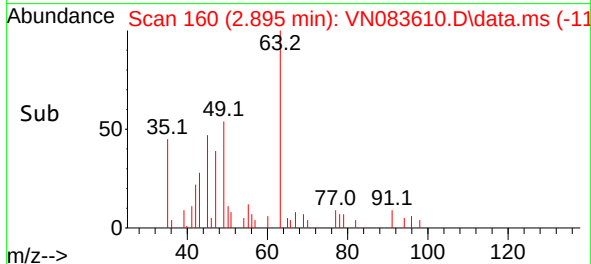
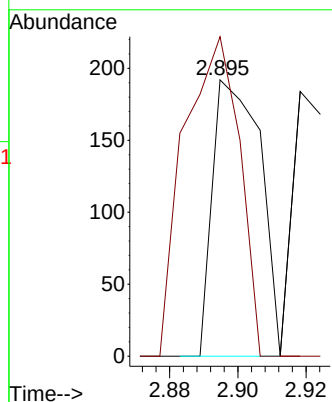
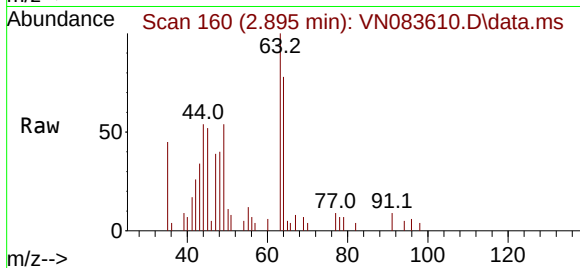




#5
Bromomethane
Concen: 0.212 ug/l
RT: 2.895 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083610.D
Acq: 31 Aug 2024 11:21

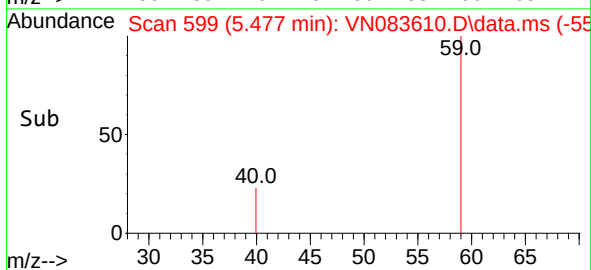
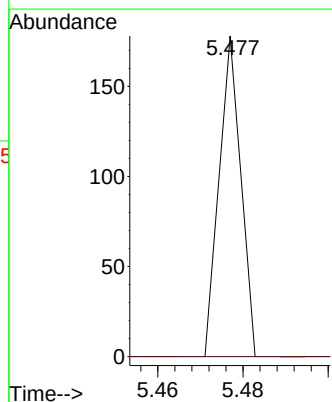
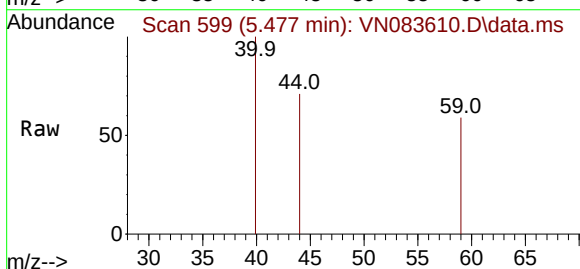
Instrument :
MSVOA_N
ClientSampleId :

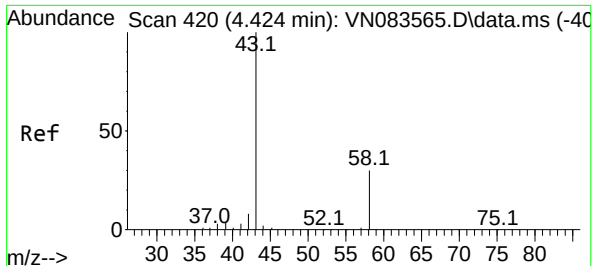
Tgt Ion: 94 Resp: 186
Ion Ratio Lower Upper
94 100
96 115.6 76.0 114.0#



#11
Tert butyl alcohol
Concen: 0.214 ug/l
RT: 5.477 min Scan# 599
Delta R.T. -0.053 min
Lab File: VN083610.D
Acq: 31 Aug 2024 11:21

Tgt Ion: 59 Resp: 63
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

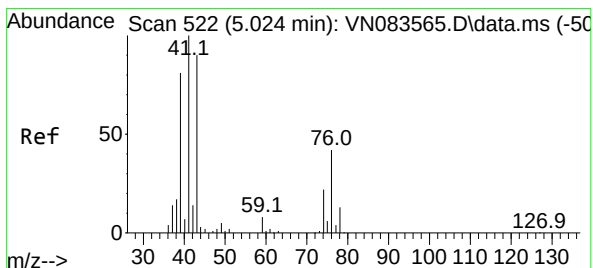
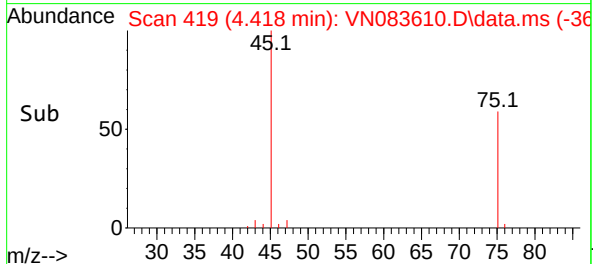
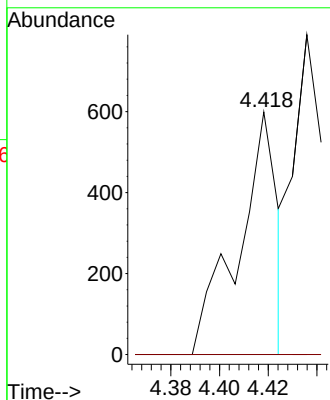
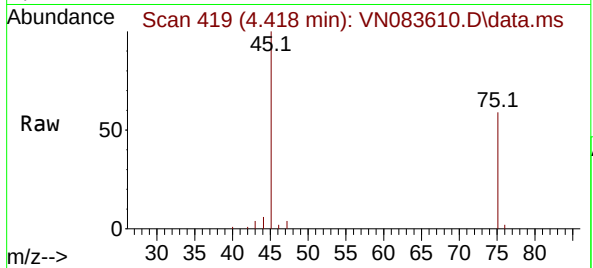




#16
Acetone
Concen: 0.886 ug/l
RT: 4.418 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN083610.D
Acq: 31 Aug 2024 11:21

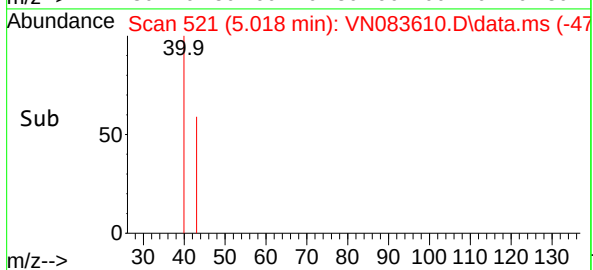
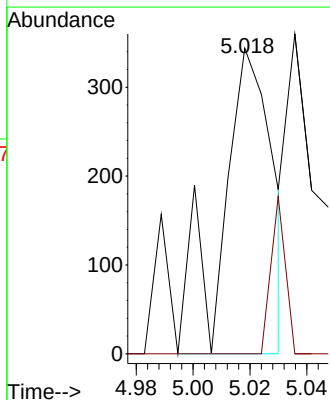
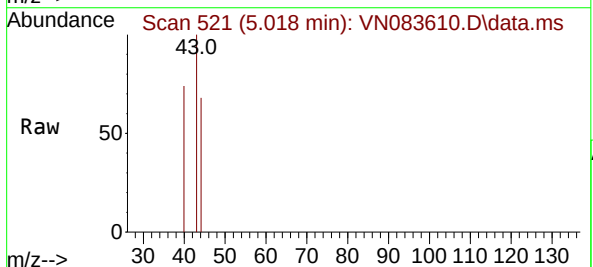
Instrument :
MSVOA_N
ClientSampleId :

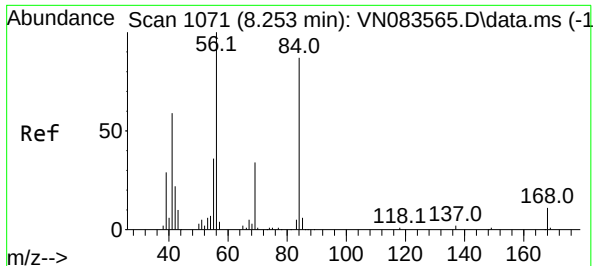
Tgt Ion: 43 Resp: 667
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



#18
Methyl Acetate
Concen: 0.213 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN083610.D
Acq: 31 Aug 2024 11:21

Tgt Ion: 43 Resp: 427
Ion Ratio Lower Upper
43 100
74 14.5 19.0 28.4#





#31

Cyclohexane

Concen: 1.242 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.035 min

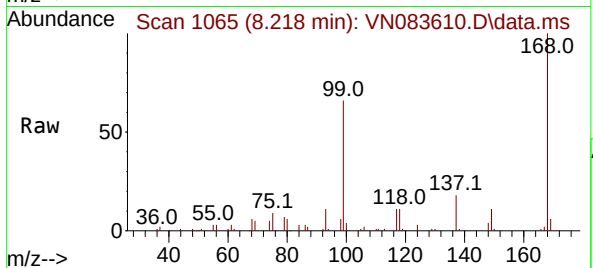
Lab File: VN083610.D

Acq: 31 Aug 2024 11:21

Instrument :

MSVOA_N

ClientSampleId :



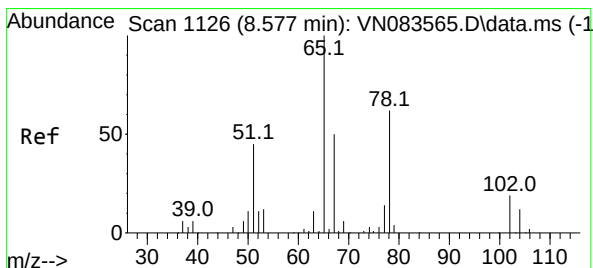
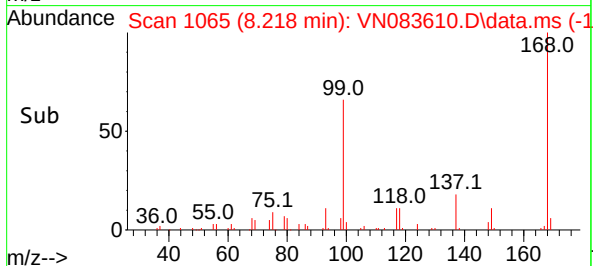
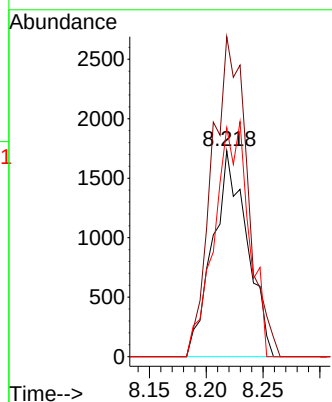
Tgt Ion: 56 Resp: 3626

Ion Ratio Lower Upper

56 100

69 155.4 26.9 40.3#

84 111.2 69.2 103.8#



#33

1,2-Dichloroethane-d4

Concen: 57.945 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083610.D

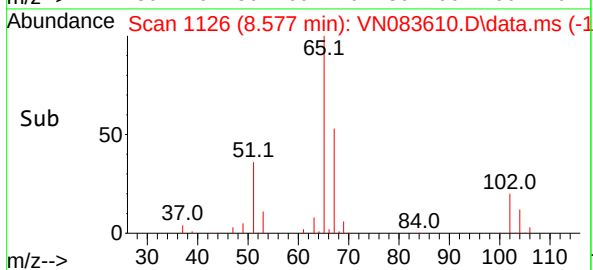
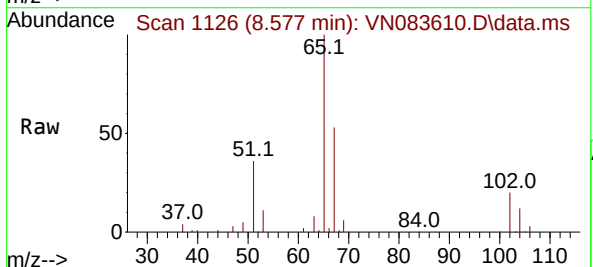
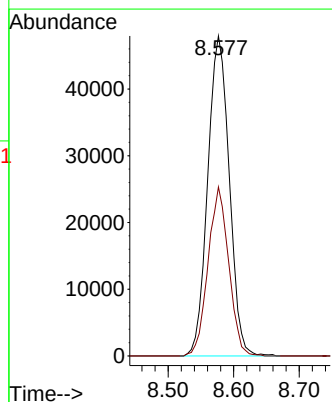
Acq: 31 Aug 2024 11:21

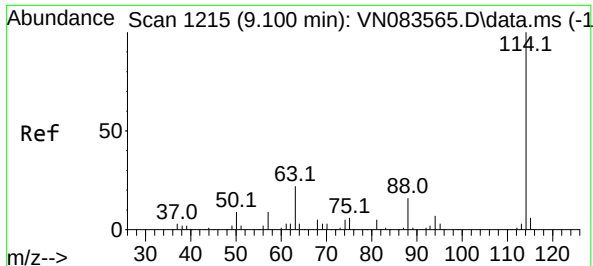
Tgt Ion: 65 Resp: 109354

Ion Ratio Lower Upper

65 100

67 50.7 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: VN083610.D

Acq: 31 Aug 2024 11:21

Instrument :

MSVOA_N

ClientSampleId :

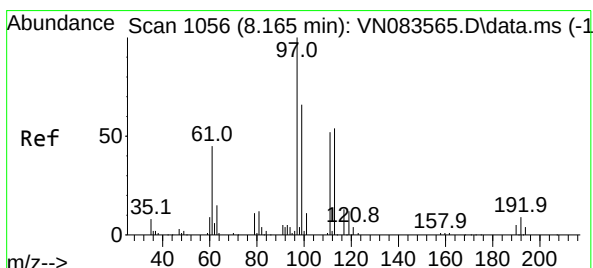
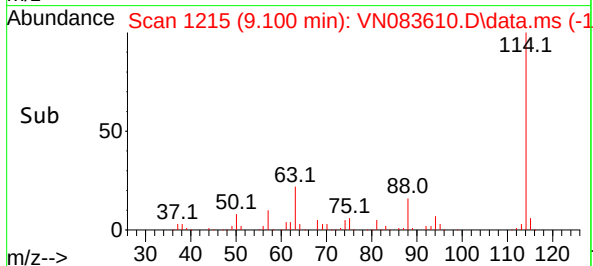
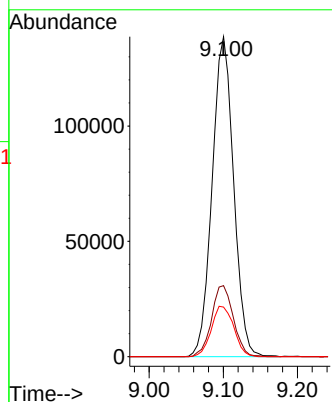
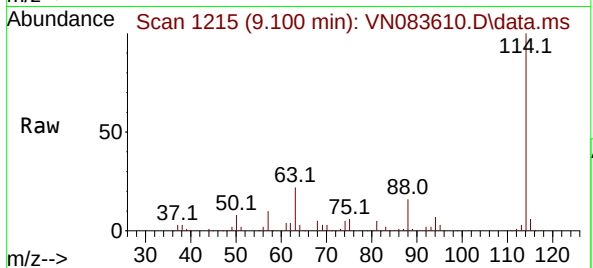
Tgt Ion:114 Resp: 279104

Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.4

88 15.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 52.952 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083610.D

Acq: 31 Aug 2024 11:21

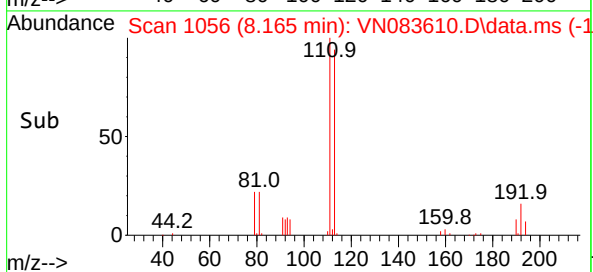
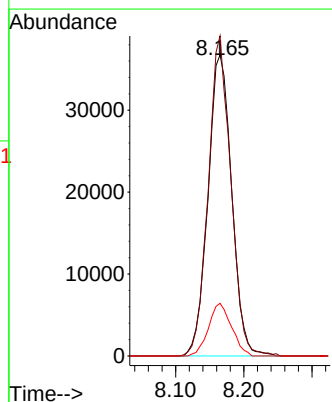
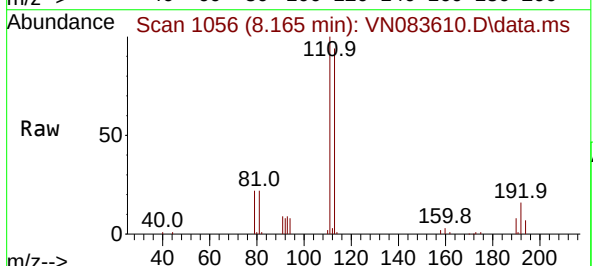
Tgt Ion:113 Resp: 88953

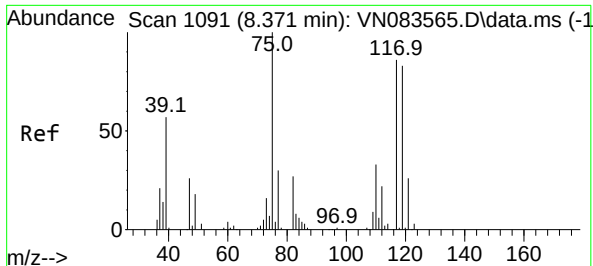
Ion Ratio Lower Upper

113 100

111 101.2 82.6 124.0

192 17.0 14.3 21.5





#36

1,1-Dichloropropene

Concen: 4.764 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083610.D

Acq: 31 Aug 2024 11:21

Instrument :

MSVOA_N

ClientSampleId :

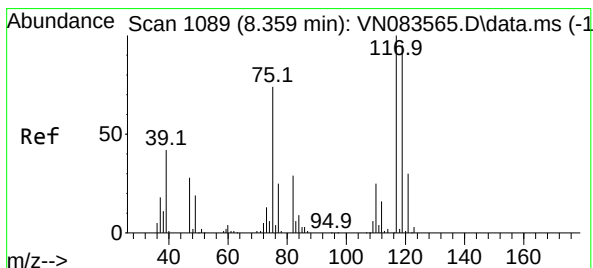
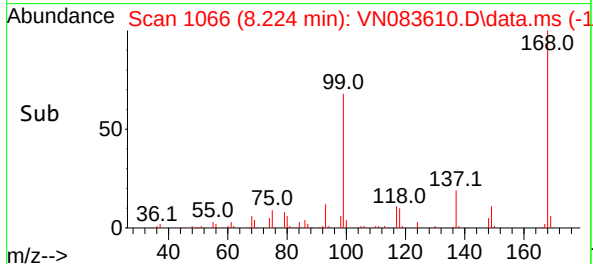
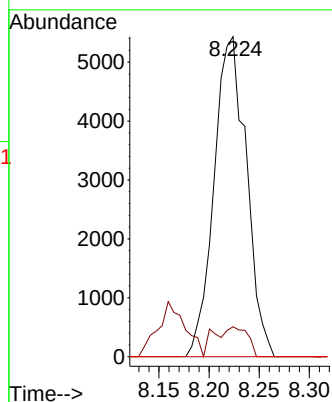
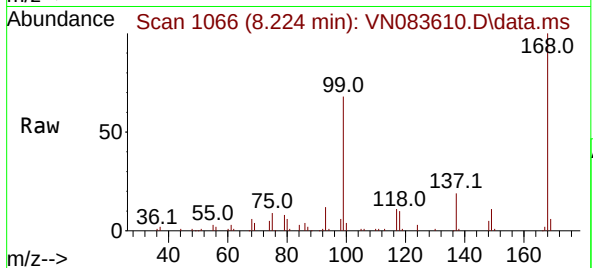
Tgt Ion: 75 Resp: 12207

Ion Ratio Lower Upper

75 100

110 6.3 16.7 50.1#

77 0.0 25.2 37.8#



#38

Carbon Tetrachloride

Concen: 5.142 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN083610.D

Acq: 31 Aug 2024 11:21

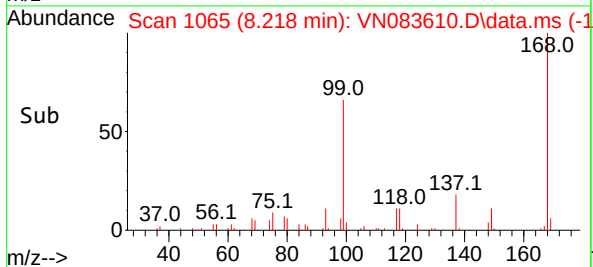
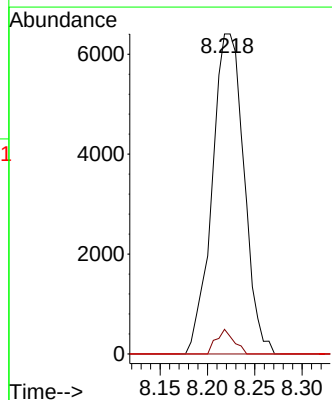
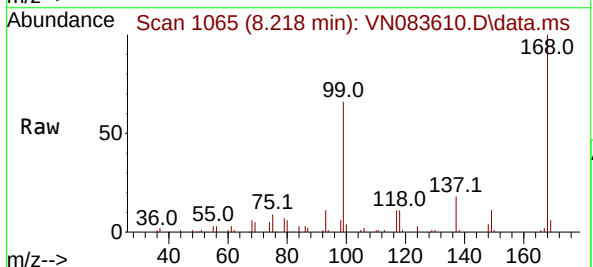
Tgt Ion: 117 Resp: 15034

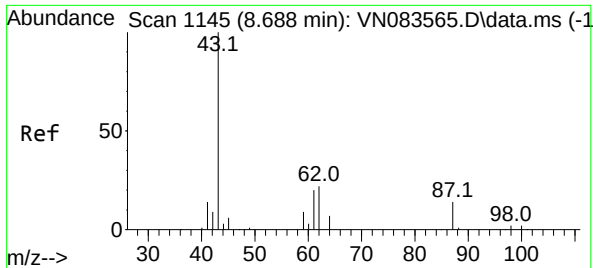
Ion Ratio Lower Upper

117 100

119 7.7 76.1 114.1#

121 0.0 24.1 36.1#

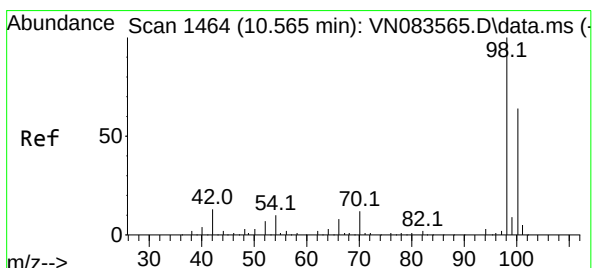
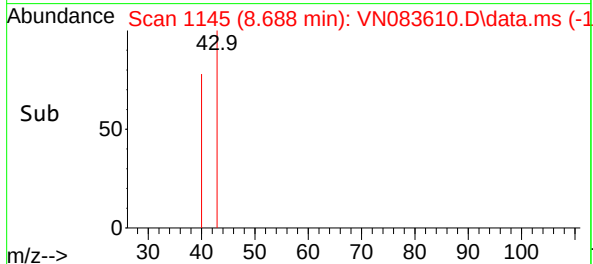
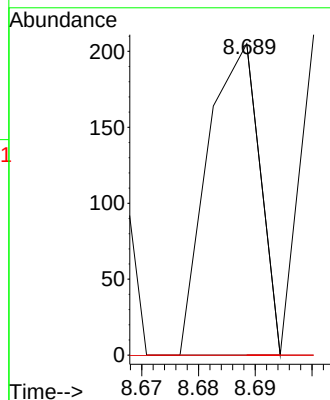
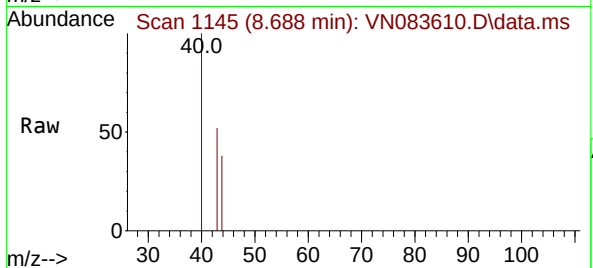




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083610.D
Acq: 31 Aug 2024 11:21

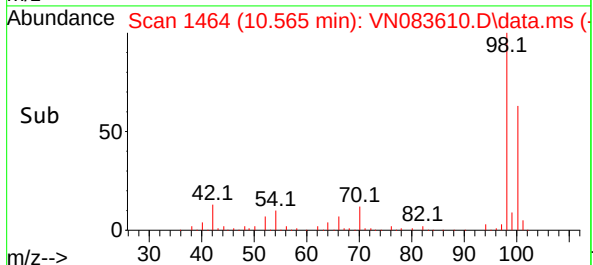
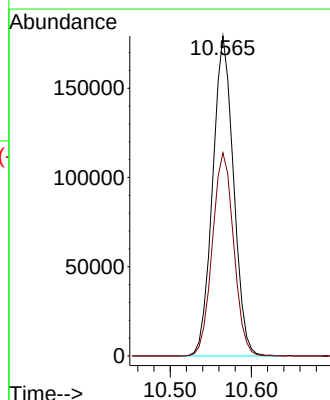
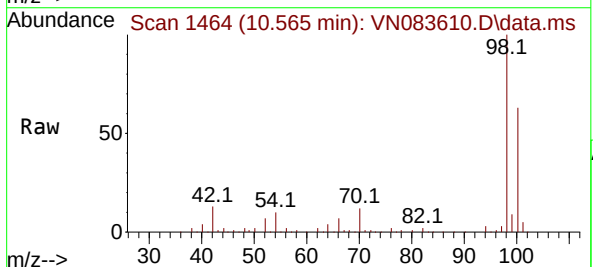
Instrument :
MSVOA_N
ClientSampleId :

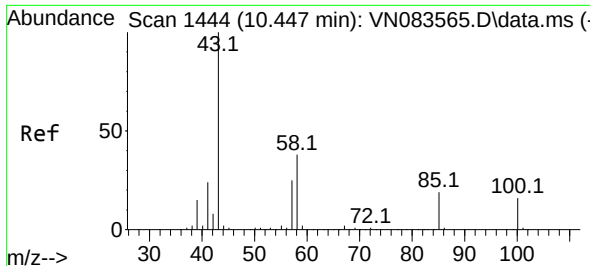
Tgt Ion: 43 Resp: 130
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#



#50
Toluene-d8
Concen: 48.886 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083610.D
Acq: 31 Aug 2024 11:21

Tgt Ion: 98 Resp: 319988
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0

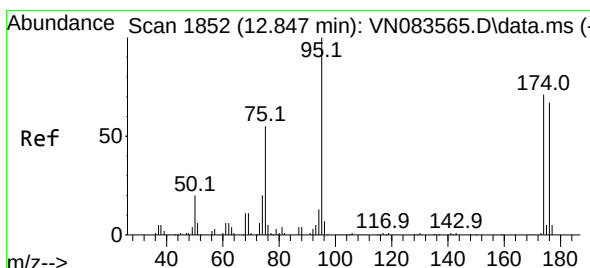
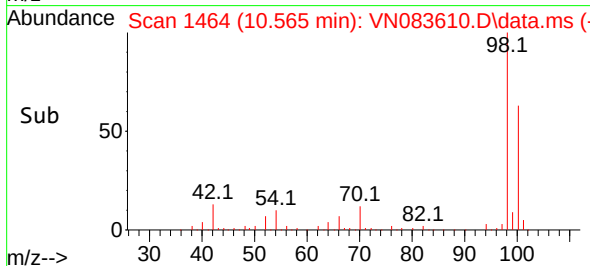
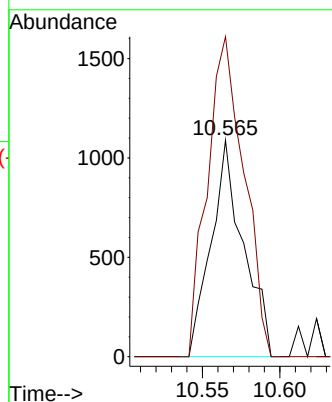
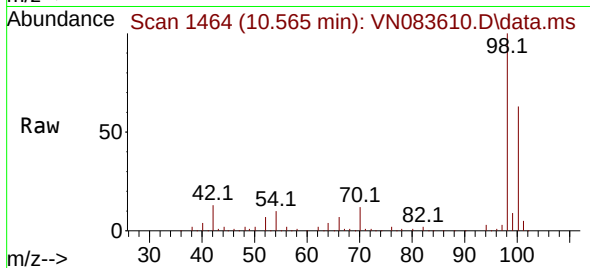




#51
4-Methyl-2-Pentanone
Concen: 0.665 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN083610.D
Acq: 31 Aug 2024 11:21

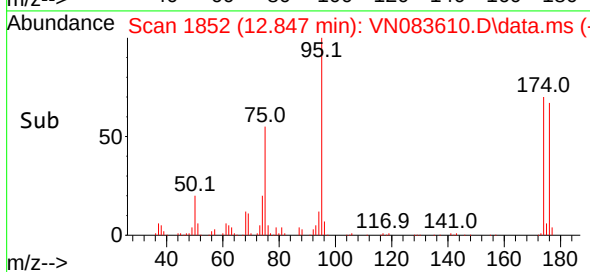
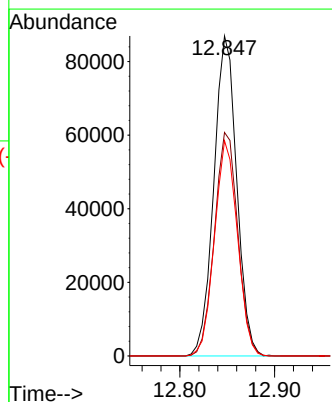
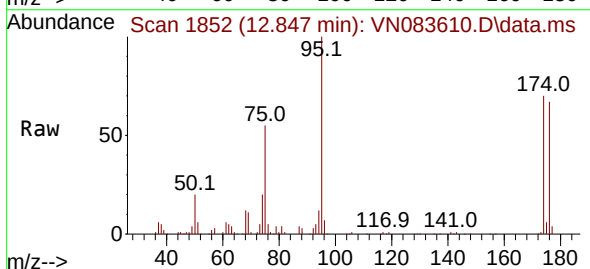
Instrument :
MSVOA_N
ClientSampleId :

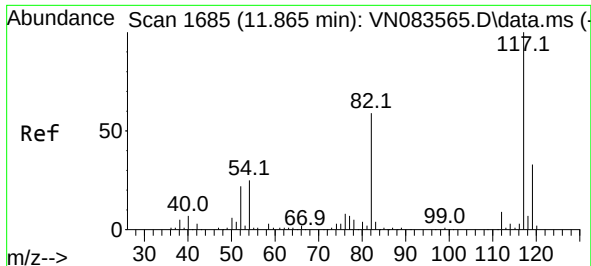
Tgt Ion: 43 Resp: 1576
Ion Ratio Lower Upper
43 100
58 168.3 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 60.326 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083610.D
Acq: 31 Aug 2024 11:21

Tgt Ion: 95 Resp: 146191
Ion Ratio Lower Upper
95 100
174 71.5 0.0 139.8
176 67.6 0.0 131.4

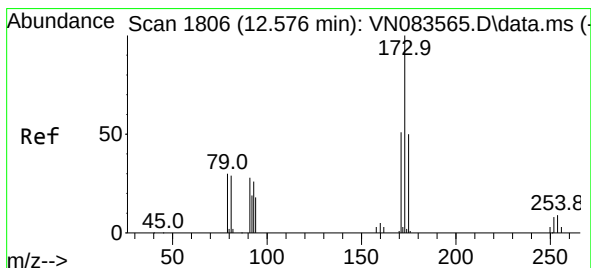
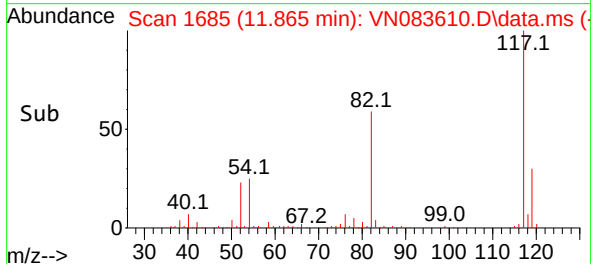
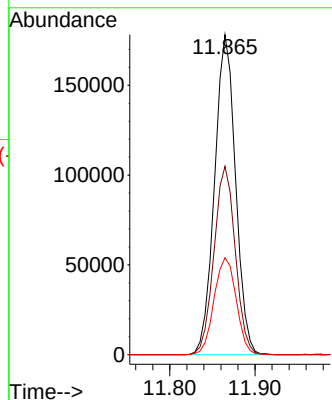
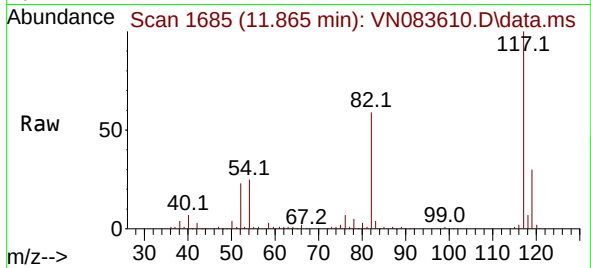




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083610.D
Acq: 31 Aug 2024 11:21

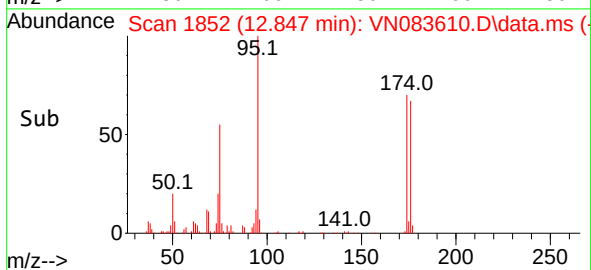
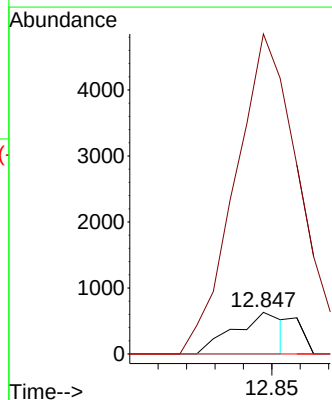
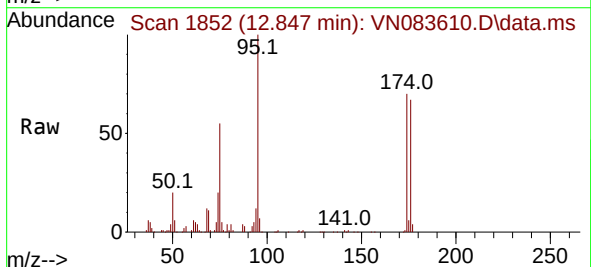
Instrument :
MSVOA_N
ClientSampleId :

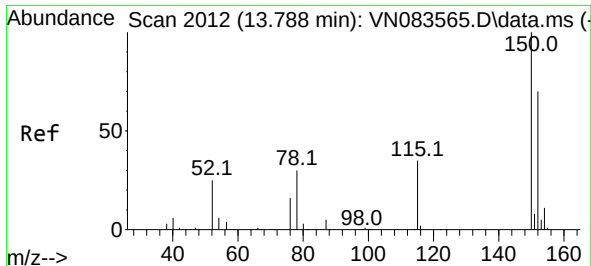
Tgt Ion:117 Resp: 304667
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.0
119 30.3 26.3 39.5



#71
Bromoform
Concen: 0.456 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN083610.D
Acq: 31 Aug 2024 11:21

Tgt Ion:173 Resp: 750
Ion Ratio Lower Upper
173 100
175 762.9 24.1 72.2#
254 0.0 0.0 0.0

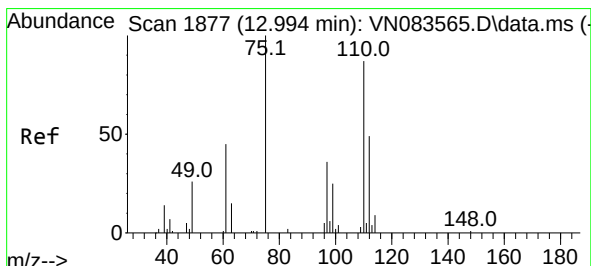
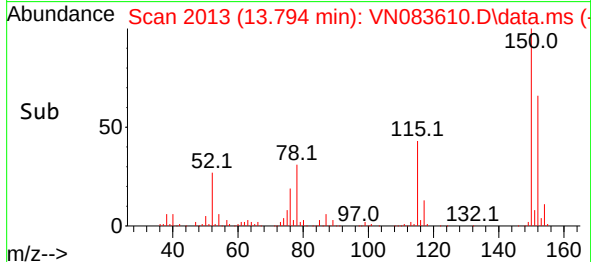
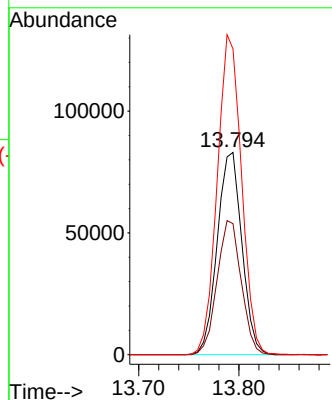
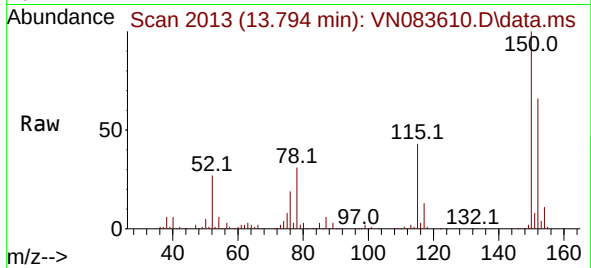




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN083610.D
Acq: 31 Aug 2024 11:21

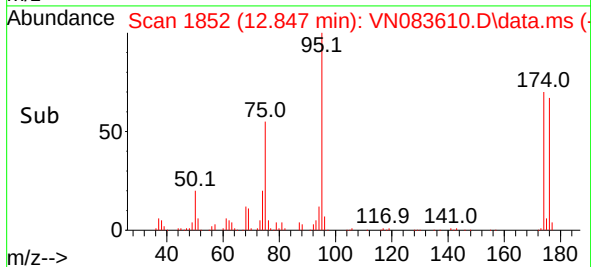
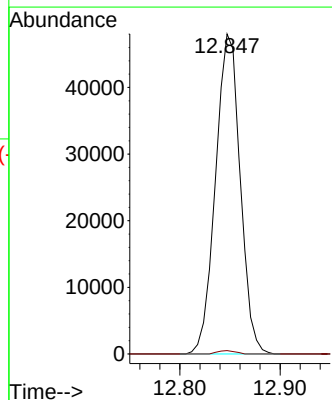
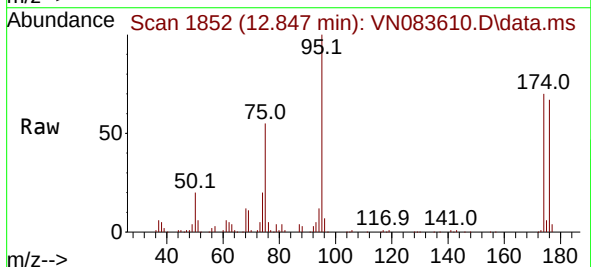
Instrument :
MSVOA_N
ClientSampleId :

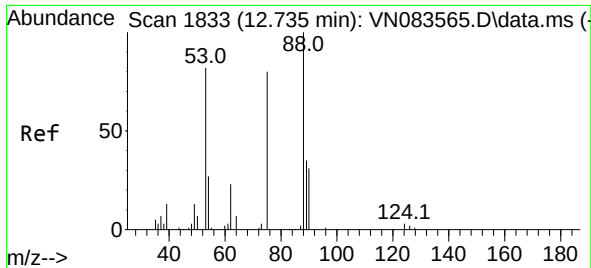
Tgt Ion:152 Resp: 141826
Ion Ratio Lower Upper
152 100
115 65.0 32.2 96.6
150 155.9 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 28.641 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083610.D
Acq: 31 Aug 2024 11:21

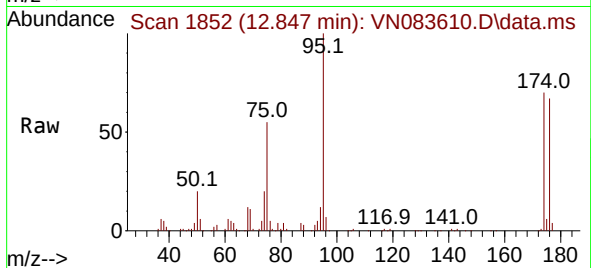
Tgt Ion: 75 Resp: 82012
Ion Ratio Lower Upper
75 100
77 0.7 95.2 285.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 67.552 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083610.D
Acq: 31 Aug 2024 11:21

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 82012
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

