

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100124\
 Data File : VN084243.D
 Acq On : 01 Oct 2024 16:42
 Operator : JC\MD
 Sample : P4209-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-2

Quant Time: Oct 02 02:04:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

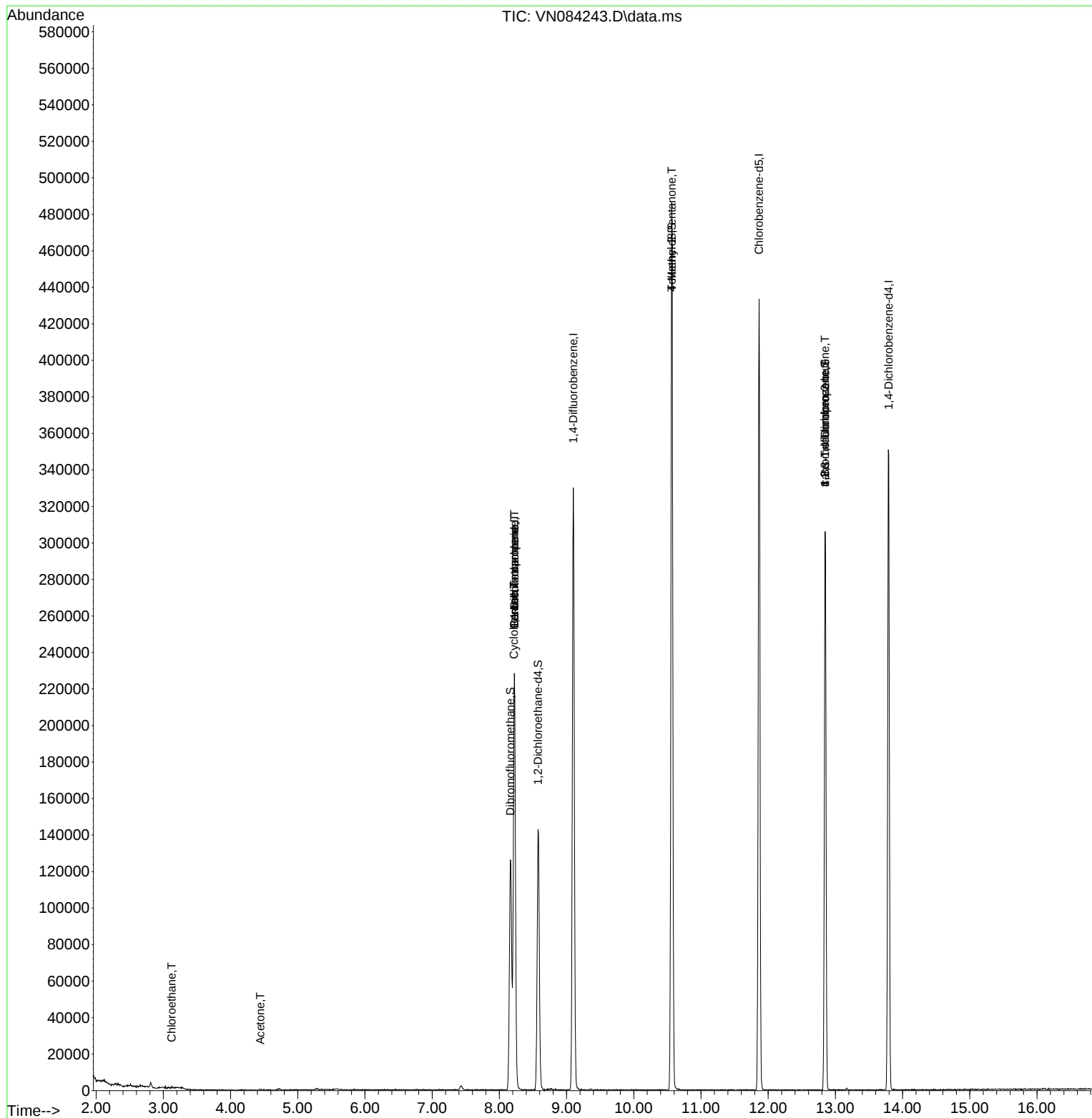
Internal Standards						
1) Pentafluorobenzene	8.224	168	157857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	278260	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	240070	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	93717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118486	50.624	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.240%			
35) Dibromofluoromethane	8.165	113	92180	50.249	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.500%			
50) Toluene-d8	10.565	98	338179	50.107	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.220%			
62) 4-Bromofluorobenzene	12.847	95	106132	43.164	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 86.320%			
Target Compounds						Qvalue
6) Chloroethane	3.124	64	305	0.206	ug/l #	45
16) Acetone	4.442	43	599	0.596	ug/l #	44
31) Cyclohexane	8.218	56	3763	1.085	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	13658	5.126	ug/l #	51
38) Carbon Tetrachloride	8.224	117	18111	6.196	ug/l #	15
51) 4-Methyl-2-Pentanone	10.565	43	1762	0.677	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	57911	30.268	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	57911	72.567	ug/l #	11

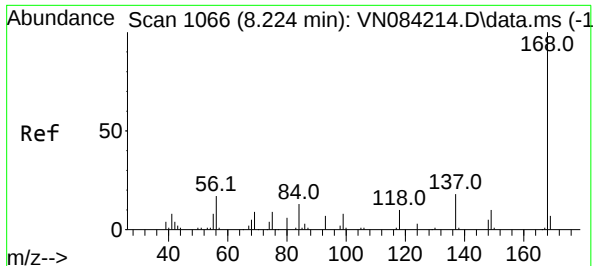
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration

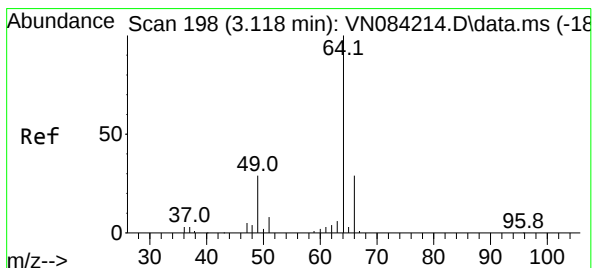
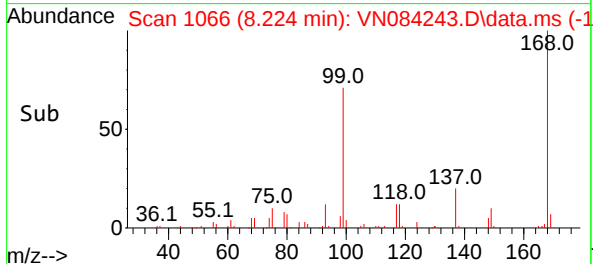
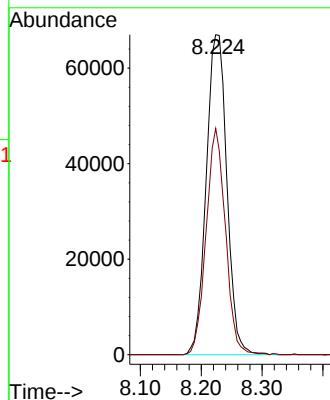
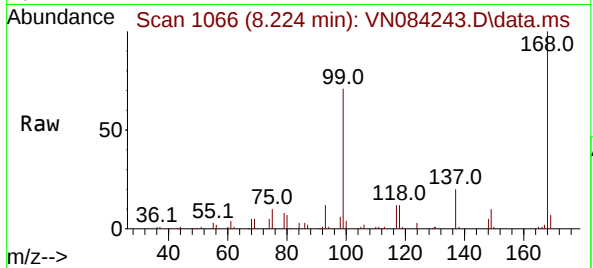




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084243.D
Acq: 01 Oct 2024 16:42

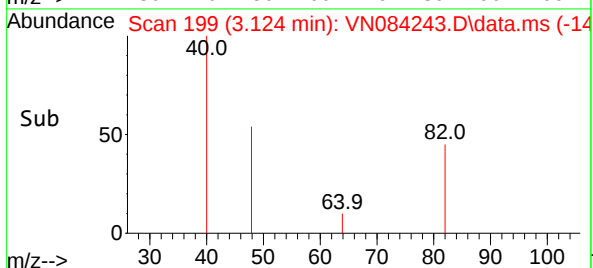
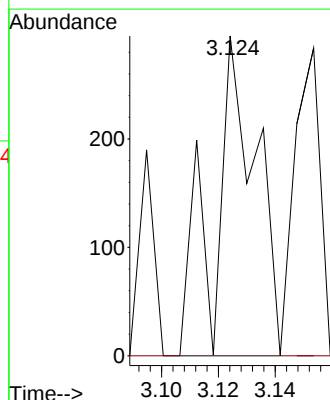
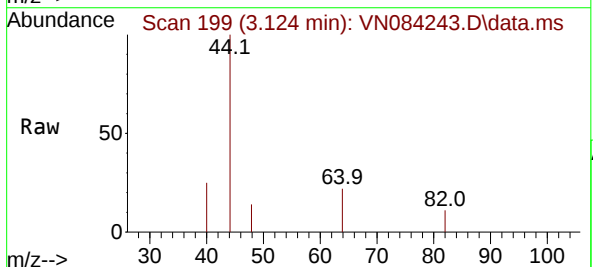
Instrument :
MSVOA_N
ClientSampleId :
DRUM-2

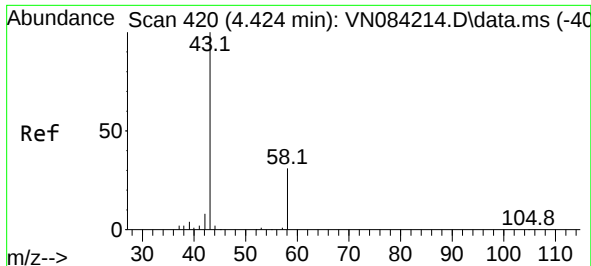
Tgt Ion:168 Resp: 157857
Ion Ratio Lower Upper
168 100
99 70.7 54.2 81.2



#6
Chloroethane
Concen: 0.206 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN084243.D
Acq: 01 Oct 2024 16:42

Tgt Ion: 64 Resp: 305
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#

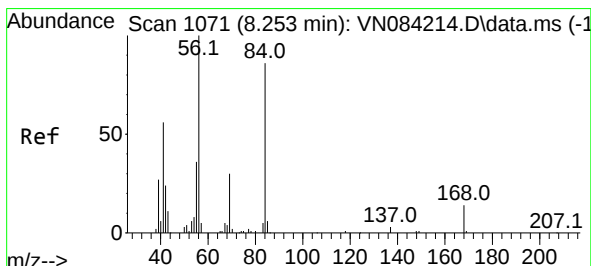
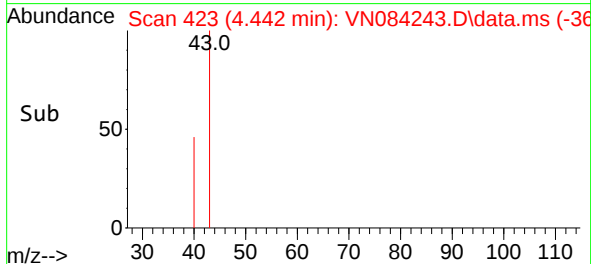
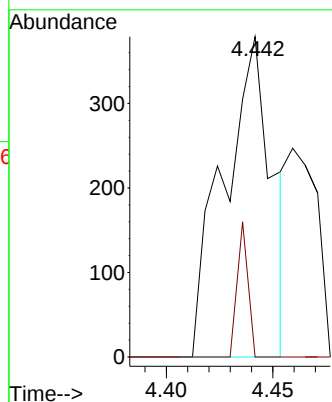
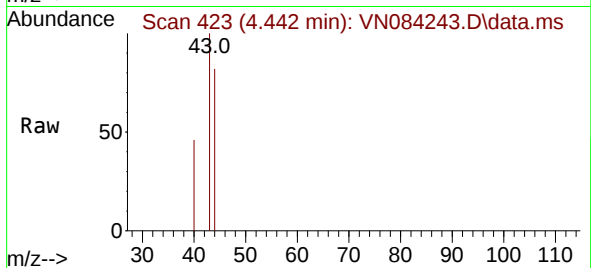




#16
Acetone
Concen: 0.596 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN084243.D
Acq: 01 Oct 2024 16:42

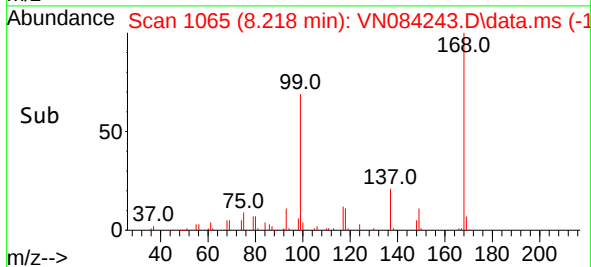
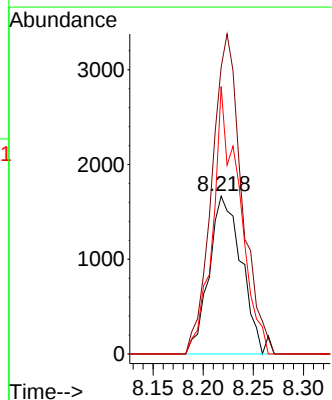
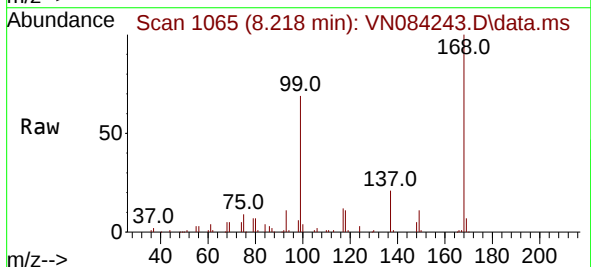
Instrument :
MSVOA_N
ClientSampleId :
DRUM-2

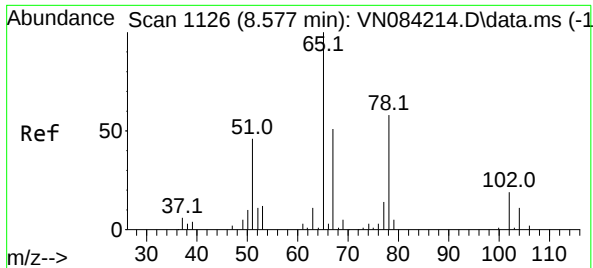
Tgt Ion: 43 Resp: 599
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



#31
Cyclohexane
Concen: 1.085 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084243.D
Acq: 01 Oct 2024 16:42

Tgt Ion: 56 Resp: 3763
Ion Ratio Lower Upper
56 100
69 181.9 23.8 35.6#
84 169.5 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 50.624 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN084243.D

Acq: 01 Oct 2024 16:42

Instrument :

MSVOA_N

ClientSampleId :

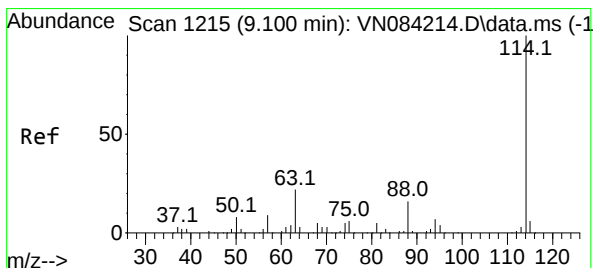
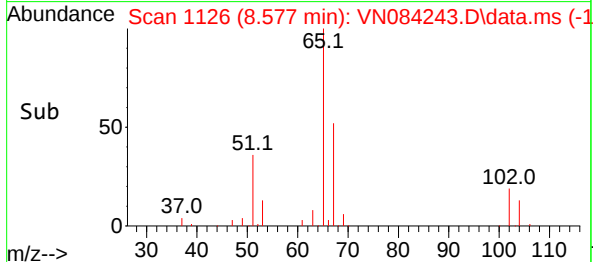
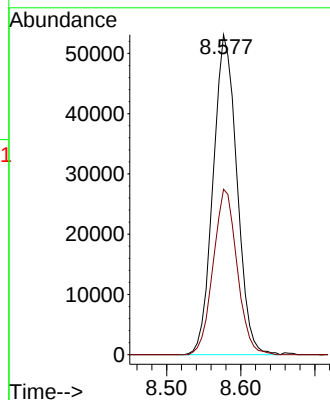
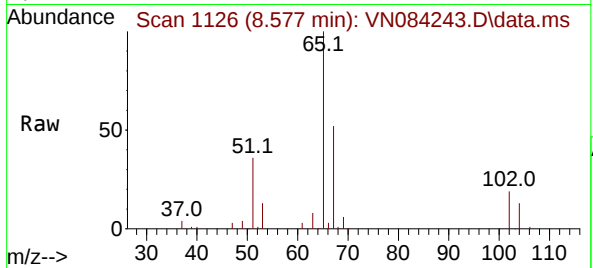
DRUM-2

Tgt Ion: 65 Resp: 118486

Ion Ratio Lower Upper

65 100

67 51.9 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN084243.D

Acq: 01 Oct 2024 16:42

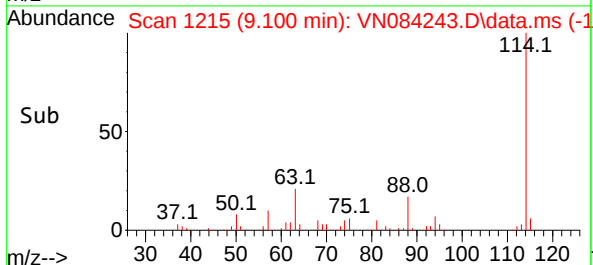
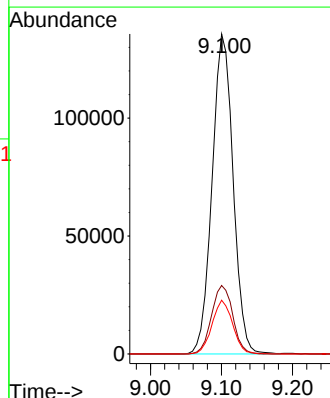
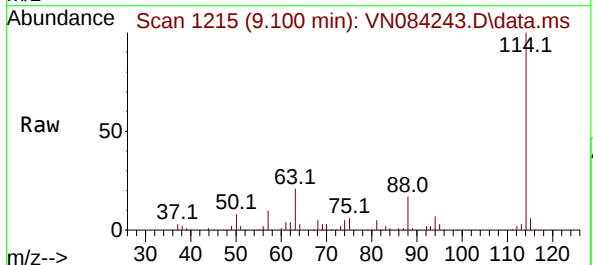
Tgt Ion: 114 Resp: 278260

Ion Ratio Lower Upper

114 100

63 21.4 0.0 43.8

88 16.8 0.0 31.6





#35

Dibromofluoromethane

Concen: 50.249 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084243.D

Acq: 01 Oct 2024 16:42

Instrument :

MSVOA_N

ClientSampleId :

DRUM-2

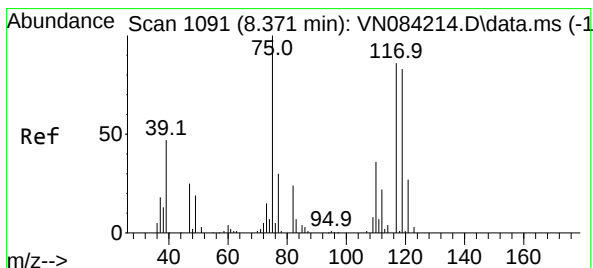
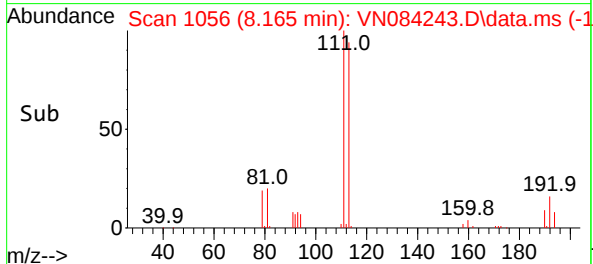
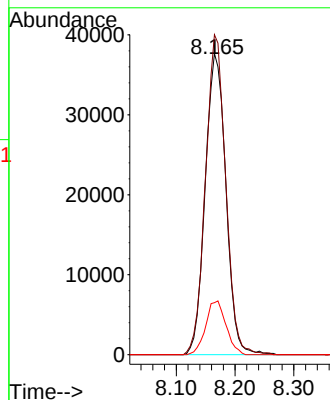
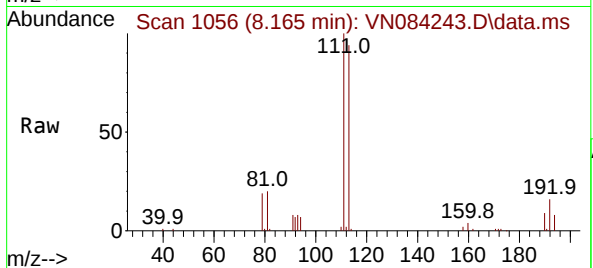
Tgt Ion:113 Resp: 92180

Ion Ratio Lower Upper

113 100

111 103.9 83.3 124.9

192 17.5 13.5 20.3



#36

1,1-Dichloropropene

Concen: 5.126 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084243.D

Acq: 01 Oct 2024 16:42

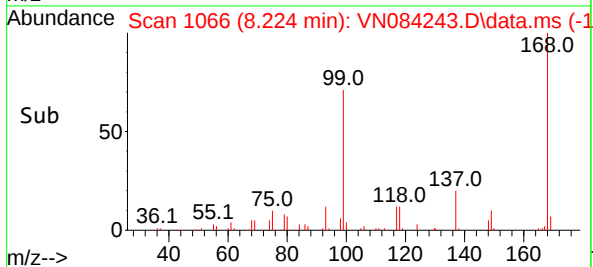
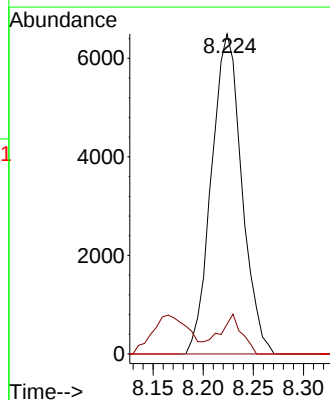
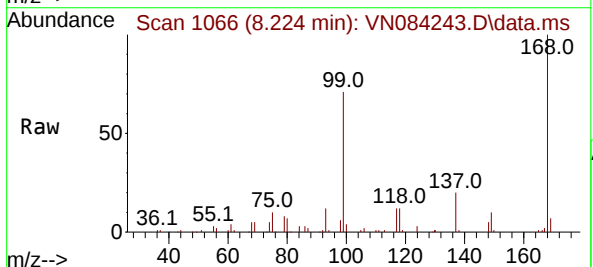
Tgt Ion: 75 Resp: 13658

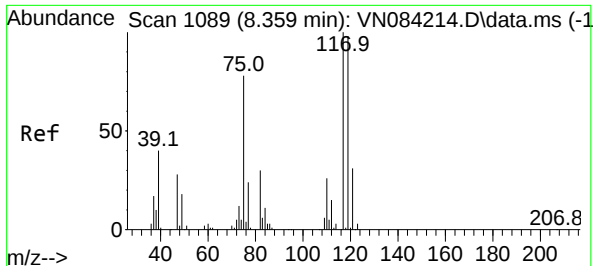
Ion Ratio Lower Upper

75 100

110 9.2 16.9 50.7#

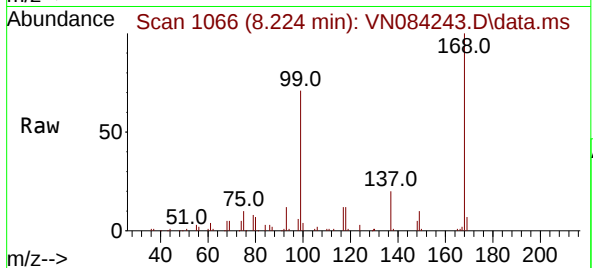
77 0.0 24.7 37.1#



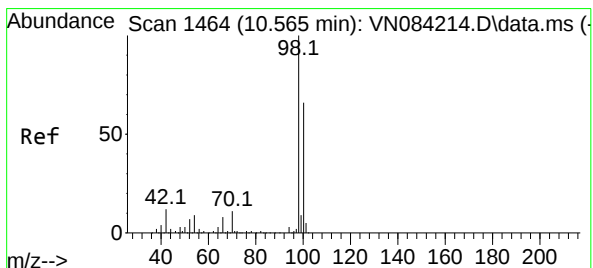
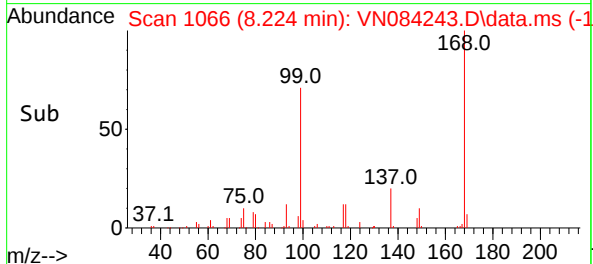
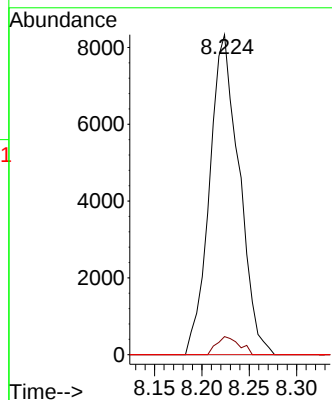


#38
Carbon Tetrachloride
Concen: 6.196 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084243.D
Acq: 01 Oct 2024 16:42

Instrument :
MSVOA_N
ClientSampleId :
DRUM-2

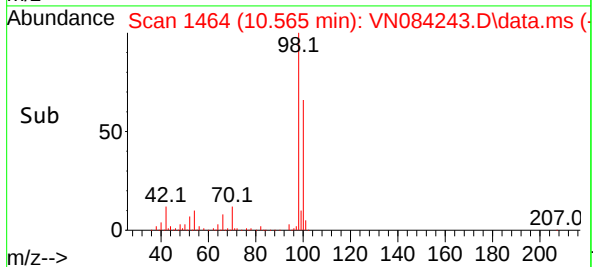
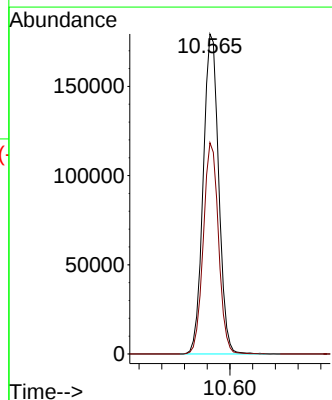
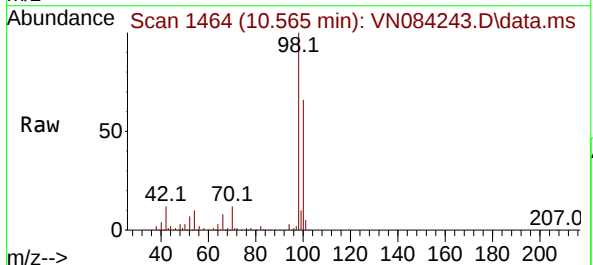


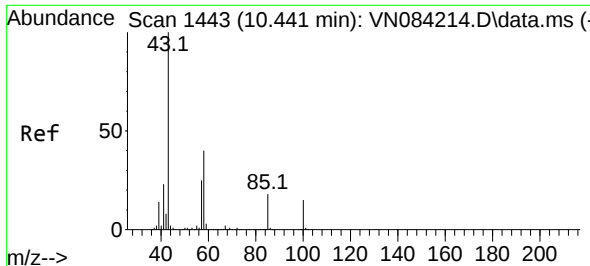
Tgt Ion:117 Resp: 18111
Ion Ratio Lower Upper
117 100
119 5.6 78.7 118.1#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.107 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084243.D
Acq: 01 Oct 2024 16:42

Tgt Ion: 98 Resp: 338179
Ion Ratio Lower Upper
98 100
100 64.7 52.7 79.1

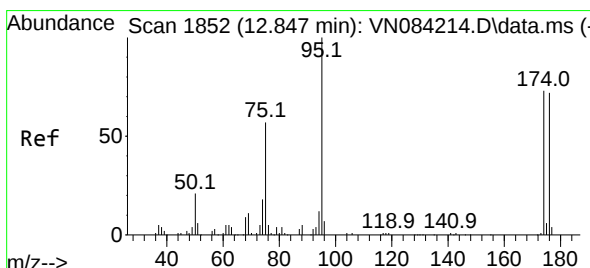
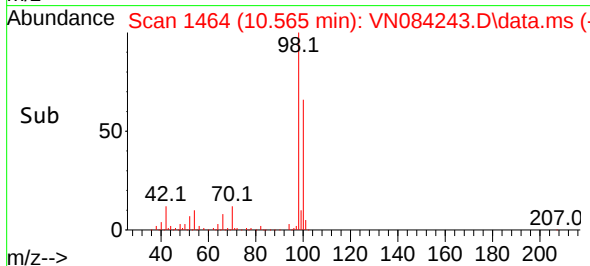
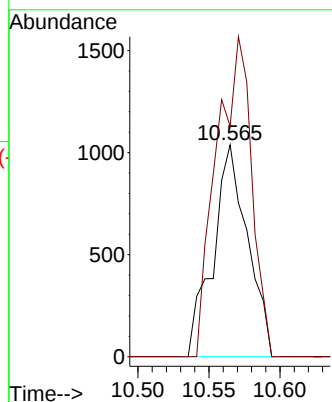
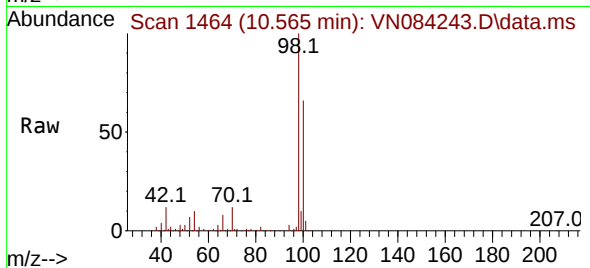




#51
4-Methyl-2-Pentanone
Concen: 0.677 ug/l
RT: 10.565 min Scan# 1443
Delta R.T. 0.124 min
Lab File: VN084243.D
Acq: 01 Oct 2024 16:42

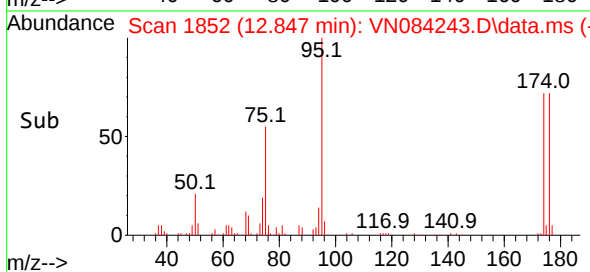
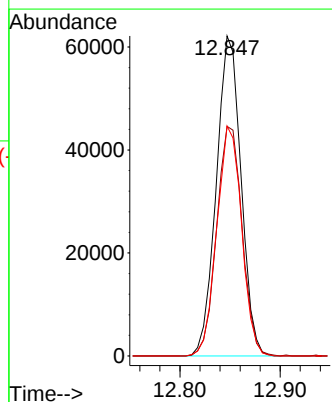
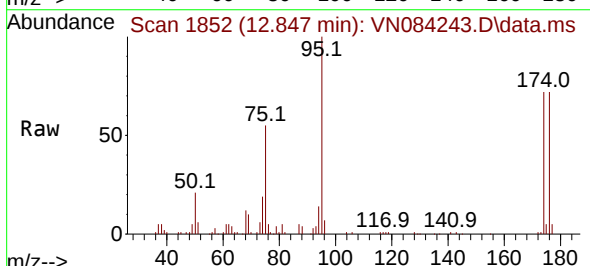
Instrument :
MSVOA_N
ClientSampleId :
DRUM-2

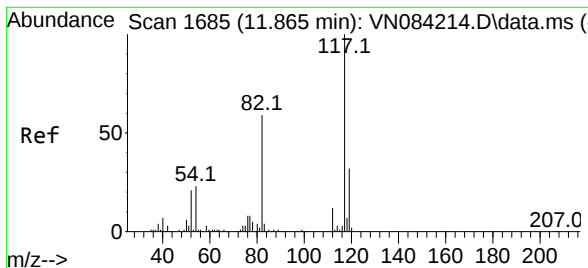
Tgt Ion: 43 Resp: 1762
Ion Ratio Lower Upper
43 100
58 153.2 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 43.164 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084243.D
Acq: 01 Oct 2024 16:42

Tgt Ion: 95 Resp: 106132
Ion Ratio Lower Upper
95 100
174 73.9 0.0 145.2
176 72.1 0.0 140.0

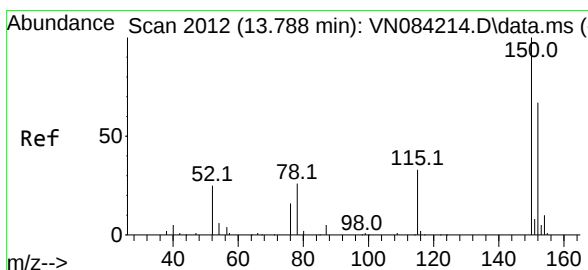
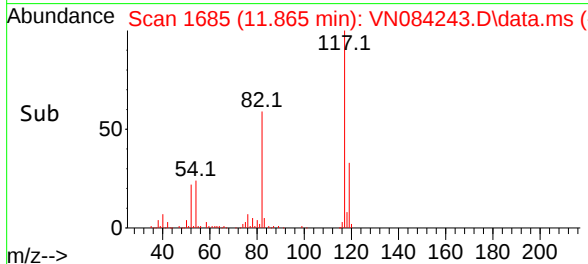
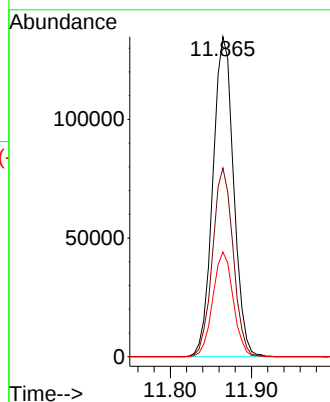
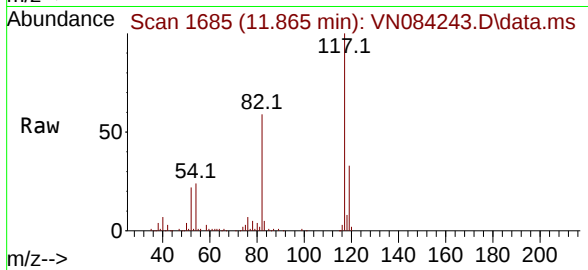




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN084243.D
Acq: 01 Oct 2024 16:42

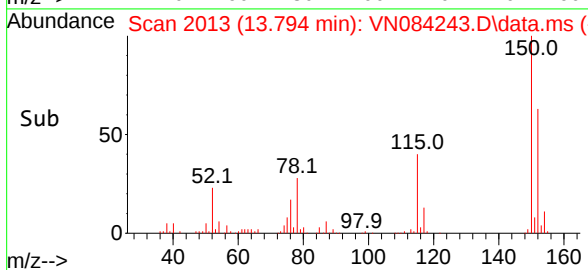
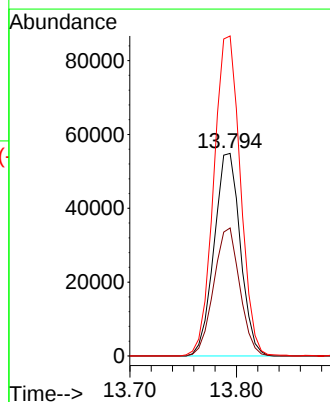
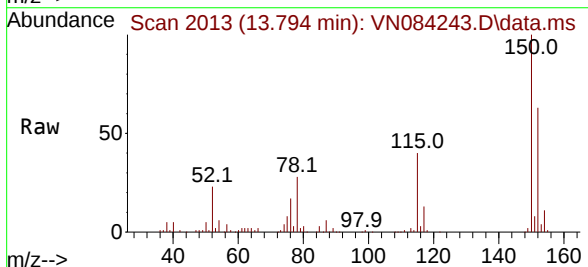
Instrument :
MSVOA_N
ClientSampleId :
DRUM-2

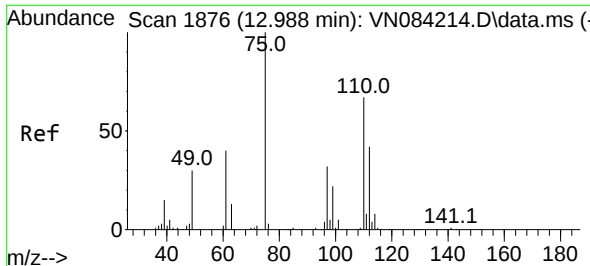
Tgt Ion:117 Resp: 240070
Ion Ratio Lower Upper
117 100
82 59.0 47.2 70.8
119 32.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN084243.D
Acq: 01 Oct 2024 16:42

Tgt Ion:152 Resp: 93717
Ion Ratio Lower Upper
152 100
115 62.8 31.3 93.9
150 160.2 0.0 349.8

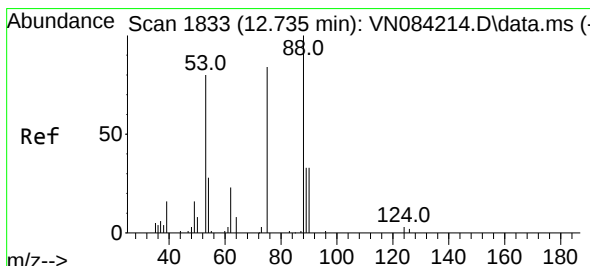
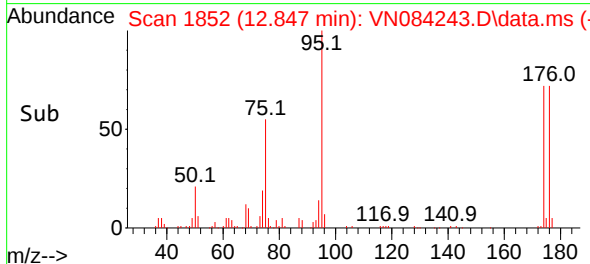
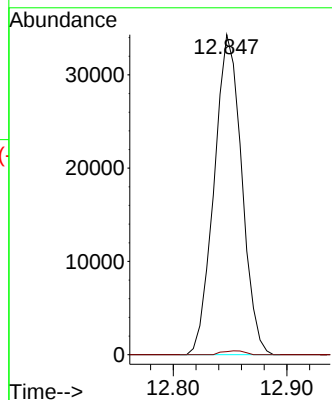
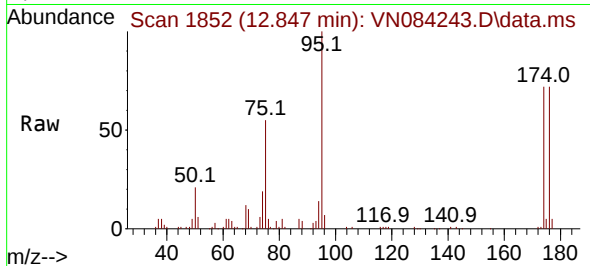




#76
1,2,3-Trichloropropane
Concen: 30.268 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084243.D
Acq: 01 Oct 2024 16:42

Instrument :
MSVOA_N
ClientSampleId :
DRUM-2

Tgt Ion: 75 Resp: 57911
Ion Ratio Lower Upper
75 100
77 1.0 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.567 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084243.D
Acq: 01 Oct 2024 16:42

Tgt Ion: 75 Resp: 57911
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#

