

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090924\
 Data File : VN083728.D
 Acq On : 09 Sep 2024 19:48
 Operator : JC\MD
 Sample : P3841-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 10 02:16:44 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)

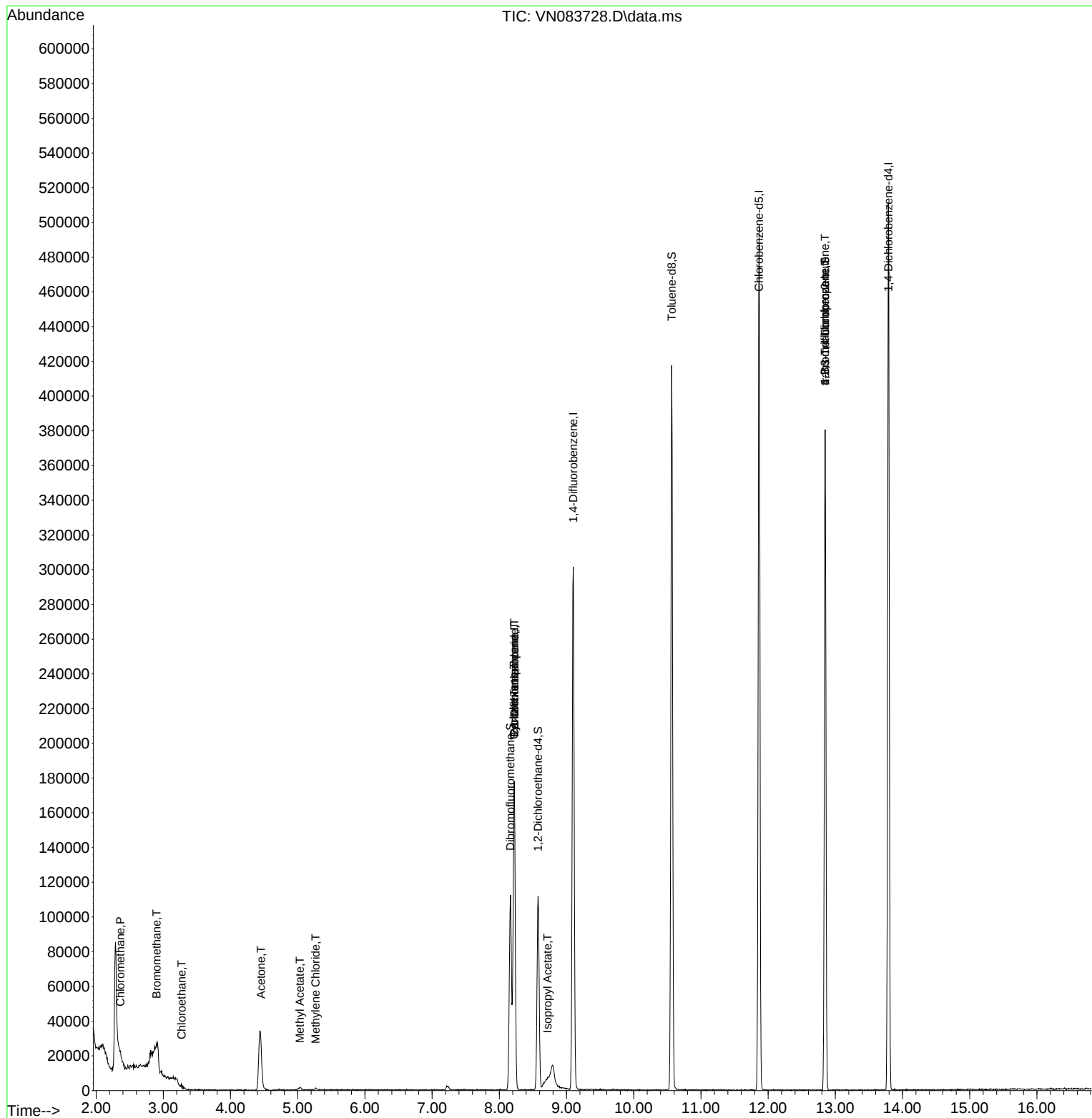
Internal Standards						
1) Pentafluorobenzene	8.224	168	121282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	252173	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	271034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	128565	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	96367	56.853	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.700%			
35) Dibromofluoromethane	8.165	113	78241	51.550	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.100%			
50) Toluene-d8	10.565	98	272905	46.209	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 92.420%			
62) 4-Bromofluorobenzene	12.847	95	129422	59.110	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 118.220%			
Target Compounds						Qvalue
3) Chloromethane	2.360	50	1754	1.173	ug/l #	73
5) Bromomethane	2.901	94	223	0.283	ug/l #	78
6) Chloroethane	3.271	64	292	0.299	ug/l #	45
16) Acetone	4.453	43	1544	2.284	ug/l #	45
18) Methyl Acetate	5.030	43	2860	1.591	ug/l #	72
20) Methylene Chloride	5.265	84	411	0.275	ug/l #	85
31) Cyclohexane	8.218	56	3257	1.242	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	10867	4.694	ug/l #	51
38) Carbon Tetrachloride	8.224	117	14206	5.378	ug/l #	15
43) Isopropyl Acetate	8.718	43	10660	1.152	ug/l #	57
76) 1,2,3-Trichloropropane	12.847	75	71944	27.717	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	71944	65.372	ug/l #	9

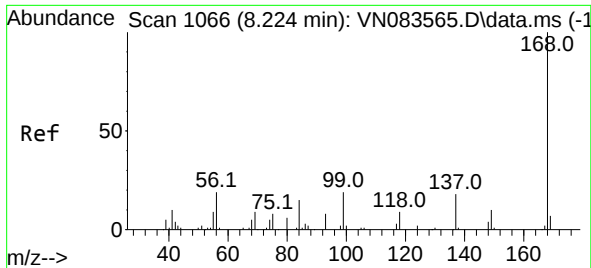
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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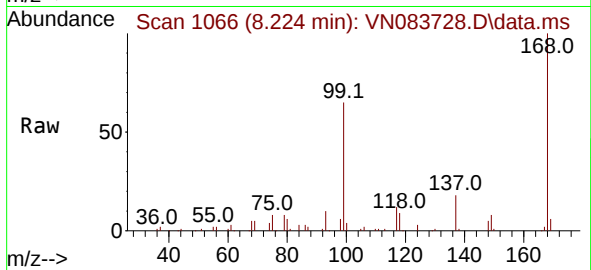
Quant Time: Sep 10 02:16:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 00:48:10 2024
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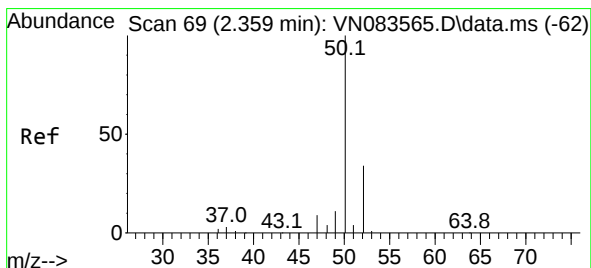
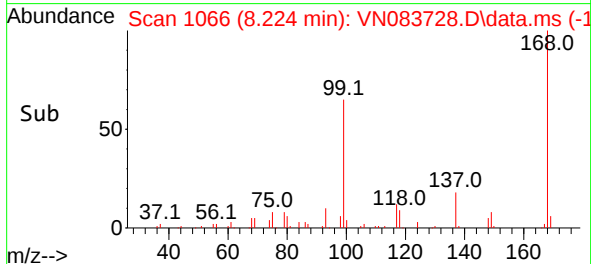
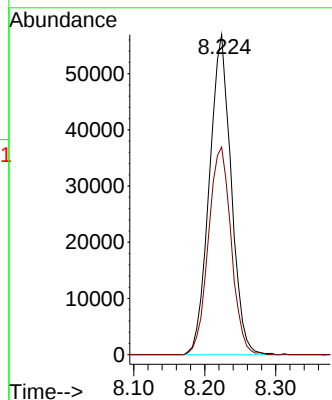


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083728.D
Acq: 09 Sep 2024 19:48

Instrument :
MSVOA_N
ClientSampleId :

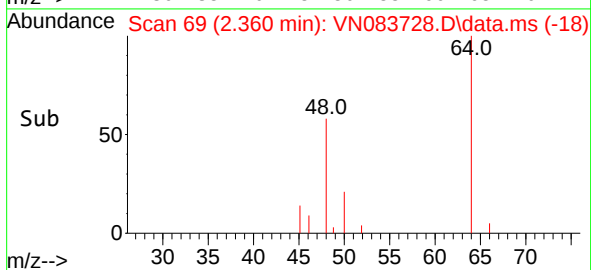
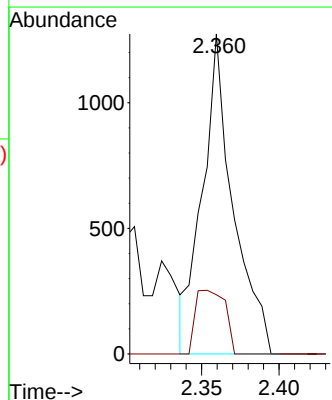
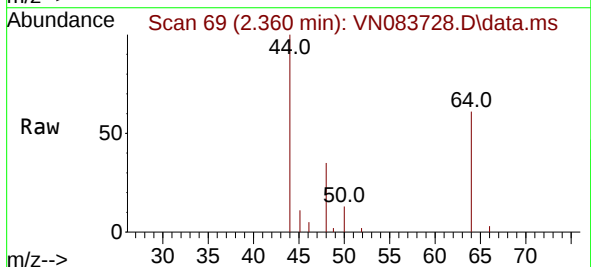


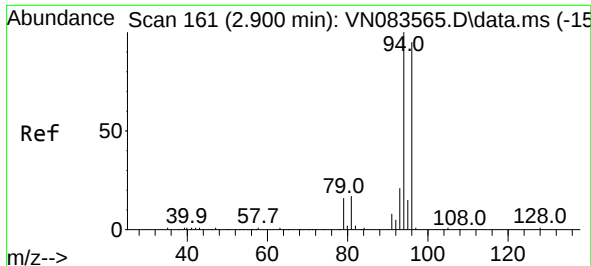
Tgt Ion:168 Resp: 121282
Ion Ratio Lower Upper
168 100
99 64.9 54.2 81.2



#3
Chloromethane
Concen: 1.173 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083728.D
Acq: 09 Sep 2024 19:48

Tgt Ion: 50 Resp: 1754
Ion Ratio Lower Upper
50 100
52 18.5 27.2 40.8#

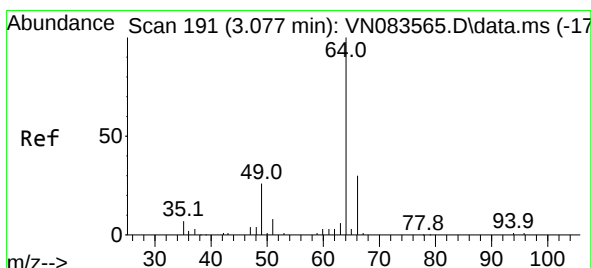
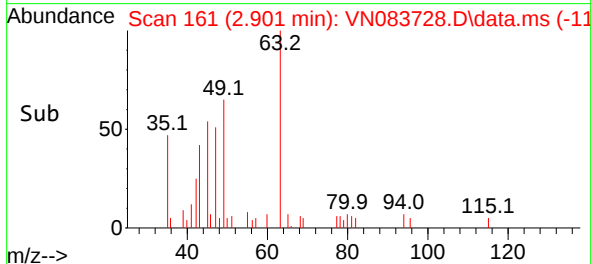
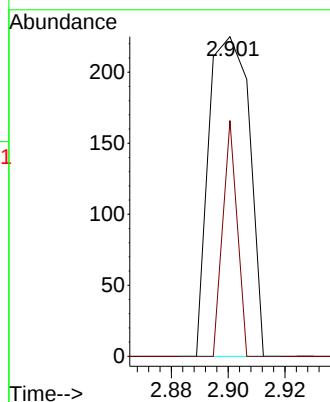
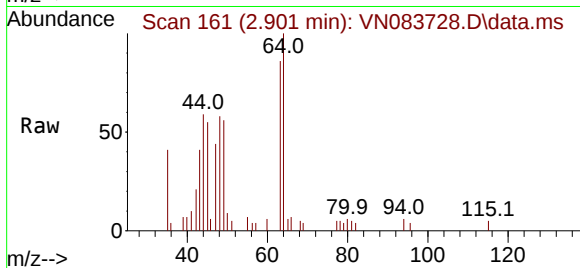




#5
Bromomethane
Concen: 0.283 ug/l
RT: 2.901 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083728.D
Acq: 09 Sep 2024 19:48

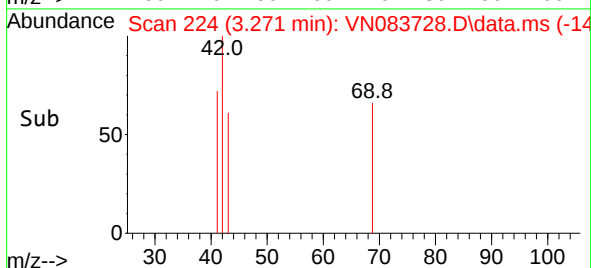
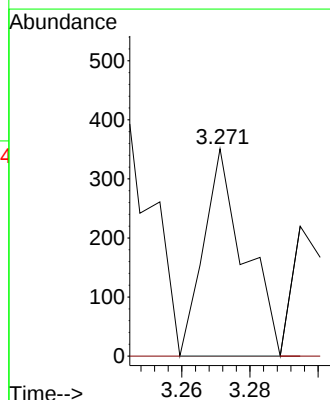
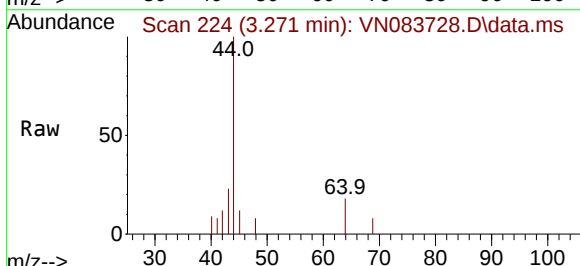
Instrument :
MSVOA_N
ClientSampleId :

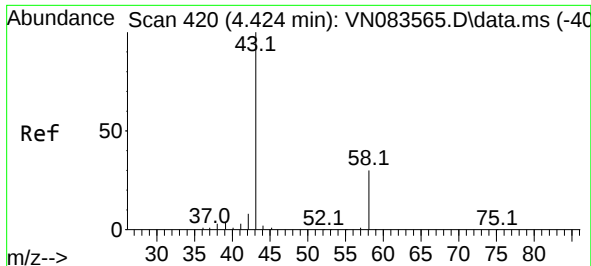
Tgt Ion: 94 Resp: 223
Ion Ratio Lower Upper
94 100
96 73.8 76.0 114.0#



#6
Chloroethane
Concen: 0.299 ug/l
RT: 3.271 min Scan# 224
Delta R.T. 0.194 min
Lab File: VN083728.D
Acq: 09 Sep 2024 19:48

Tgt Ion: 64 Resp: 292
Ion Ratio Lower Upper
64 100
66 0.0 23.9 35.9#





#16

Acetone

Concen: 2.284 ug/l

RT: 4.453 min Scan# 41

Delta R.T. 0.030 min

Lab File: VN083728.D

Acq: 09 Sep 2024 19:48

Instrument :

MSVOA_N

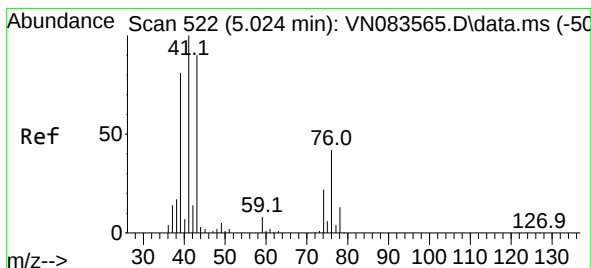
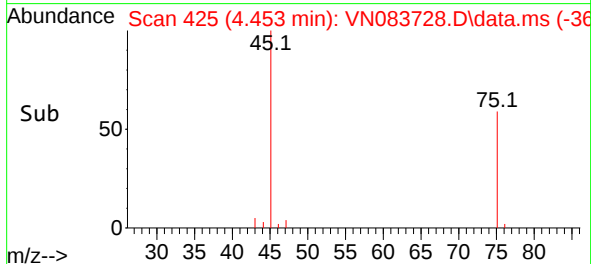
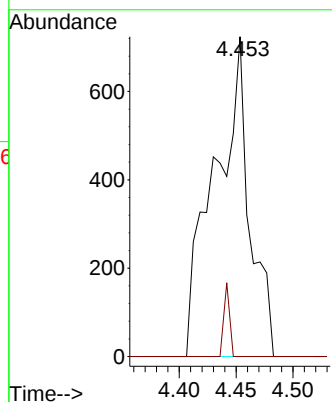
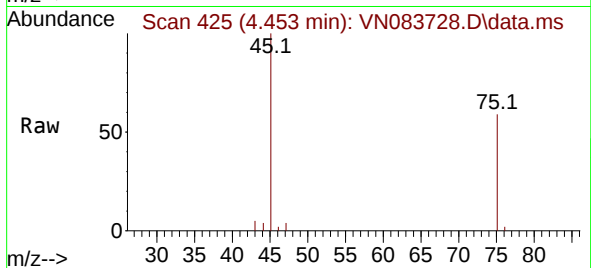
ClientSampleId :

Tgt Ion: 43 Resp: 1544

Ion Ratio Lower Upper

43 100

58 0.0 23.7 35.5#



#18

Methyl Acetate

Concen: 1.591 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.006 min

Lab File: VN083728.D

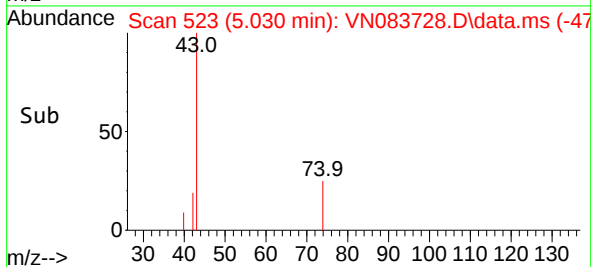
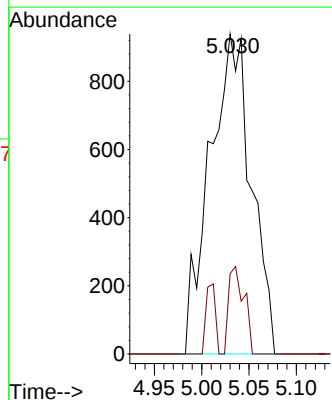
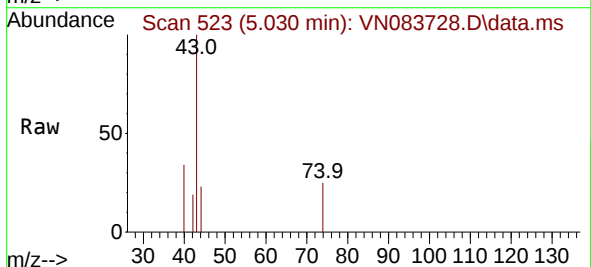
Acq: 09 Sep 2024 19:48

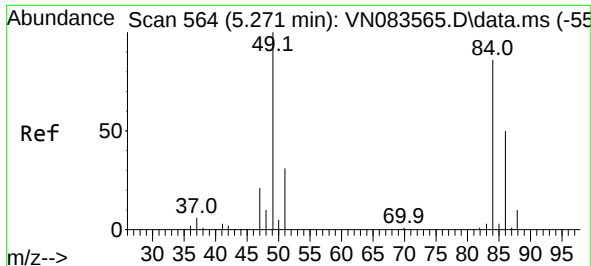
Tgt Ion: 43 Resp: 2860

Ion Ratio Lower Upper

43 100

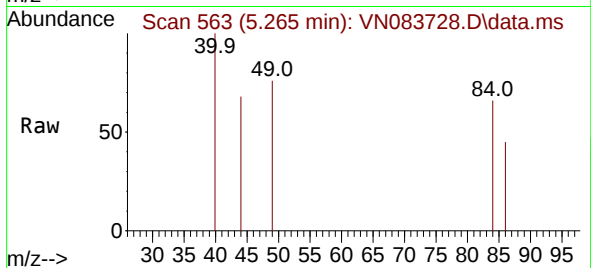
74 10.2 19.0 28.4#



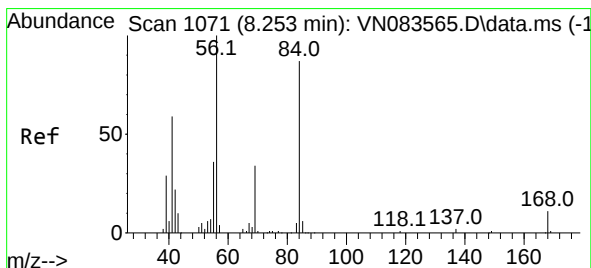
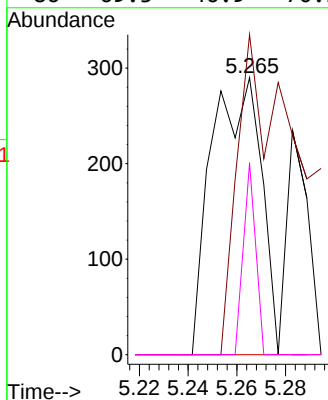
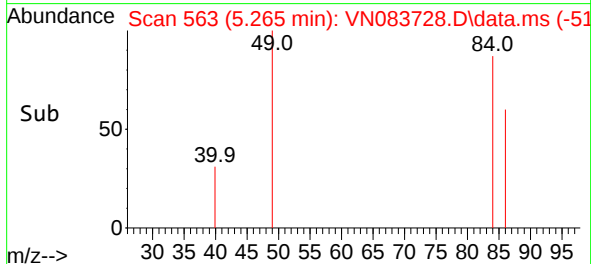


#20
Methylene Chloride
Concen: 0.275 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN083728.D
Acq: 09 Sep 2024 19:48

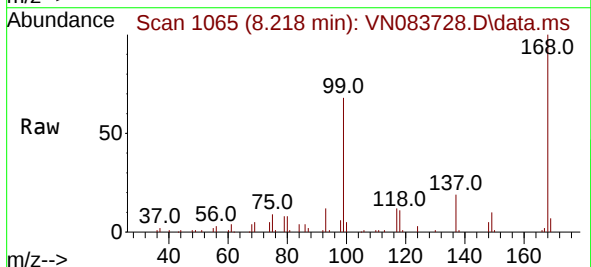
Instrument :
MSVOA_N
ClientSampleId :



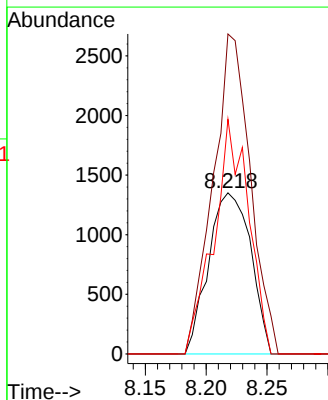
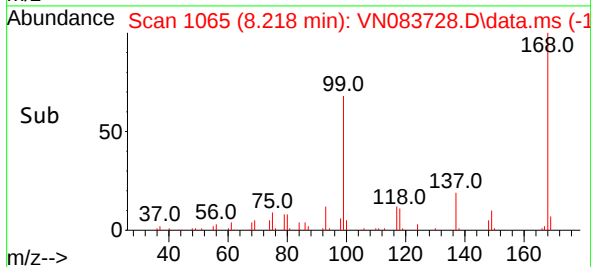
Tgt Ion:	84	Resp:	411
Ion	Ratio	Lower	Upper
84	100		
49	115.5	93.4	140.0
51	0.0	29.2	43.8#
86	69.3	46.9	70.3

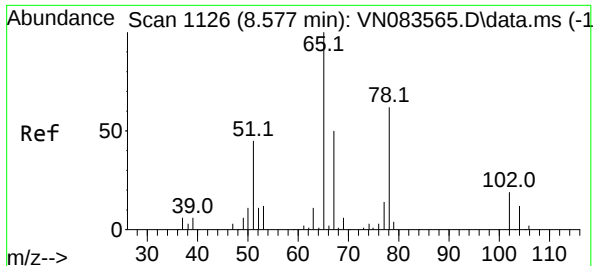


#31
Cyclohexane
Concen: 1.242 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN083728.D
Acq: 09 Sep 2024 19:48



Tgt Ion:	56	Resp:	3257
Ion	Ratio	Lower	Upper
56	100		
69	198.7	26.9	40.3#
84	145.7	69.2	103.8#





#33

1,2-Dichloroethane-d4

Concen: 56.853 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083728.D

Acq: 09 Sep 2024 19:48

Instrument :

MSVOA_N

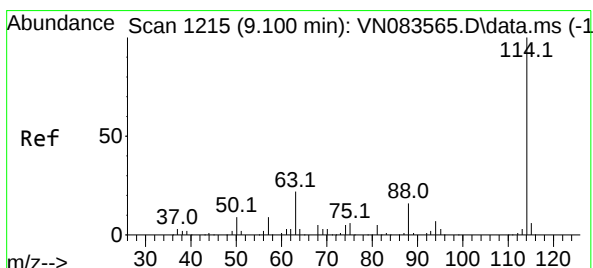
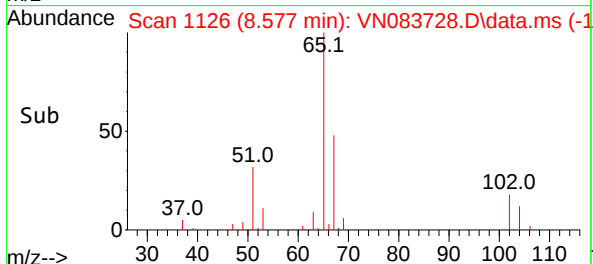
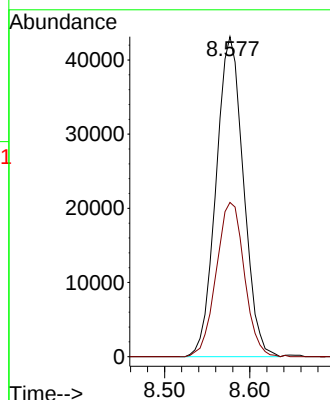
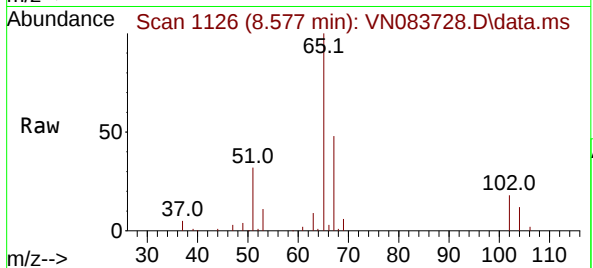
ClientSampleId :

Tgt Ion: 65 Resp: 96367

Ion Ratio Lower Upper

65 100

67 49.6 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: VN083728.D

Acq: 09 Sep 2024 19:48

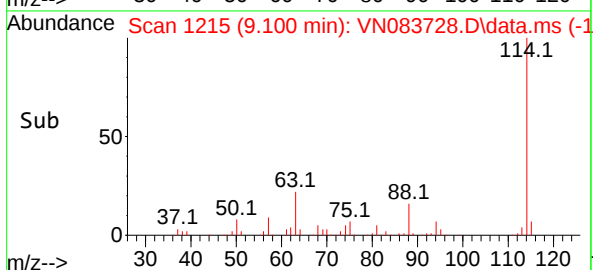
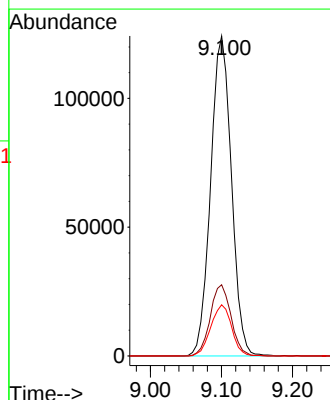
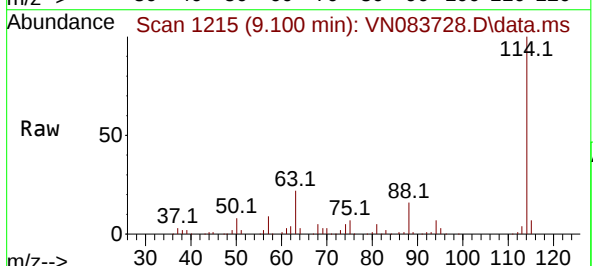
Tgt Ion: 114 Resp: 252173

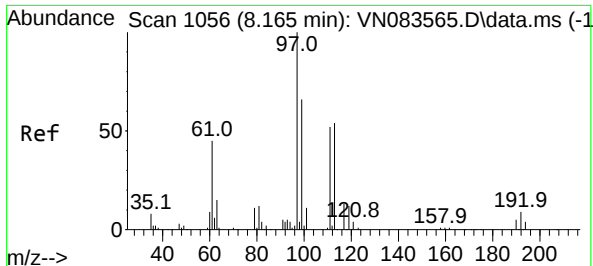
Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.4

88 16.0 0.0 32.6

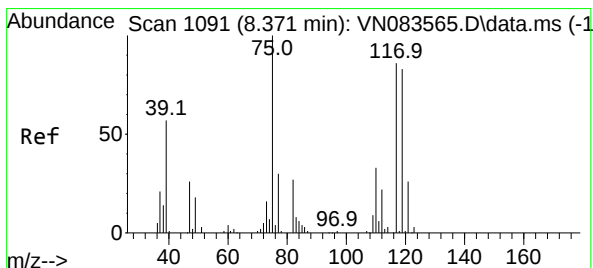
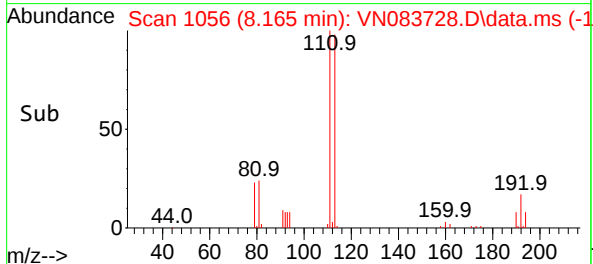
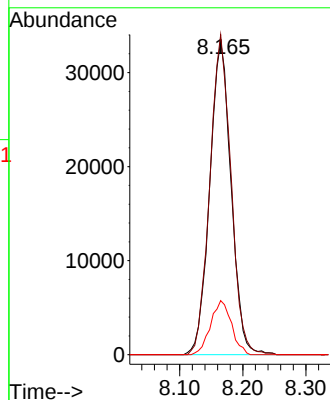
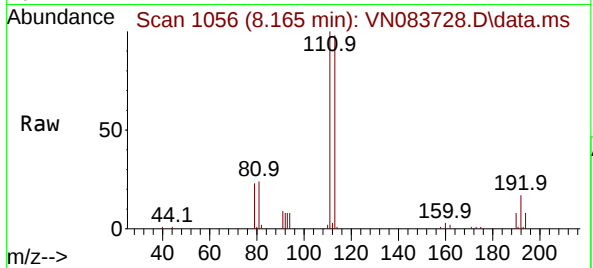




#35
Dibromofluoromethane
Concen: 51.550 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083728.D
Acq: 09 Sep 2024 19:48

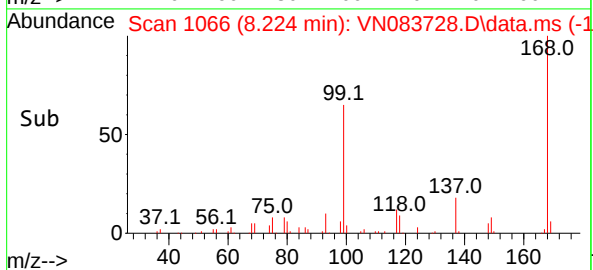
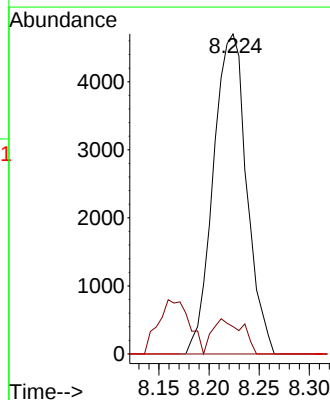
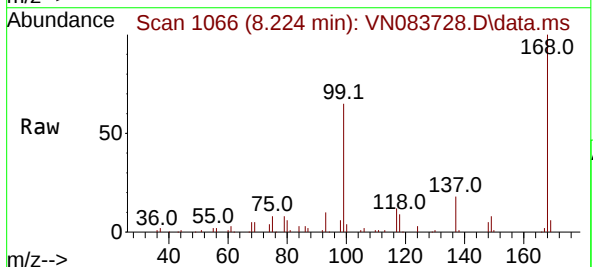
Instrument :
MSVOA_N
ClientSampleId :

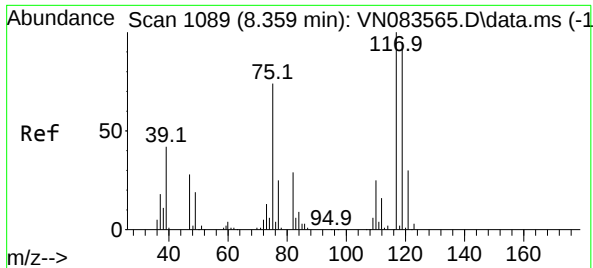
Tgt Ion: 113 Resp: 78241
Ion Ratio Lower Upper
113 100
111 101.3 82.6 124.0
192 16.9 14.3 21.5



#36
1,1-Dichloropropene
Concen: 4.694 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083728.D
Acq: 09 Sep 2024 19:48

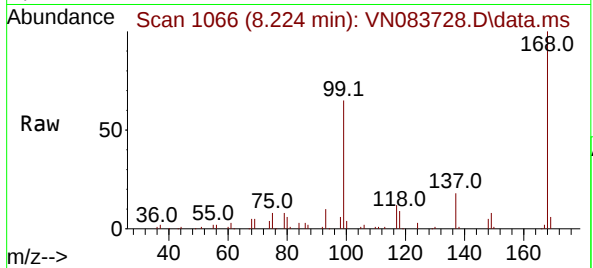
Tgt Ion: 75 Resp: 10867
Ion Ratio Lower Upper
75 100
110 9.9 16.7 50.1#
77 0.0 25.2 37.8#



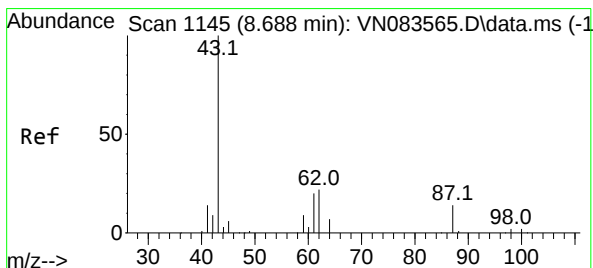
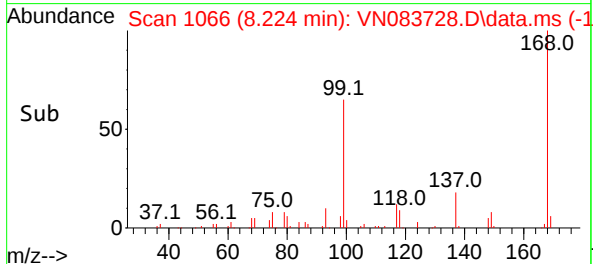
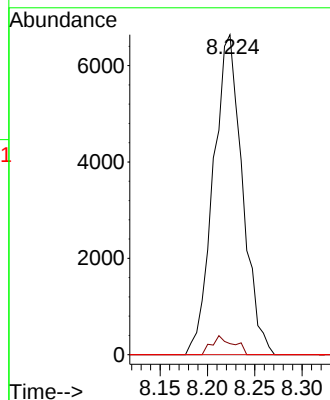


#38
Carbon Tetrachloride
Concen: 5.378 ug/l
RT: 8.224 min Scan# 11066
Delta R.T. -0.135 min
Lab File: VN083728.D
Acq: 09 Sep 2024 19:48

Instrument :
MSVOA_N
ClientSampleId :

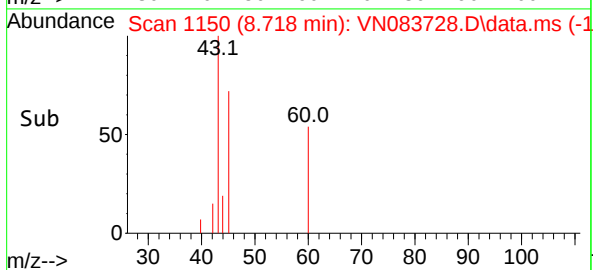
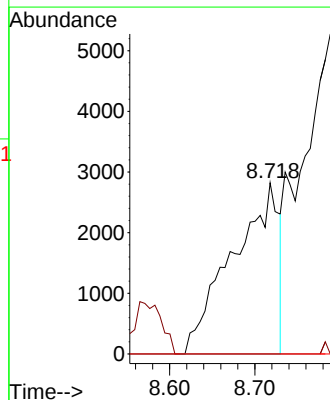
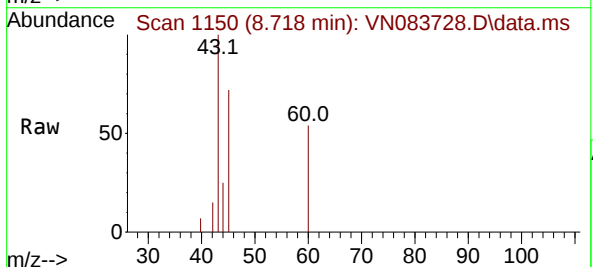


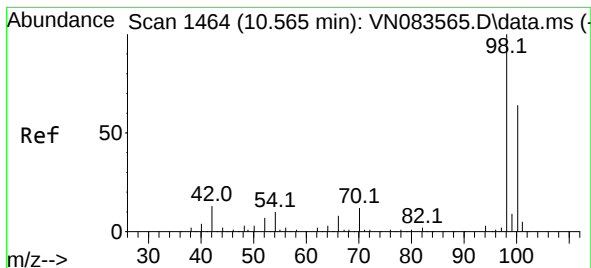
Tgt Ion:117 Resp: 14206
Ion Ratio Lower Upper
117 100
119 3.4 76.1 114.1#
121 0.0 24.1 36.1#



#43
Isopropyl Acetate
Concen: 1.152 ug/l
RT: 8.718 min Scan# 1150
Delta R.T. 0.030 min
Lab File: VN083728.D
Acq: 09 Sep 2024 19:48

Tgt Ion: 43 Resp: 10660
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#





#50

Toluene-d8

Concen: 46.209 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083728.D

Acq: 09 Sep 2024 19:48

Instrument :

MSVOA_N

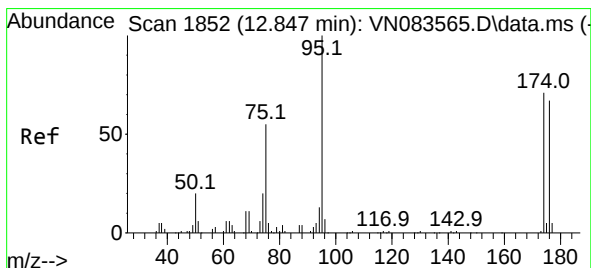
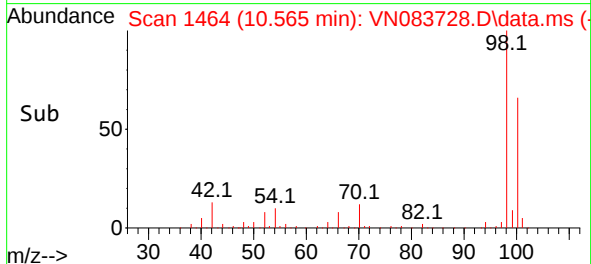
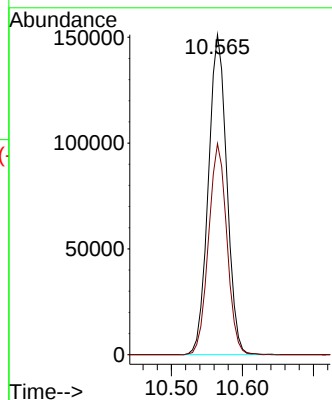
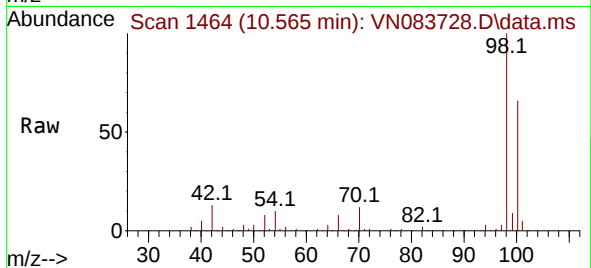
ClientSampleId :

Tgt Ion: 98 Resp: 272905

Ion Ratio Lower Upper

98 100

100 65.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 59.110 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN083728.D

Acq: 09 Sep 2024 19:48

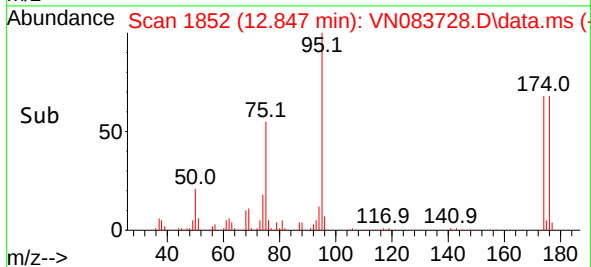
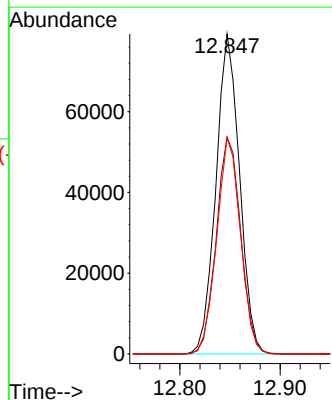
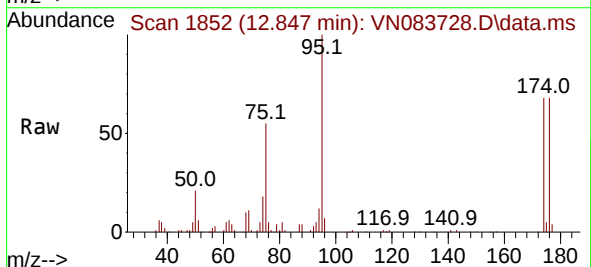
Tgt Ion: 95 Resp: 129422

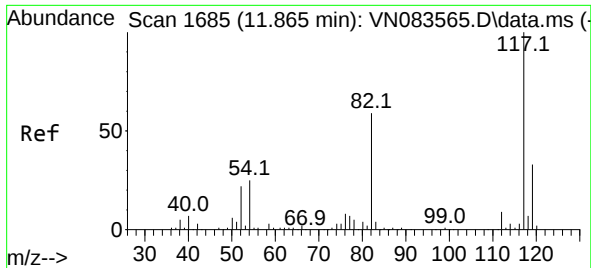
Ion Ratio Lower Upper

95 100

174 70.0 0.0 139.8

176 67.9 0.0 131.4

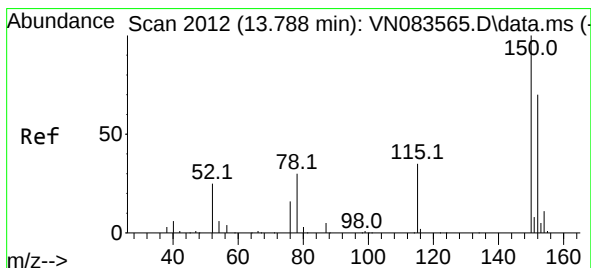
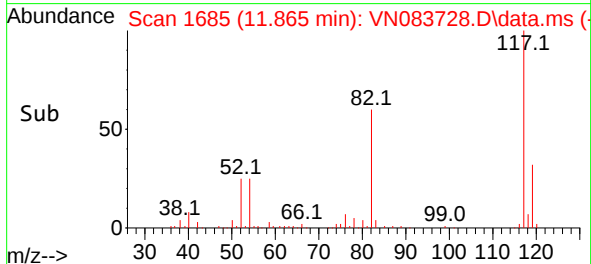
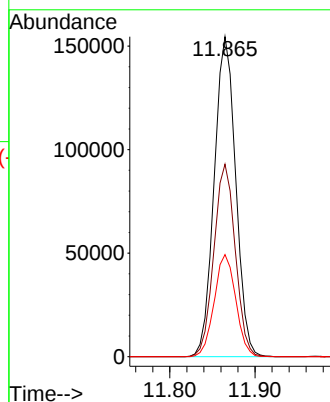
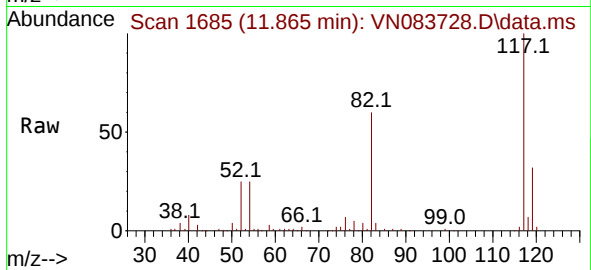




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083728.D
Acq: 09 Sep 2024 19:48

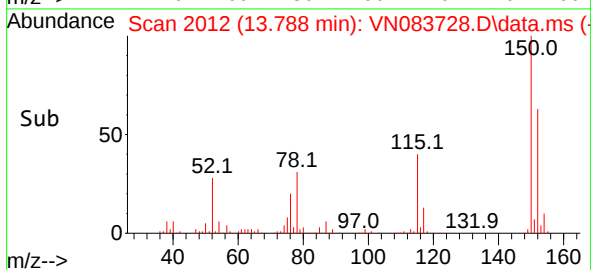
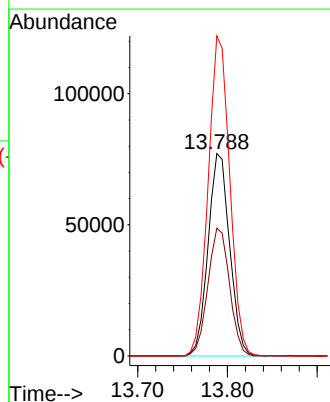
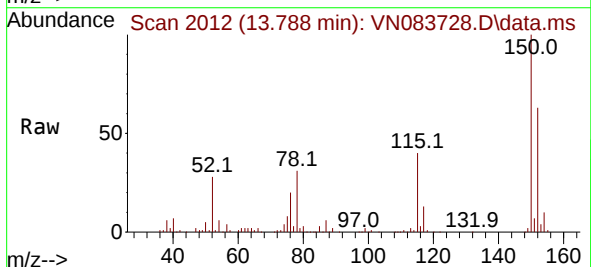
Instrument :
MSVOA_N
ClientSampleId :

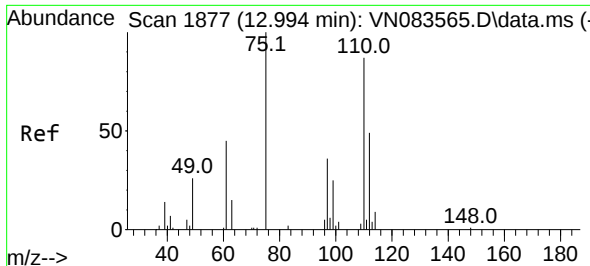
Tgt Ion:117 Resp: 271034
Ion Ratio Lower Upper
117 100
82 60.2 47.4 71.0
119 31.9 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN083728.D
Acq: 09 Sep 2024 19:48

Tgt Ion:152 Resp: 128565
Ion Ratio Lower Upper
152 100
115 63.5 32.2 96.6
150 158.6 0.0 348.6

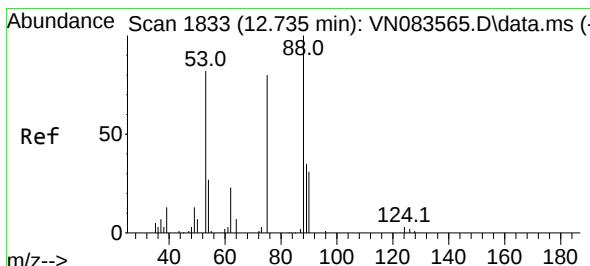
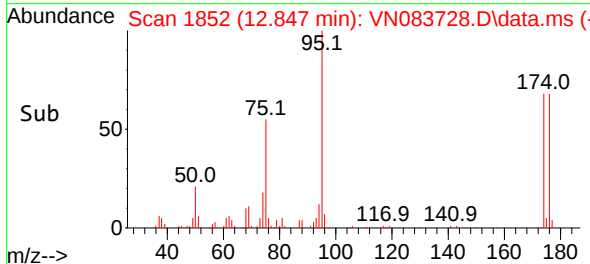
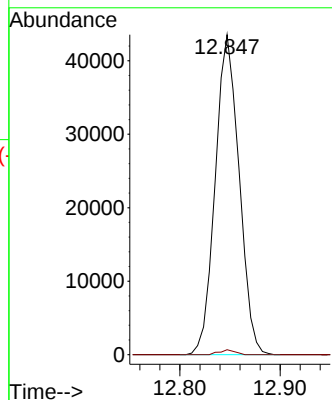
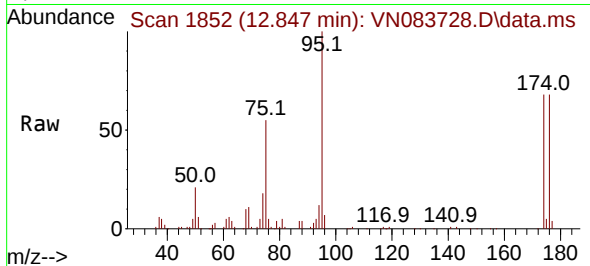




#76
1,2,3-Trichloropropane
Concen: 27.717 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083728.D
Acq: 09 Sep 2024 19:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 71944
Ion Ratio Lower Upper
75 100
77 1.0 95.2 285.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.372 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083728.D
Acq: 09 Sep 2024 19:48

Tgt Ion: 75 Resp: 71944
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

