

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
 Data File : VN083580.D
 Acq On : 30 Aug 2024 17:09
 Operator : JC\MD
 Sample : P3720-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 31 02:42:05 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	8.218	168	152495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	305262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	323046	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	153001	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113453	53.233	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.460%
35) Dibromofluoromethane	8.165	113	92820	50.520	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.040%
50) Toluene-d8	10.565	98	333071	46.579	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.160%
62) 4-Bromofluorobenzene	12.847	95	154288	58.212	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	116.420%

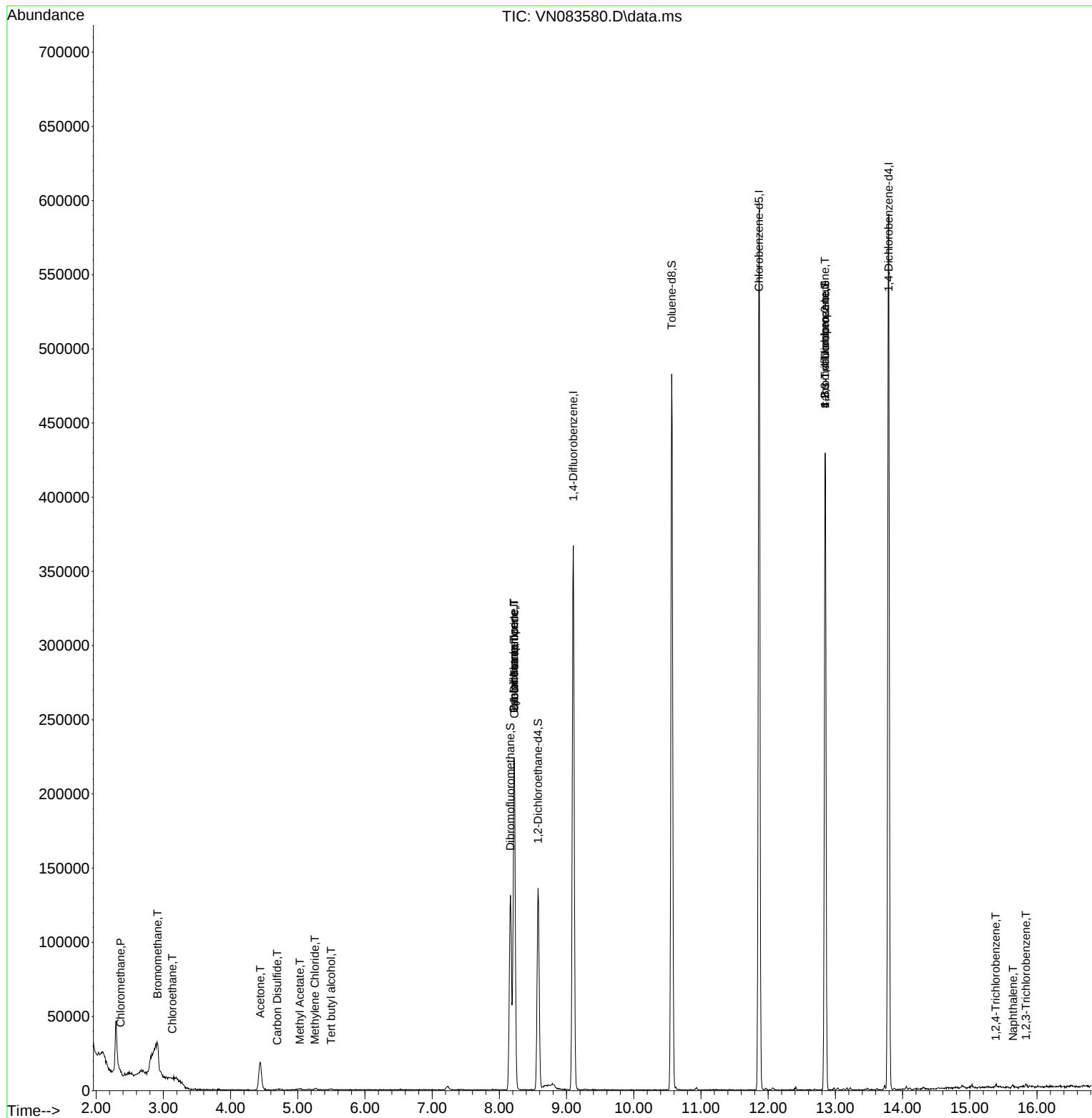
Target Compounds					Qvalue	
3) Chloromethane	2.365	50	1227	0.653	ug/l #	88
5) Bromomethane	2.912	94	627	0.634	ug/l #	60
6) Chloroethane	3.136	64	364	0.296	ug/l #	45
11) Tert butyl alcohol	5.494	59	300	0.903	ug/l #	71
16) Acetone	4.442	43	1492	1.755	ug/l #	45
17) Carbon Disulfide	4.694	76	1131	0.232	ug/l #	75
18) Methyl Acetate	5.030	43	1969	0.871	ug/l #	58
20) Methylene Chloride	5.253	84	589	0.314	ug/l #	48
31) Cyclohexane	8.218	56	3565	1.081	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	13998	4.995	ug/l #	51
38) Carbon Tetrachloride	8.224	117	17883	5.593	ug/l #	16
43) Isopropyl Acetate	8.688	43	3735	Below Cal	#	57
76) 1,2,3-Trichloropropane	12.847	75	83663	27.084	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	83663	63.879	ug/l #	9
93) 1,2,4-Trichlorobenzene	15.388	180	830	0.269	ug/l #	82
95) Naphthalene	15.647	128	1999	0.202	ug/l #	81
96) 1,2,3-Trichlorobenzene	15.835	180	920	0.299	ug/l #	65

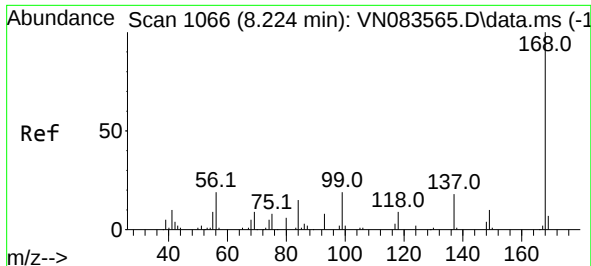
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
Data File : VN083580.D
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Sample : P3720-02
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Instrument :
MSVOA_N
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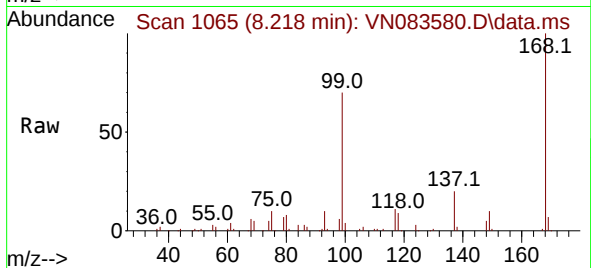
Quant Time: Aug 31 02:42:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 00:48:10 2024
Response via : Initial Calibration



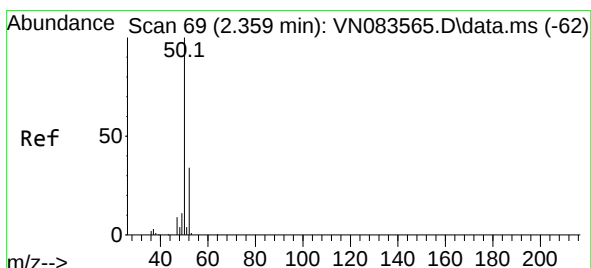
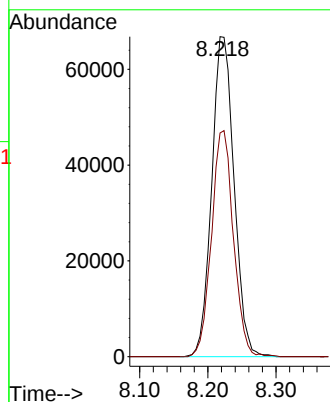
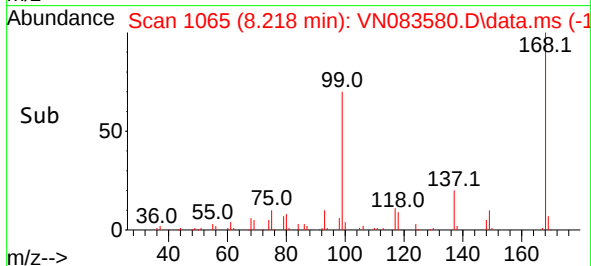


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN083580.D
Acq: 30 Aug 2024 17:09

Instrument :
MSVOA_N
ClientSampleId :

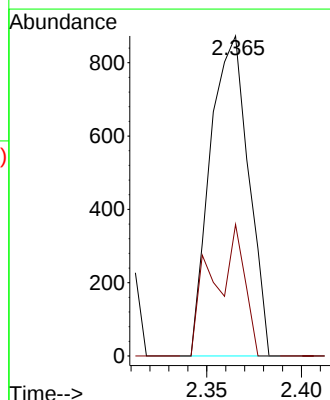
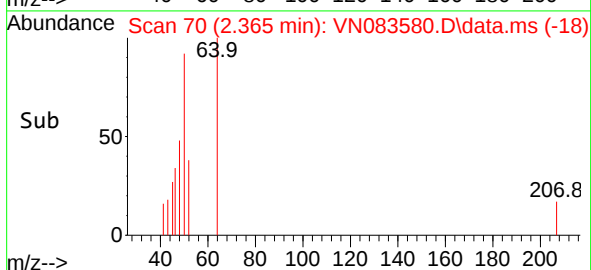
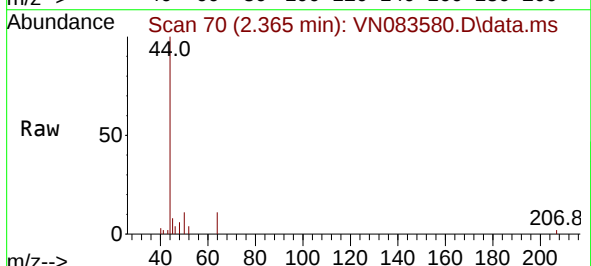


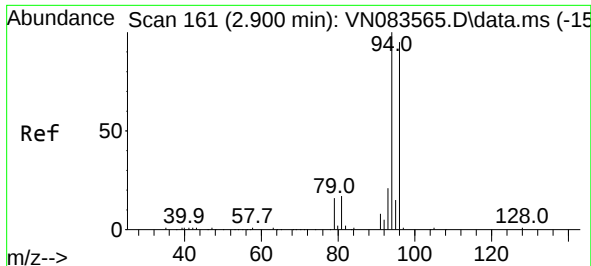
Tgt Ion:168 Resp: 152495
Ion Ratio Lower Upper
168 100
99 69.9 54.2 81.2



#3
Chloromethane
Concen: 0.653 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083580.D
Acq: 30 Aug 2024 17:09

Tgt Ion: 50 Resp: 1227
Ion Ratio Lower Upper
50 100
52 41.1 27.2 40.8#

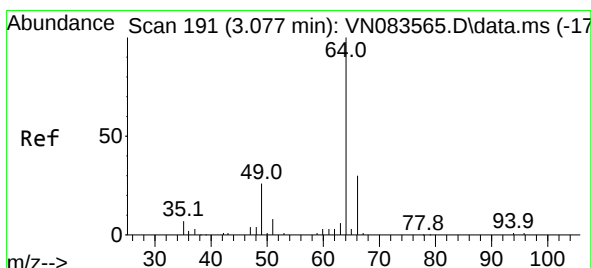
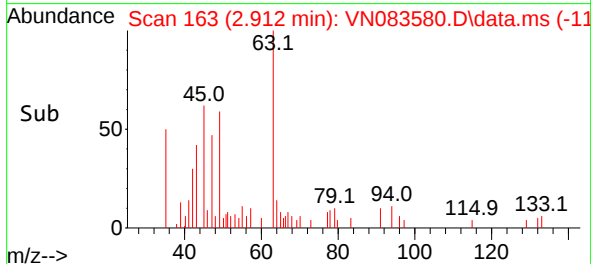
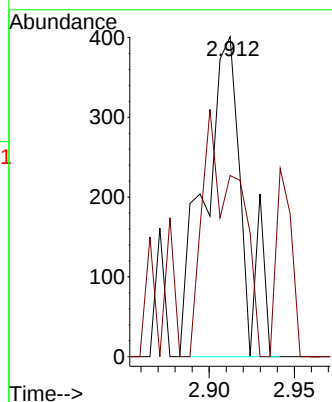
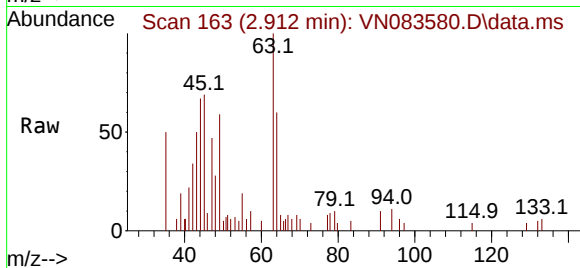




#5
Bromomethane
Concen: 0.634 ug/l
RT: 2.912 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN083580.D
Acq: 30 Aug 2024 17:09

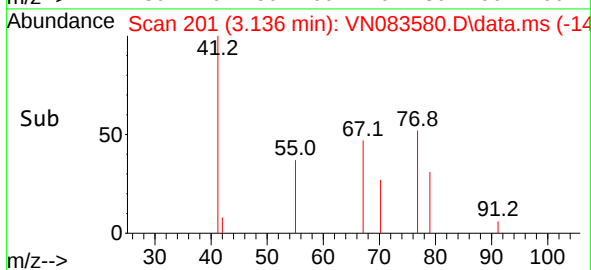
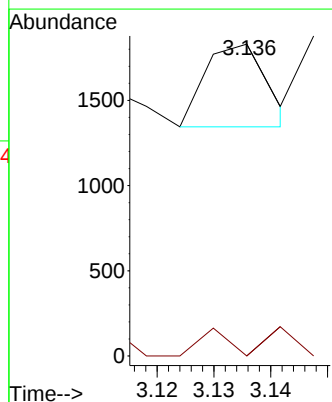
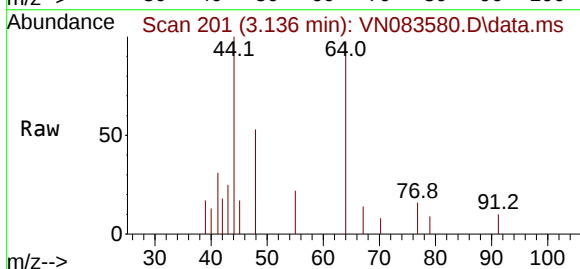
Instrument :
MSVOA_N
ClientSampleId :

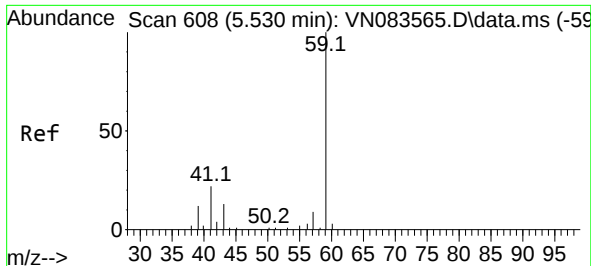
Tgt Ion: 94 Resp: 627
Ion Ratio Lower Upper
94 100
96 56.6 76.0 114.0#



#6
Chloroethane
Concen: 0.296 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.059 min
Lab File: VN083580.D
Acq: 30 Aug 2024 17:09

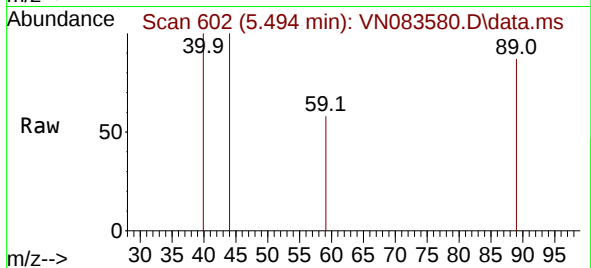
Tgt Ion: 64 Resp: 364
Ion Ratio Lower Upper
64 100
66 0.0 23.9 35.9#



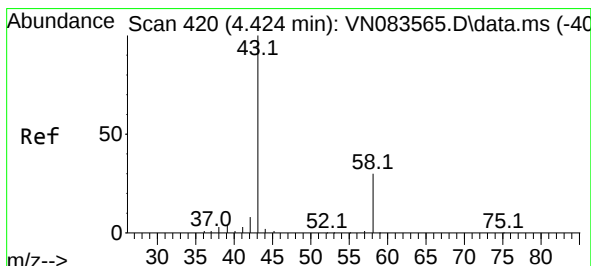
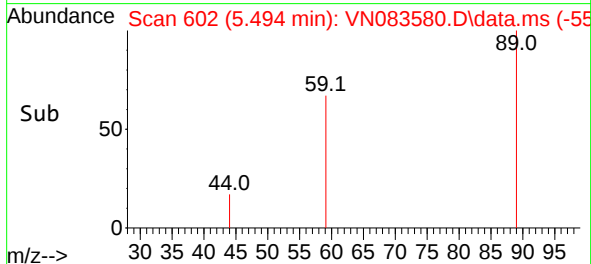
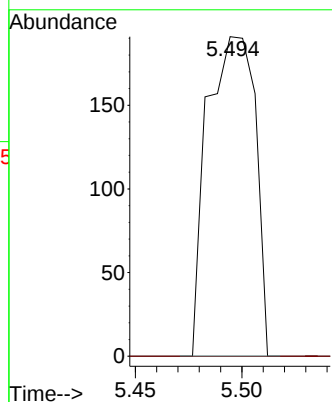


#11
Tert butyl alcohol
Concen: 0.903 ug/l
RT: 5.494 min Scan# 608
Delta R.T. -0.035 min
Lab File: VN083580.D
Acq: 30 Aug 2024 17:09

Instrument :
MSVOA_N
ClientSampleId :

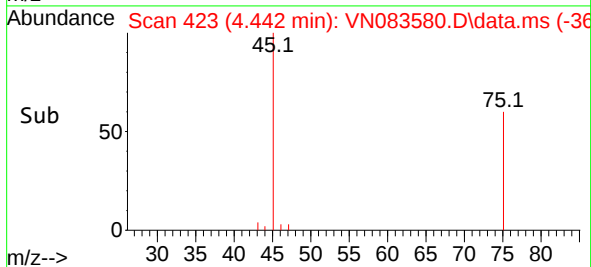
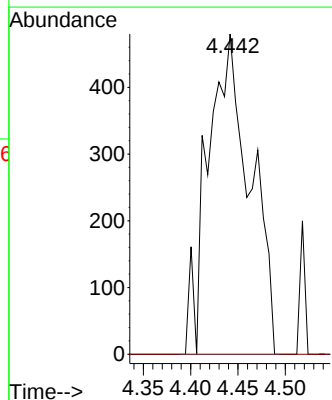
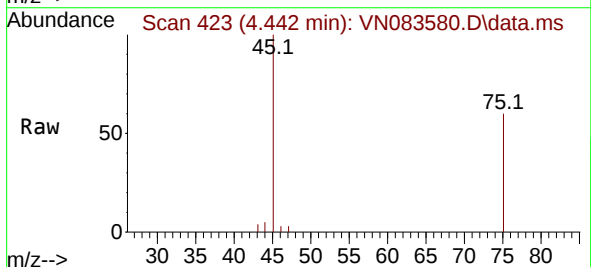


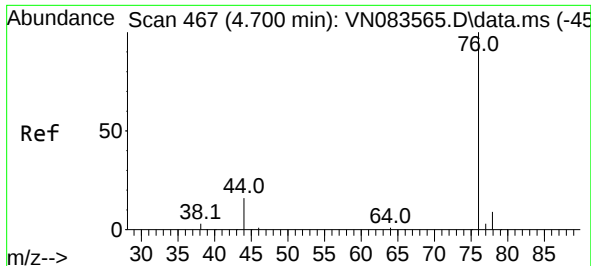
Tgt Ion: 59 Resp: 300
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#16
Acetone
Concen: 1.755 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN083580.D
Acq: 30 Aug 2024 17:09

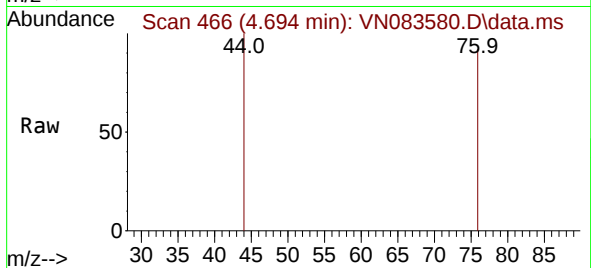
Tgt Ion: 43 Resp: 1492
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



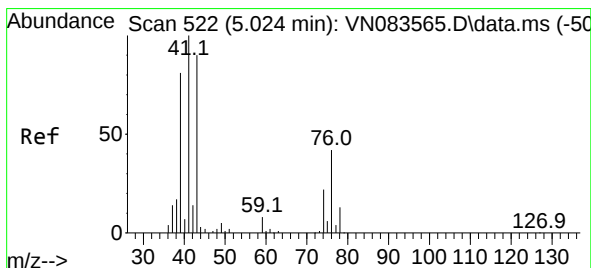
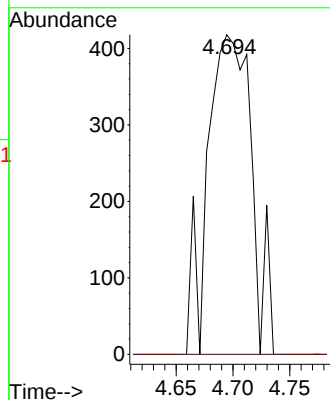
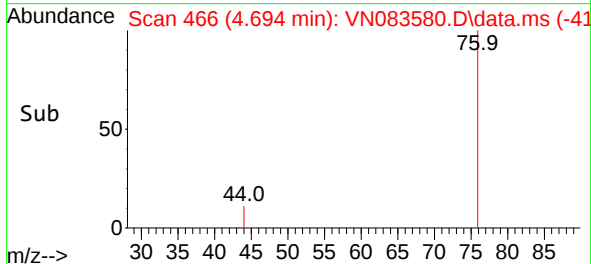


#17
Carbon Disulfide
Concen: 0.232 ug/l
RT: 4.694 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN083580.D
Acq: 30 Aug 2024 17:09

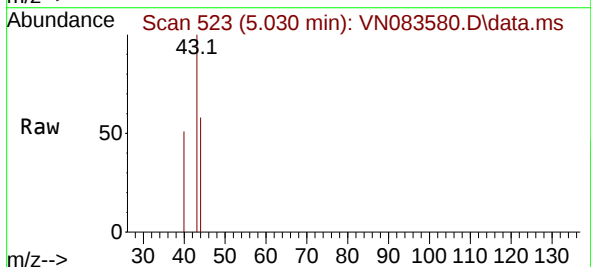
Instrument :
MSVOA_N
ClientSampleId :



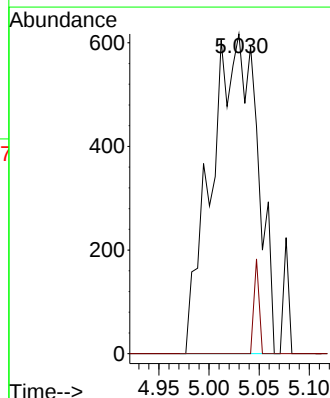
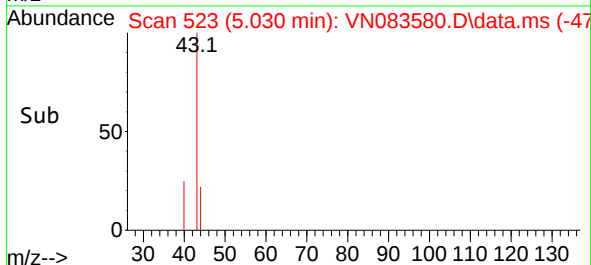
Tgt Ion: 76 Resp: 1131
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#

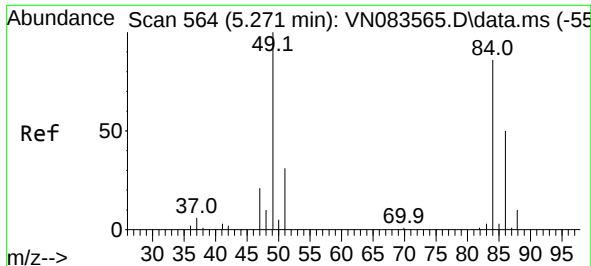


#18
Methyl Acetate
Concen: 0.871 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN083580.D
Acq: 30 Aug 2024 17:09



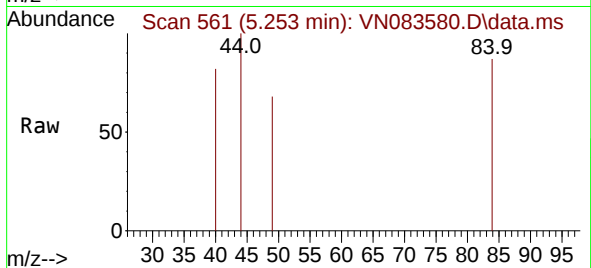
Tgt Ion: 43 Resp: 1969
Ion Ratio Lower Upper
43 100
74 3.3 19.0 28.4#



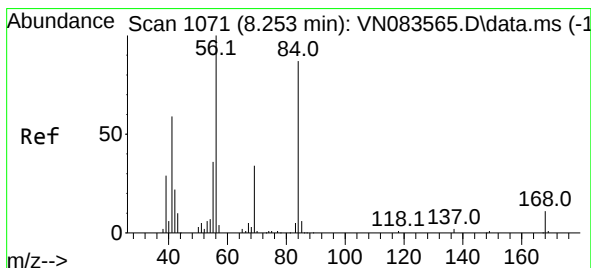
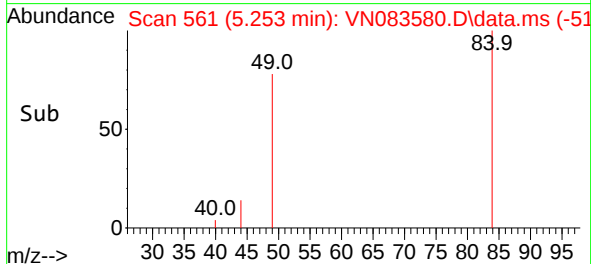
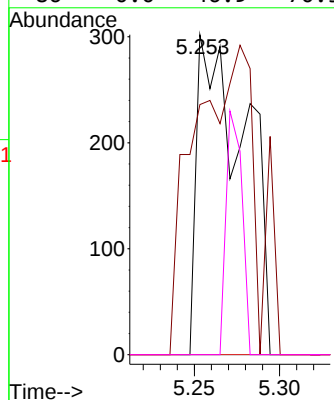


#20
Methylene Chloride
Concen: 0.314 ug/l
RT: 5.253 min Scan# 51
Delta R.T. -0.018 min
Lab File: VN083580.D
Acq: 30 Aug 2024 17:09

Instrument :
MSVOA_N
ClientSampleId :

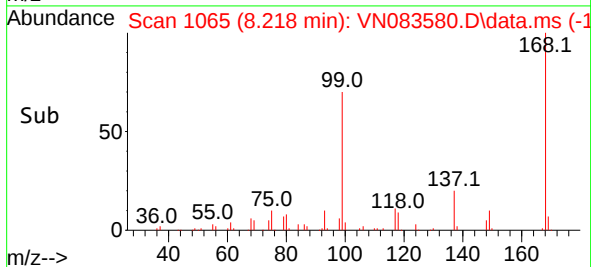
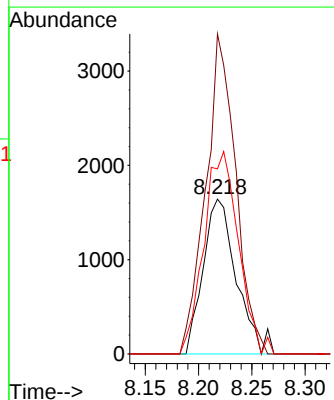
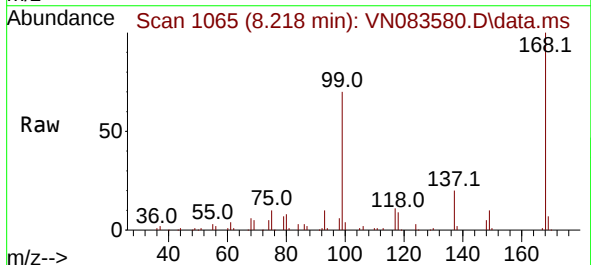


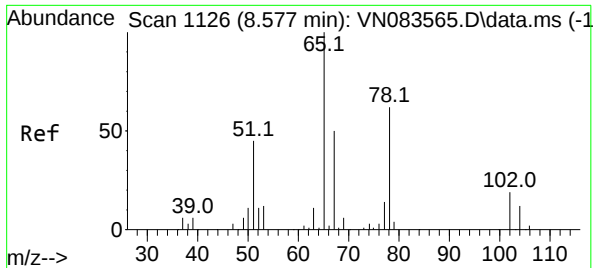
Tgt Ion: 84	Resp: 589
Ion Ratio	Lower Upper
84 100	
49 78.1	93.4 140.0#
51 0.0	29.2 43.8#
86 0.0	46.9 70.3#



#31
Cyclohexane
Concen: 1.081 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN083580.D
Acq: 30 Aug 2024 17:09

Tgt Ion: 56	Resp: 3565
Ion Ratio	Lower Upper
56 100	
69 206.7	26.9 40.3#
84 119.5	69.2 103.8#





#33

1,2-Dichloroethane-d4

Concen: 53.233 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083580.D

Acq: 30 Aug 2024 17:09

Instrument :

MSVOA_N

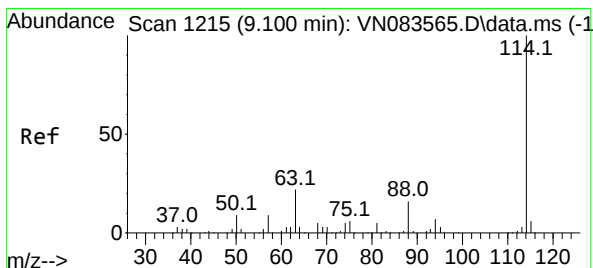
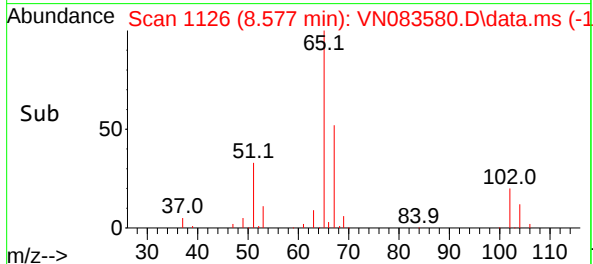
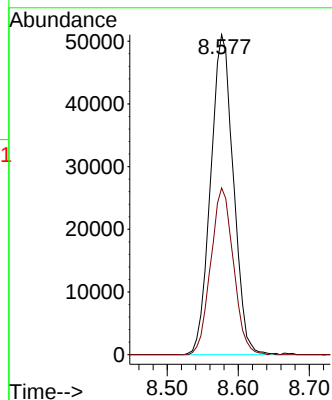
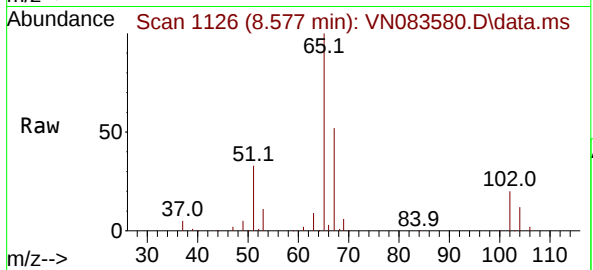
ClientSampleId :

Tgt Ion: 65 Resp: 113453

Ion Ratio Lower Upper

65 100

67 51.9 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: VN083580.D

Acq: 30 Aug 2024 17:09

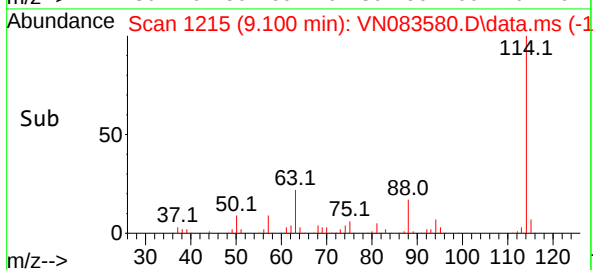
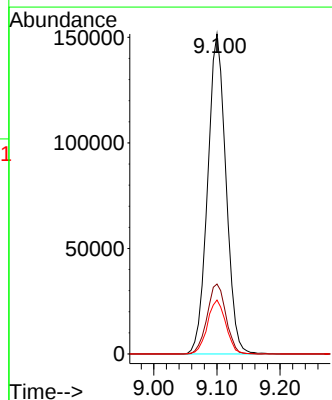
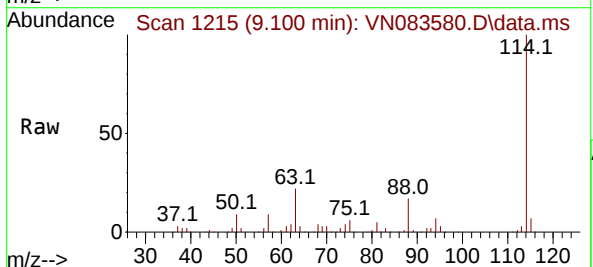
Tgt Ion: 114 Resp: 305262

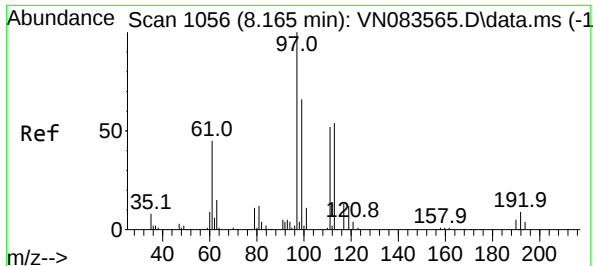
Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.4

88 16.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.520 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083580.D

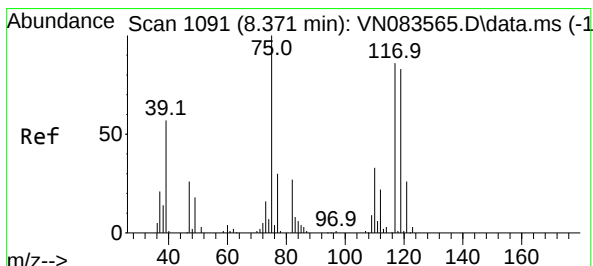
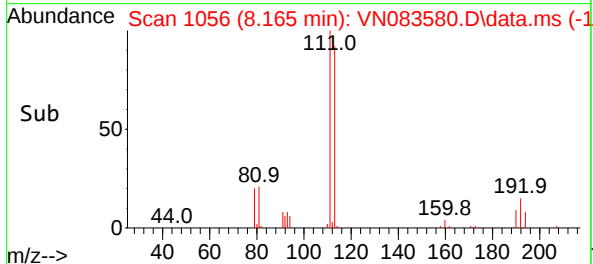
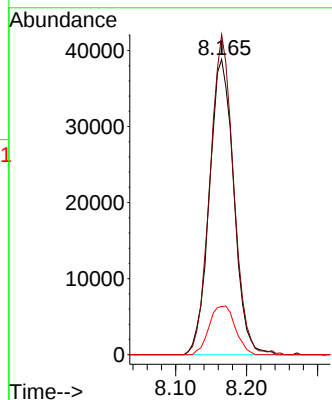
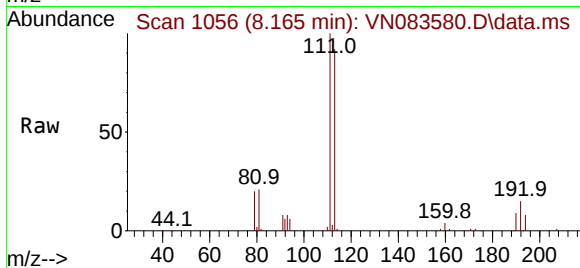
Acq: 30 Aug 2024 17:09

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:113	Resp:	92820
Ion	Ratio	Lower Upper
113	100	
111	104.5	82.6 124.0
192	17.6	14.3 21.5



#36

1,1-Dichloropropene

Concen: 4.995 ug/l

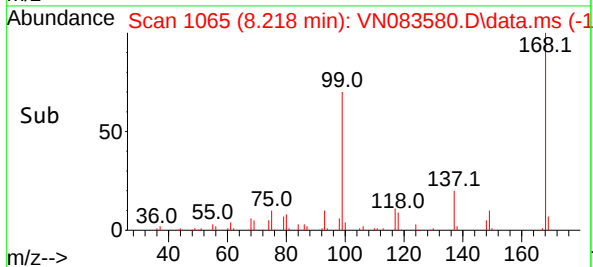
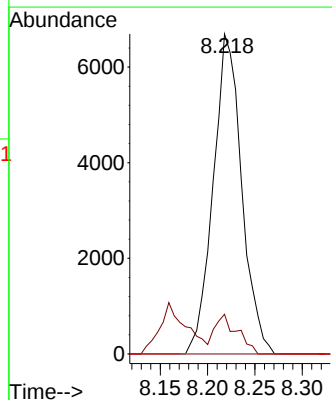
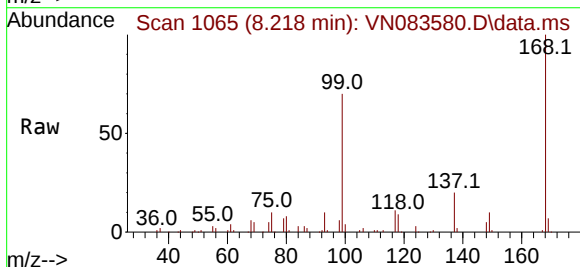
RT: 8.218 min Scan# 1065

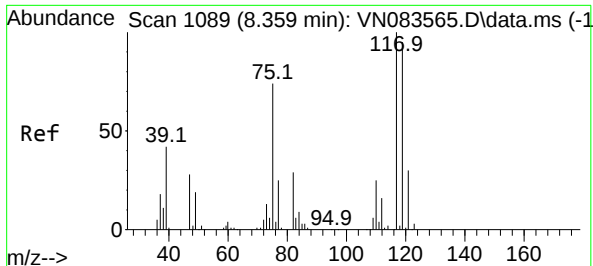
Delta R.T. -0.153 min

Lab File: VN083580.D

Acq: 30 Aug 2024 17:09

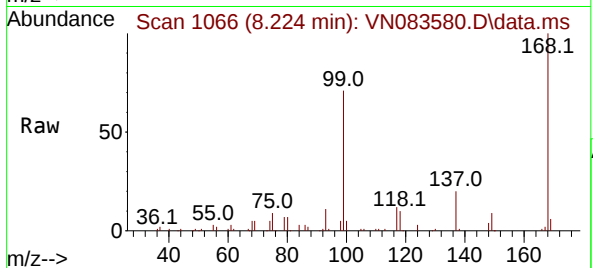
Tgt Ion: 75	Resp:	13998
Ion	Ratio	Lower Upper
75	100	
110	9.7	16.7 50.1#
77	0.0	25.2 37.8#



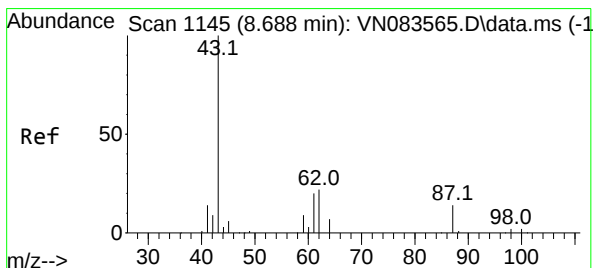
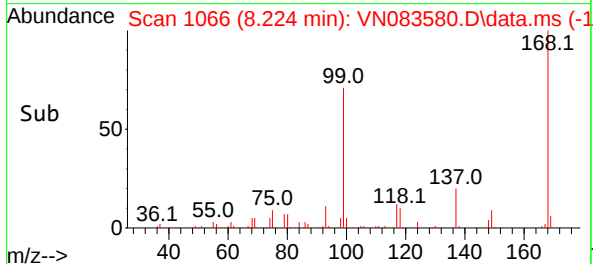
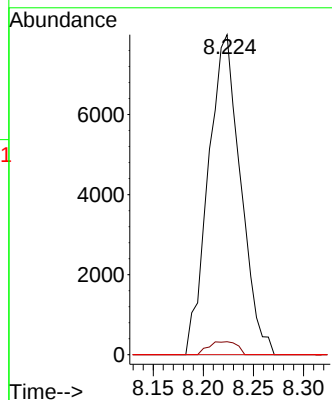


#38
Carbon Tetrachloride
Concen: 5.593 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN083580.D
Acq: 30 Aug 2024 17:09

Instrument :
MSVOA_N
ClientSampleId :

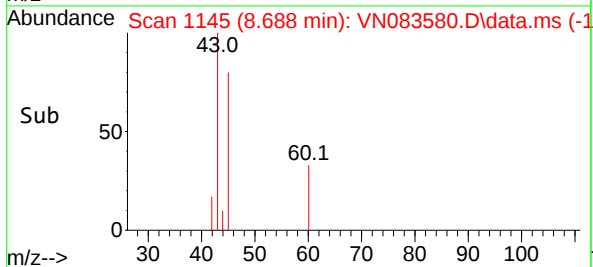
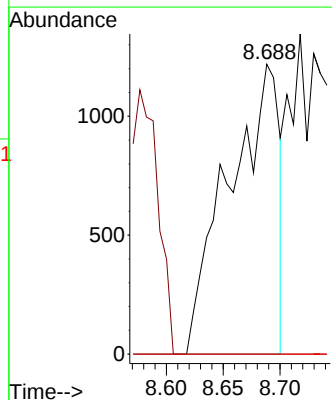
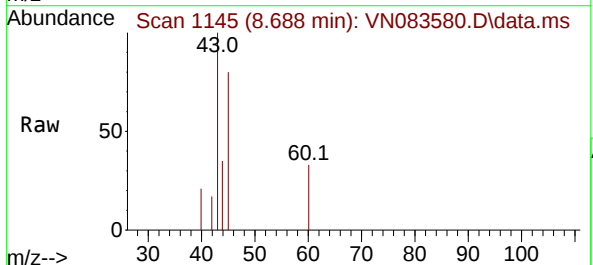


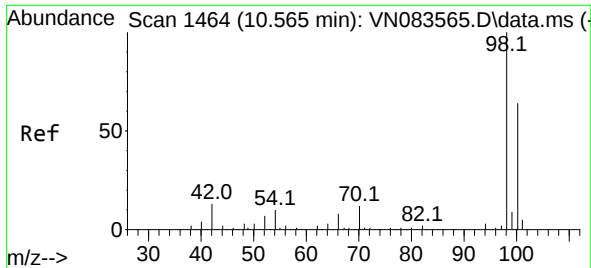
Tgt Ion:117 Resp: 17883
Ion Ratio Lower Upper
117 100
119 4.1 76.1 114.1#
121 0.0 24.1 36.1#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083580.D
Acq: 30 Aug 2024 17:09

Tgt Ion: 43 Resp: 3735
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#

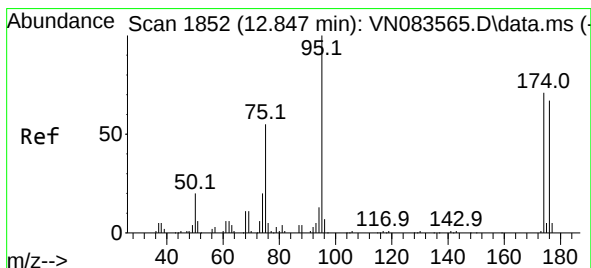
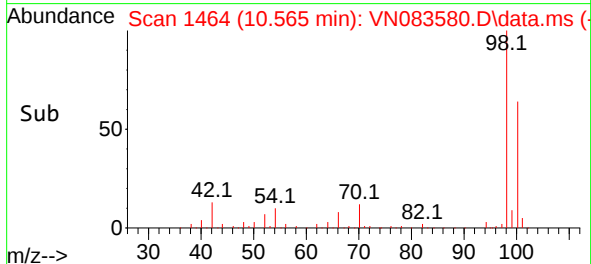
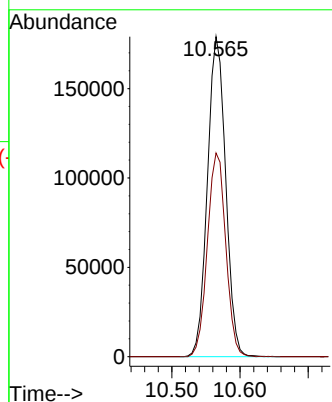
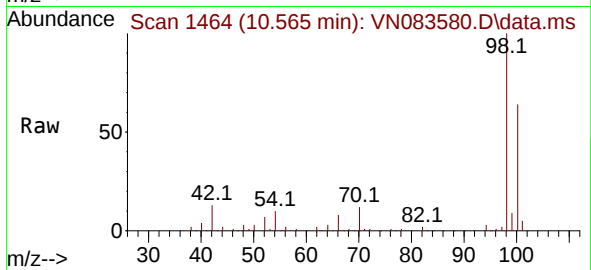




#50
Toluene-d8
Concen: 46.579 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083580.D
Acq: 30 Aug 2024 17:09

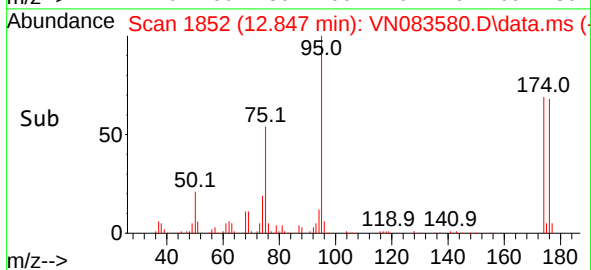
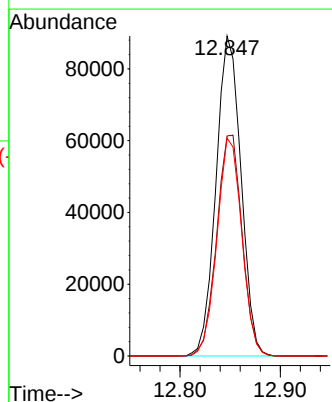
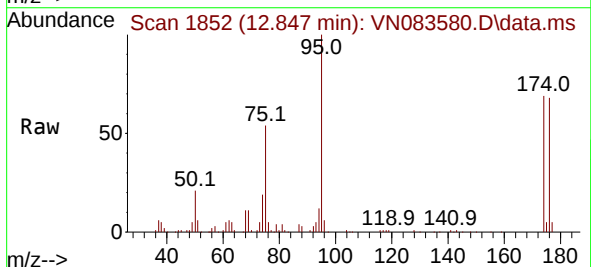
Instrument :
MSVOA_N
ClientSampleId :

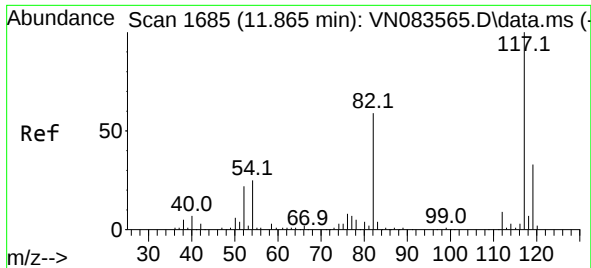
Tgt Ion: 98 Resp: 333071
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 58.212 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083580.D
Acq: 30 Aug 2024 17:09

Tgt Ion: 95 Resp: 154288
Ion Ratio Lower Upper
95 100
174 70.2 0.0 139.8
176 67.5 0.0 131.4

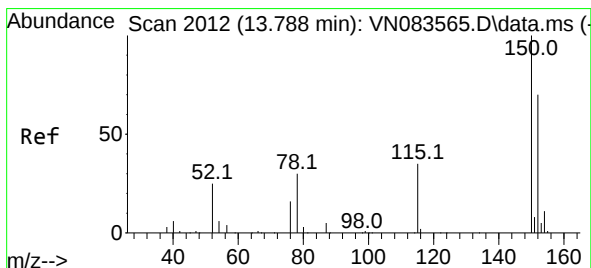
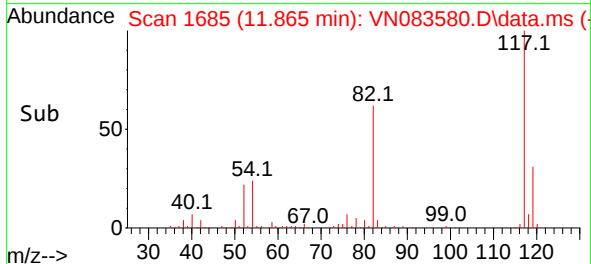
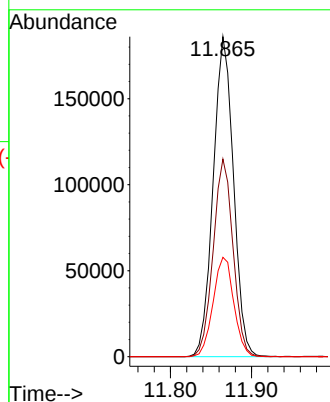
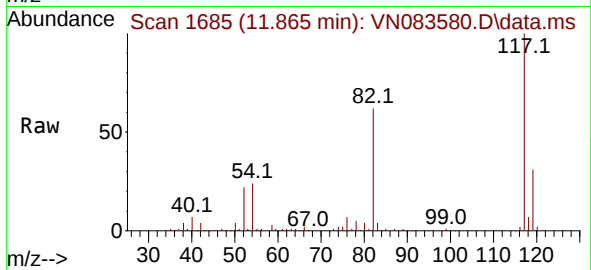




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN083580.D
Acq: 30 Aug 2024 17:09

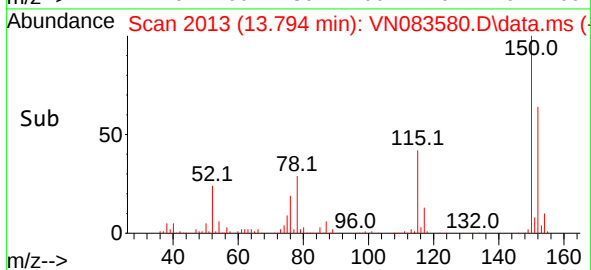
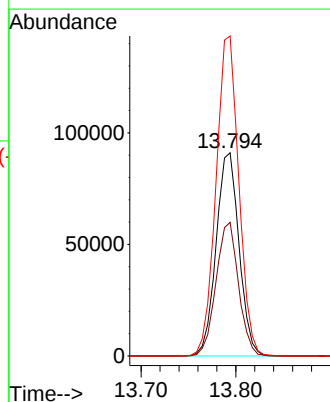
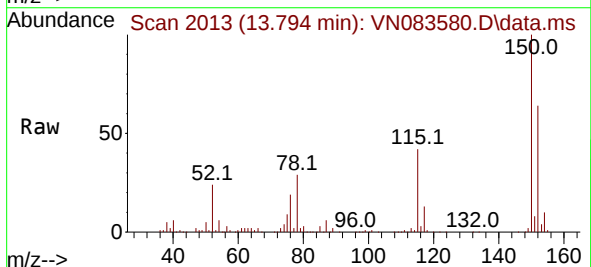
Instrument :
MSVOA_N
ClientSampleId :

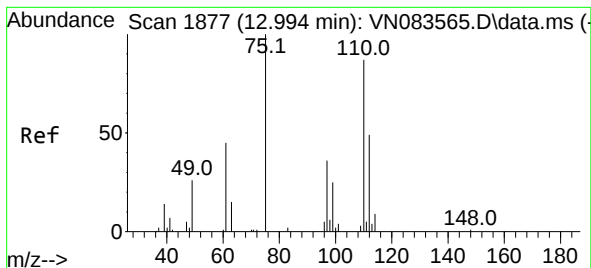
Tgt Ion:117 Resp: 323046
Ion Ratio Lower Upper
117 100
82 61.8 47.4 71.0
119 31.0 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN083580.D
Acq: 30 Aug 2024 17:09

Tgt Ion:152 Resp: 153001
Ion Ratio Lower Upper
152 100
115 64.6 32.2 96.6
150 156.7 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 27.084 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083580.D

Acq: 30 Aug 2024 17:09

Instrument :

MSVOA_N

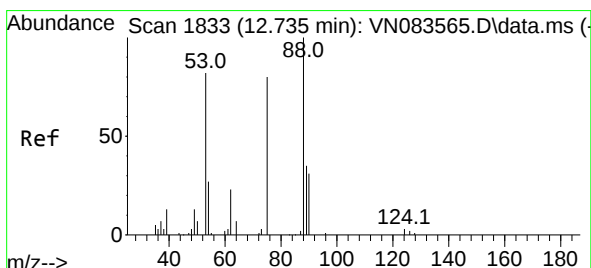
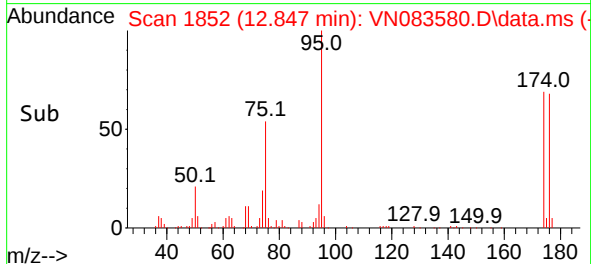
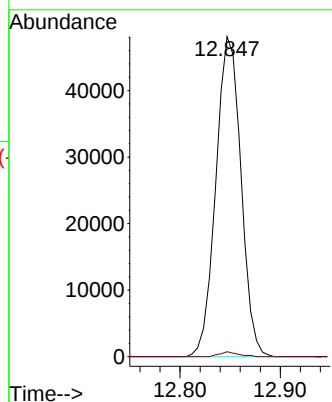
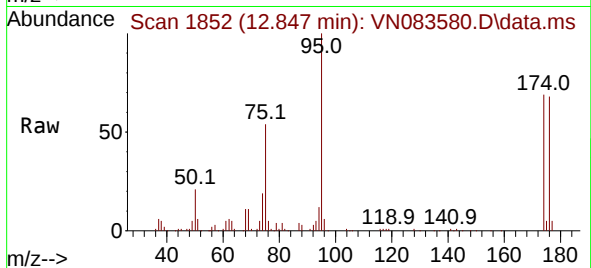
ClientSampleId :

Tgt Ion: 75 Resp: 83663

Ion Ratio Lower Upper

75 100

77 1.1 95.2 285.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.879 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN083580.D

Acq: 30 Aug 2024 17:09

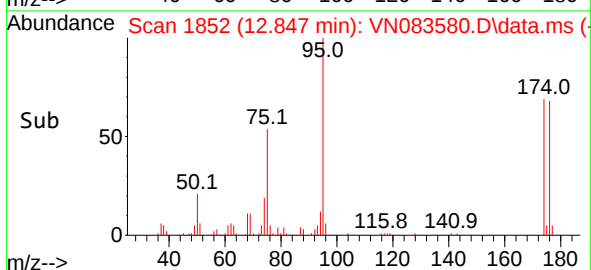
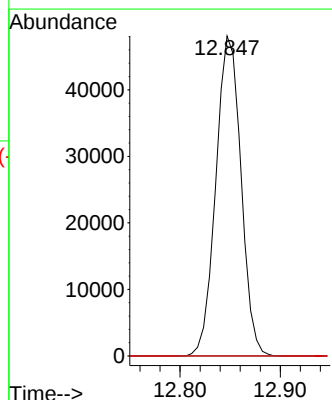
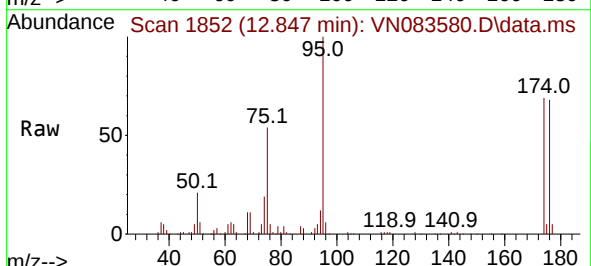
Tgt Ion: 75 Resp: 83663

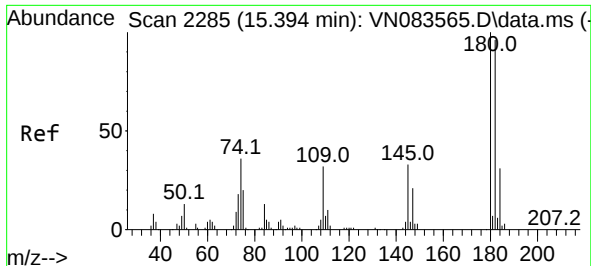
Ion Ratio Lower Upper

75 100

53 0.0 81.2 121.8#

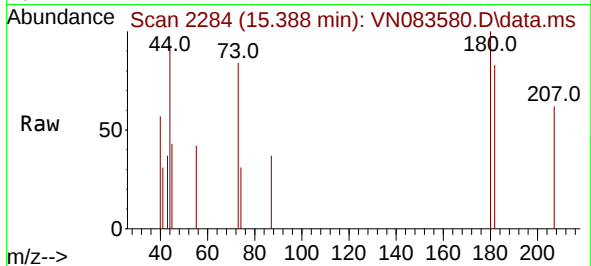
89 0.0 35.7 53.5#



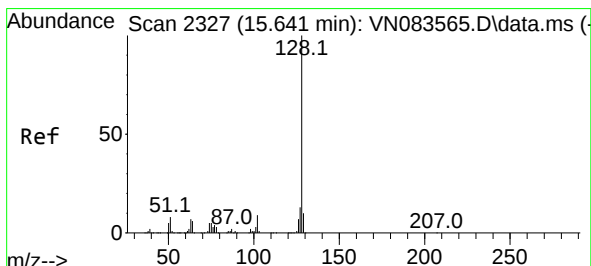
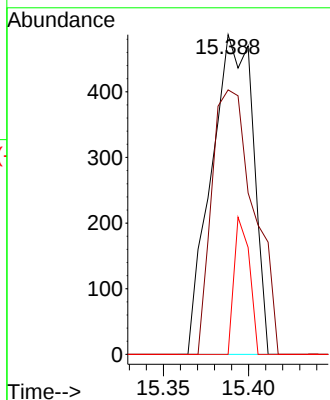
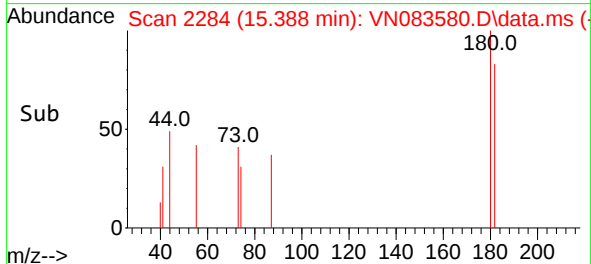


#93
1,2,4-Trichlorobenzene
Concen: 0.269 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN083580.D
Acq: 30 Aug 2024 17:09

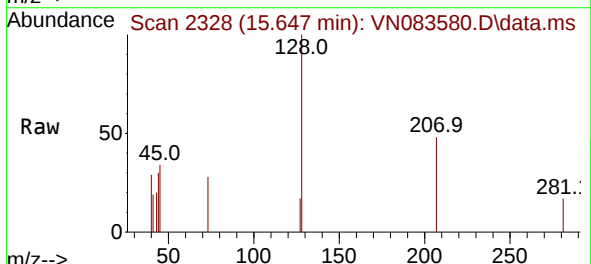
Instrument :
MSVOA_N
ClientSampleId :



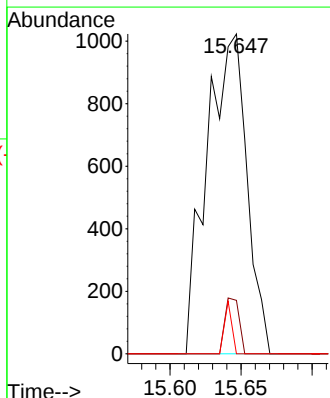
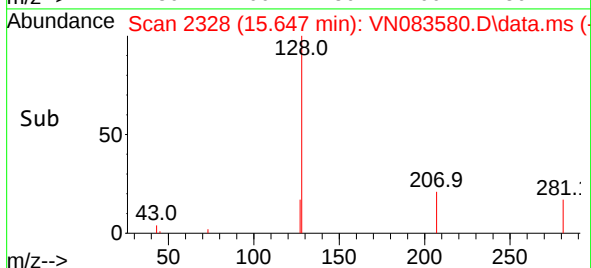
Tgt Ion:180 Resp: 830
Ion Ratio Lower Upper
180 100
182 83.4 48.1 144.3
145 15.8 16.9 50.7#

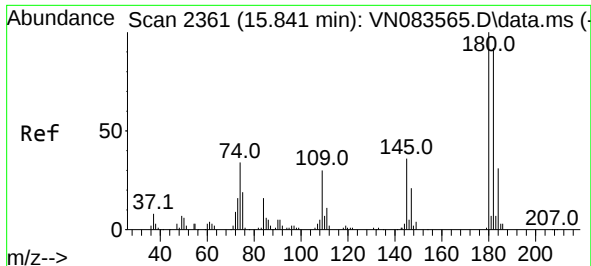


#95
Naphthalene
Concen: 0.202 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN083580.D
Acq: 30 Aug 2024 17:09



Tgt Ion:128 Resp: 1999
Ion Ratio Lower Upper
128 100
127 6.2 10.2 15.2#
129 3.0 8.7 13.1#





#96

1,2,3-Trichlorobenzene

Concen: 0.299 ug/l

RT: 15.835 min Scan# 21

Delta R.T. -0.006 min

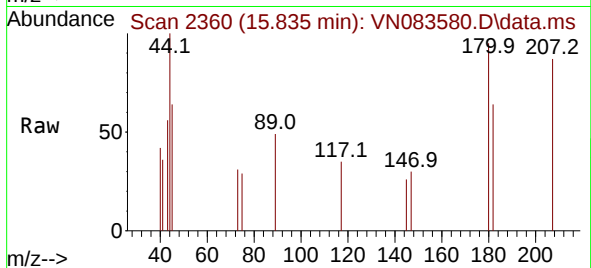
Lab File: VN083580.D

Acq: 30 Aug 2024 17:09

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:180 Resp: 920

Ion Ratio Lower Upper

180 100

182 66.4 47.1 141.4

145 5.8 17.8 53.5#

