

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071924\
 Data File : VN082980.D
 Acq On : 19 Jul 2024 10:50
 Operator : JC\MD
 Sample : VN0719MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719MBL01

Quant Time: Jul 22 02:02:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

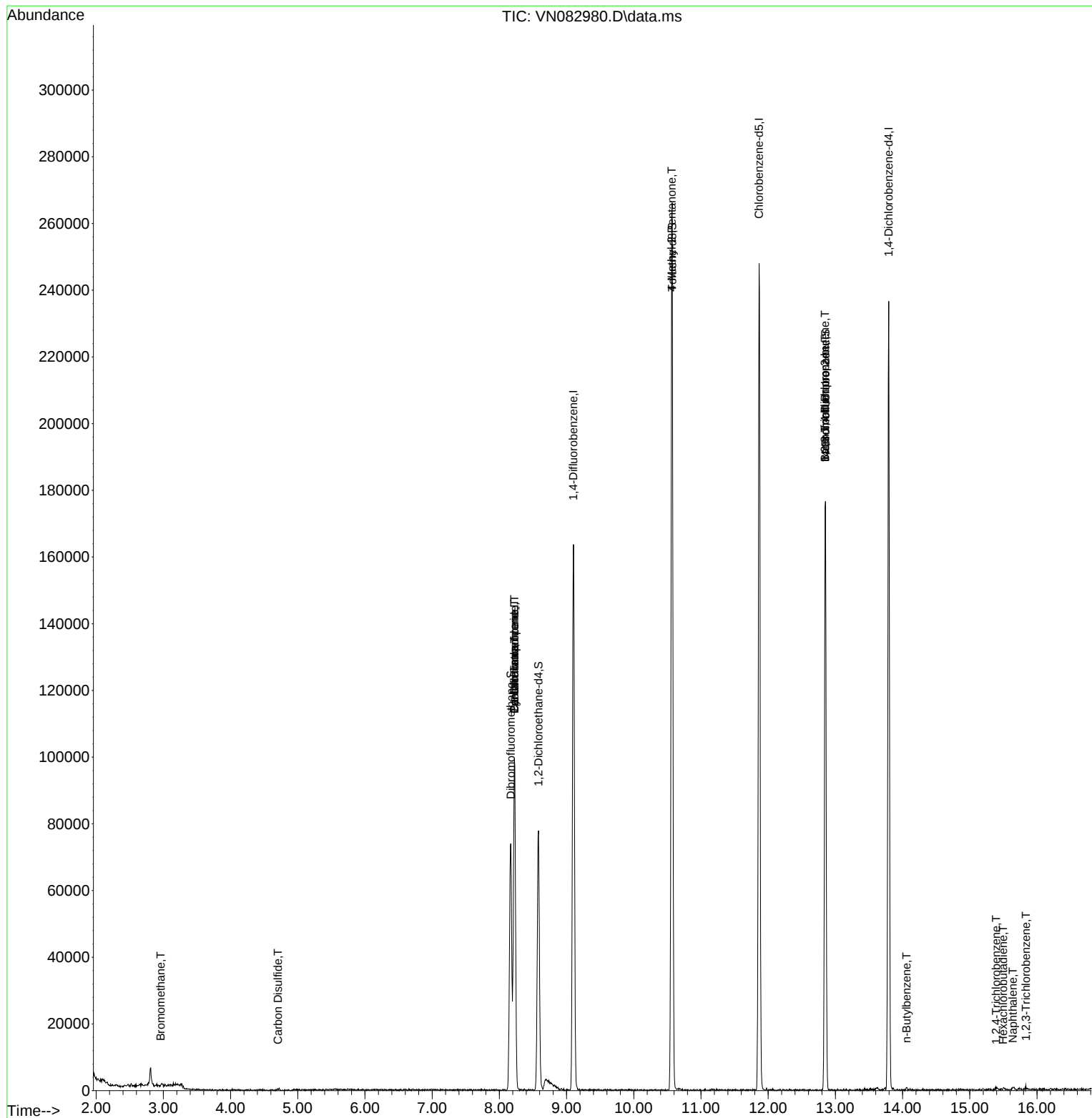
Internal Standards						
1) Pentafluorobenzene	8.224	168	70079	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	140830	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	140296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	58838	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	64987	66.154	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 132.300%#			
35) Dibromofluoromethane	8.171	113	52628	58.238	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 116.480%			
50) Toluene-d8	10.571	98	184424	55.255	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.520%			
62) 4-Bromofluorobenzene	12.853	95	56431	47.068	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 94.140%			
Target Compounds						Qvalue
5) Bromomethane	2.959	94	408	0.626	ug/l #	1
17) Carbon Disulfide	4.706	76	828	0.387	ug/l #	75
31) Cyclohexane	8.224	56	1881	1.465	ug/l #	24
36) 1,1-Dichloropropene	8.224	75	6688	5.368	ug/l #	51
38) Carbon Tetrachloride	8.224	117	7689	5.126	ug/l #	17
43) Isopropyl Acetate	8.700	43	3842	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	914	0.727	ug/l #	1
71) Bromoform	12.847	173	427	0.508	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	32169	31.712	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	32169	62.369	ug/l #	6
89) n-Butylbenzene	14.059	91	762	0.257	ug/l #	45
93) 1,2,4-Trichlorobenzene	15.394	180	415	0.398	ug/l #	27
94) Hexachlorobutadiene	15.494	225	263	0.569	ug/l #	76
95) Naphthalene	15.641	128	1254	0.351	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.835	180	309	0.288	ug/l #	49

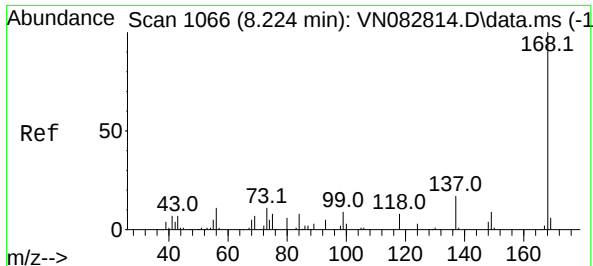
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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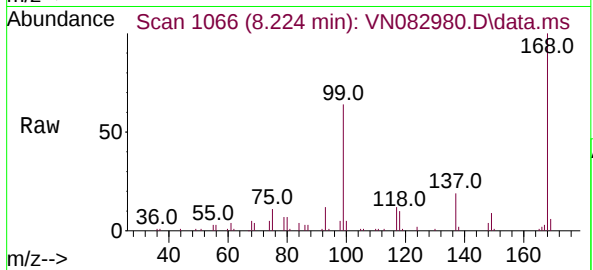
Quant Time: Jul 22 02:02:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration



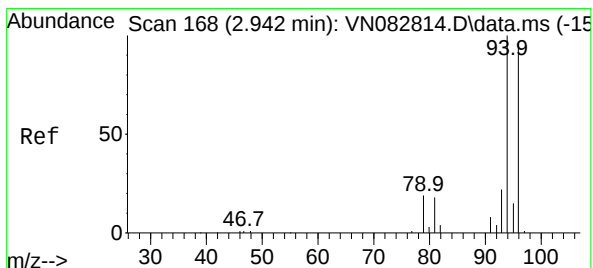
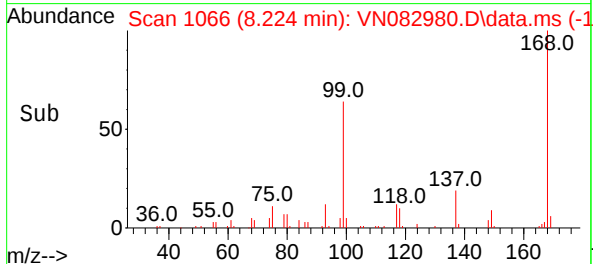
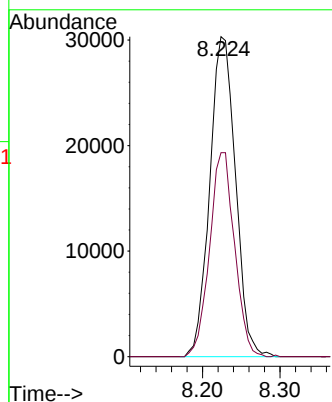


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN082980.D
Acq: 19 Jul 2024 10:50

Instrument :
MSVOA_N
ClientSampleId :
VN0719MBL01

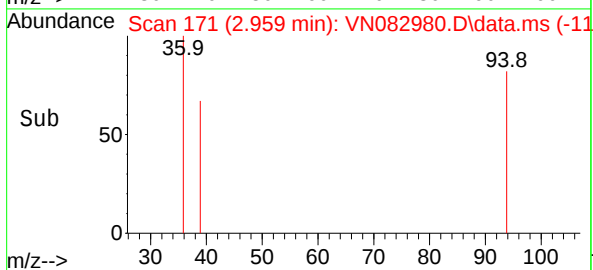
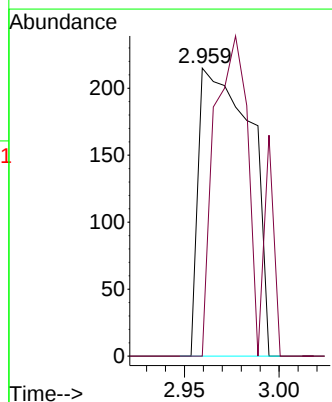
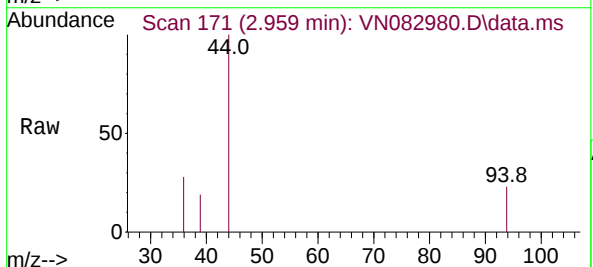


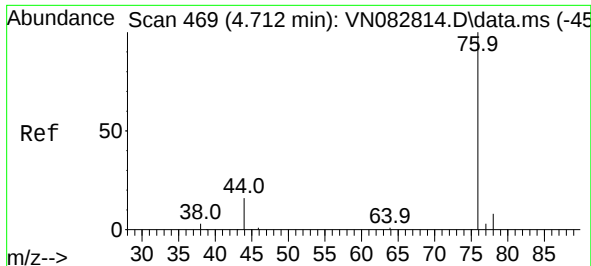
Tgt Ion:168 Resp: 70079
Ion Ratio Lower Upper
168 100
99 63.8 48.2 72.4



#5
Bromomethane
Concen: 0.626 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.012 min
Lab File: VN082980.D
Acq: 19 Jul 2024 10:50

Tgt Ion: 94 Resp: 408
Ion Ratio Lower Upper
94 100
96 0.0 78.0 117.0#

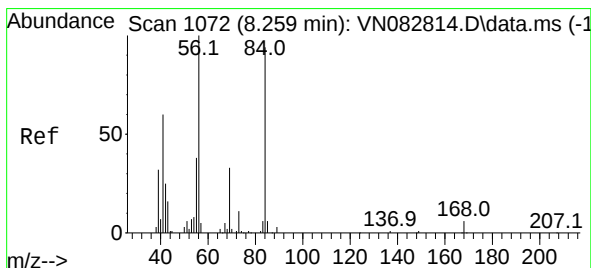
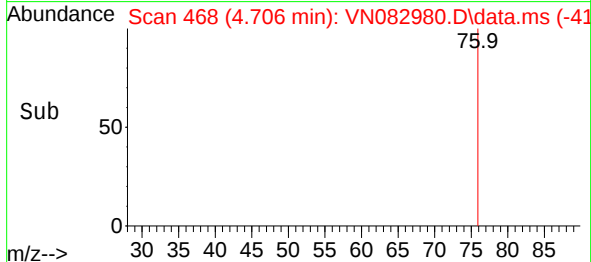
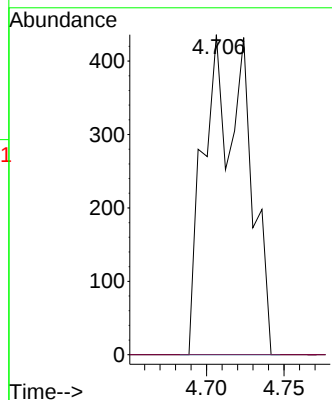
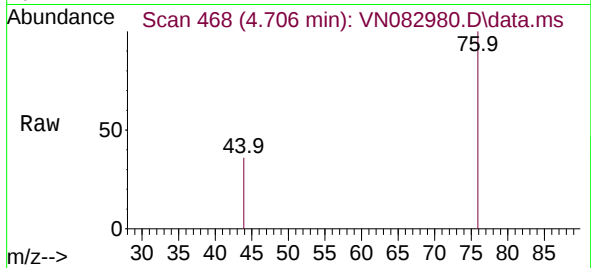




#17
Carbon Disulfide
Concen: 0.387 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN082980.D
Acq: 19 Jul 2024 10:50

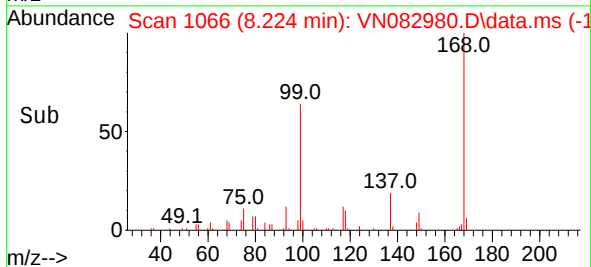
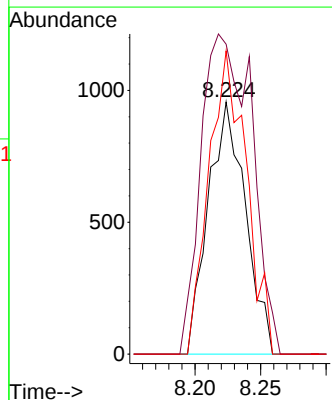
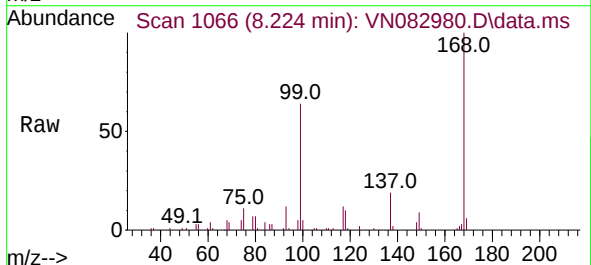
Instrument :
MSVOA_N
ClientSampleId :
VN0719MBL01

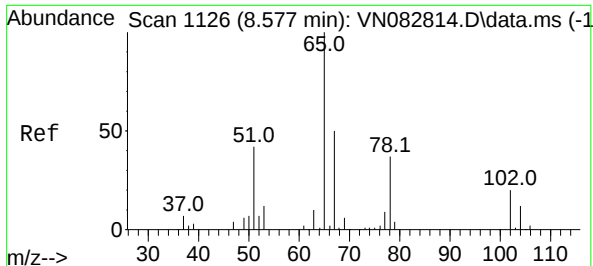
Tgt Ion: 76 Resp: 828
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#31
Cyclohexane
Concen: 1.465 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082980.D
Acq: 19 Jul 2024 10:50

Tgt Ion: 56 Resp: 1881
Ion Ratio Lower Upper
56 100
69 122.9 24.5 36.7#
84 120.3 66.0 99.0#

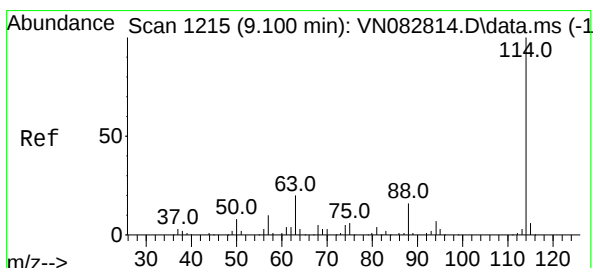
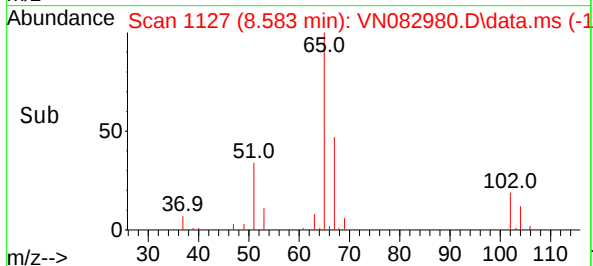
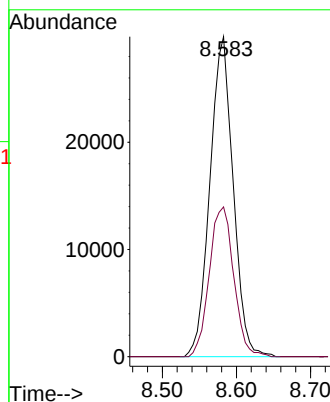
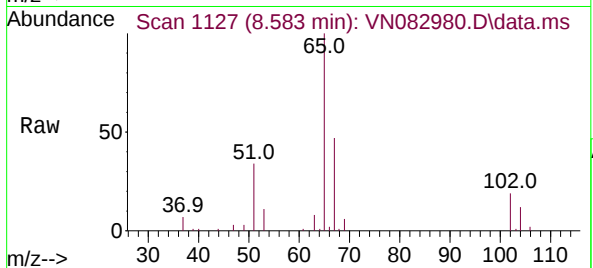




#33
1,2-Dichloroethane-d4
Concen: 66.154 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN082980.D
Acq: 19 Jul 2024 10:50

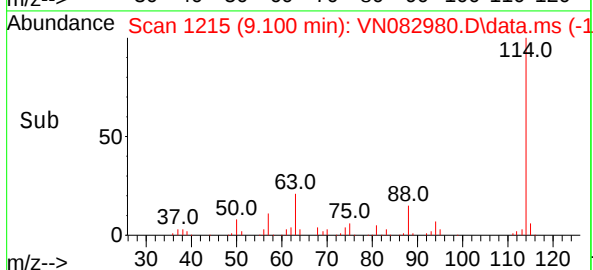
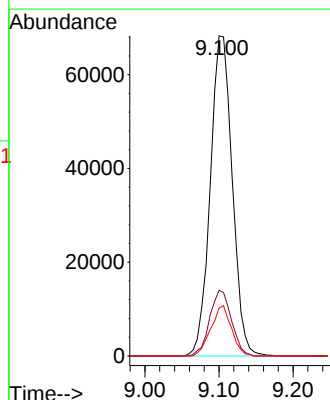
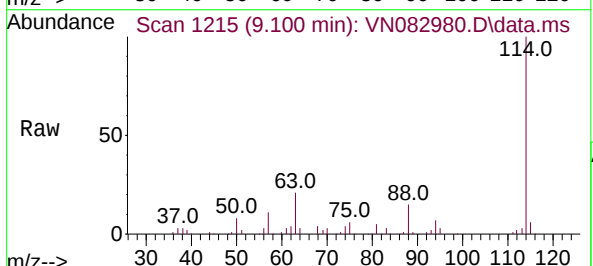
Instrument :
MSVOA_N
ClientSampleId :
VN0719MBL01

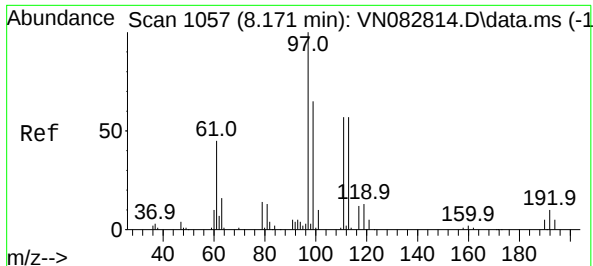
Tgt Ion: 65 Resp: 64987
Ion Ratio Lower Upper
65 100
67 49.3 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN082980.D
Acq: 19 Jul 2024 10:50

Tgt Ion: 114 Resp: 140830
Ion Ratio Lower Upper
114 100
63 20.6 0.0 44.6
88 15.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 58.238 ug/l

RT: 8.171 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082980.D

Acq: 19 Jul 2024 10:50

Instrument :

MSVOA_N

ClientSampleId :

VN0719MBL01

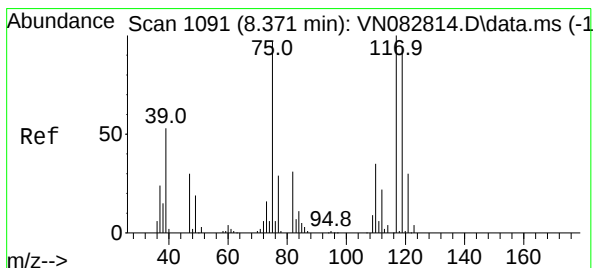
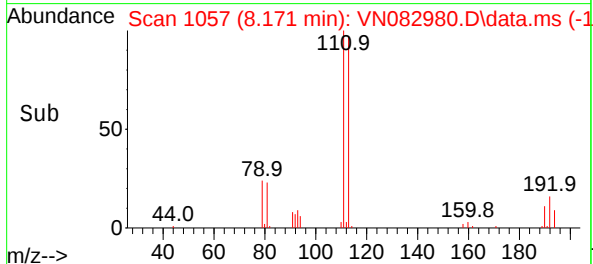
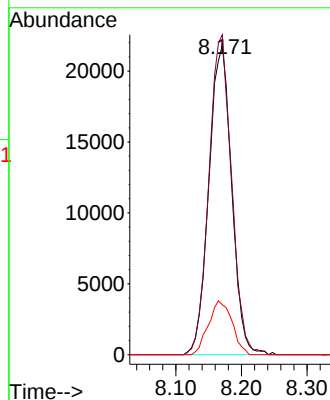
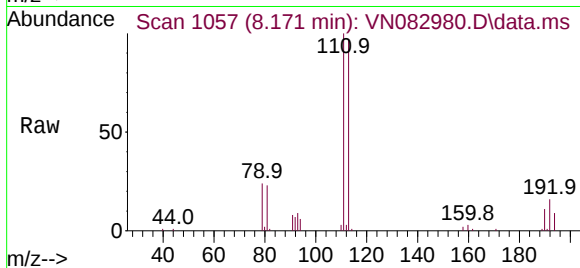
Tgt Ion:113 Resp: 52628

Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

192 18.1 14.9 22.3



#36

1,1-Dichloropropene

Concen: 5.368 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN082980.D

Acq: 19 Jul 2024 10:50

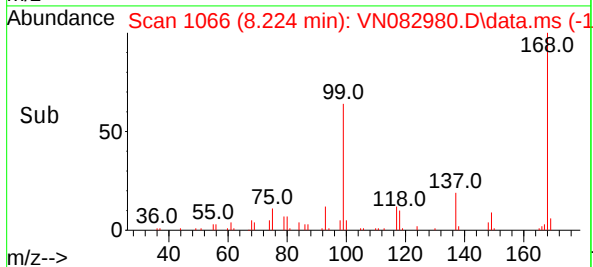
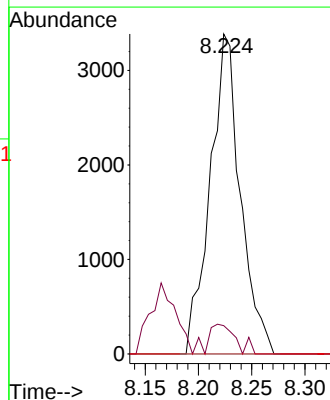
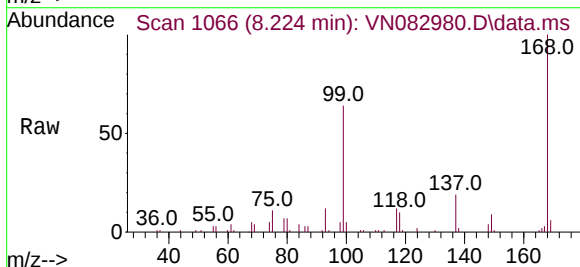
Tgt Ion: 75 Resp: 6688

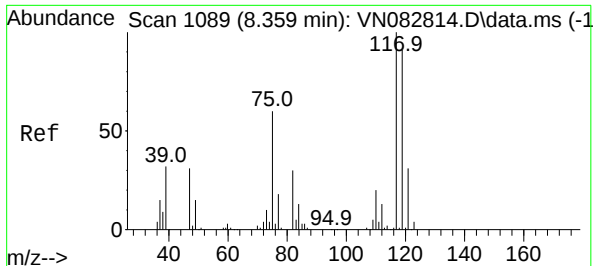
Ion Ratio Lower Upper

75 100

110 8.7 16.3 48.9#

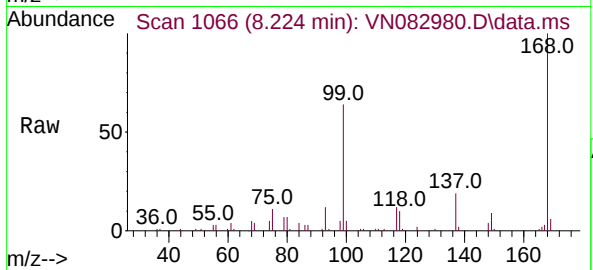
77 0.0 24.6 37.0#



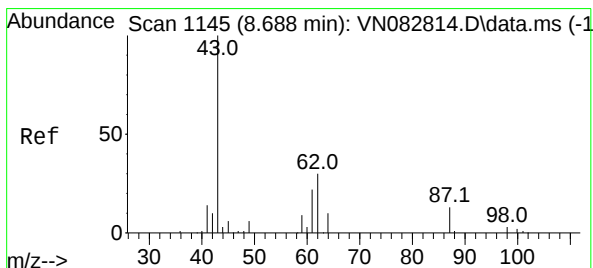
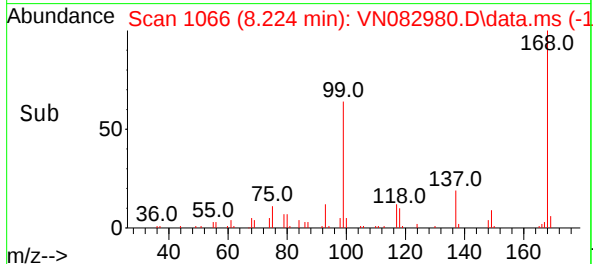
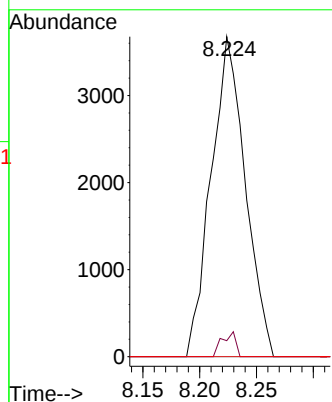


#38
Carbon Tetrachloride
Concen: 5.126 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.141 min
Lab File: VN082980.D
Acq: 19 Jul 2024 10:50

Instrument :
MSVOA_N
ClientSampleId :
VN0719MBL01

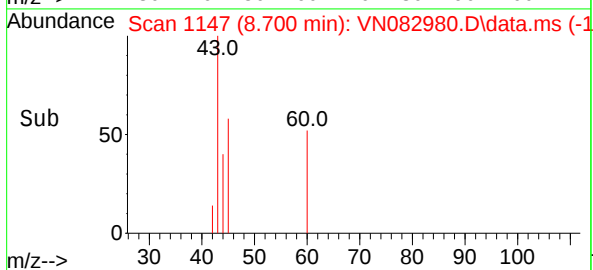
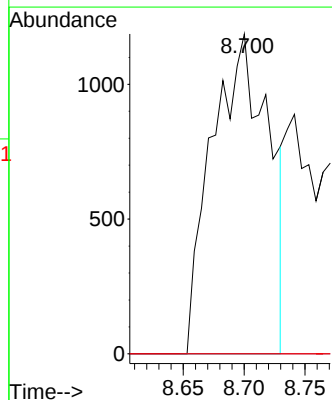
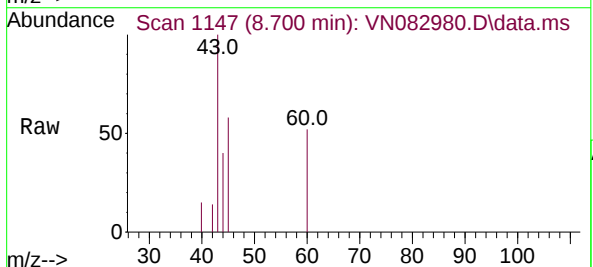


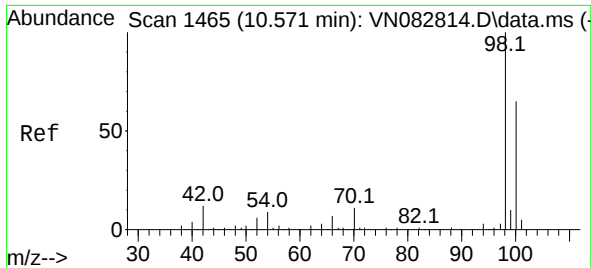
Tgt Ion:117 Resp: 7689
Ion Ratio Lower Upper
117 100
119 5.0 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN082980.D
Acq: 19 Jul 2024 10:50

Tgt Ion: 43 Resp: 3842
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#





#50

Toluene-d8

Concen: 55.255 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN082980.D

Acq: 19 Jul 2024 10:50

Instrument :

MSVOA_N

ClientSampleId :

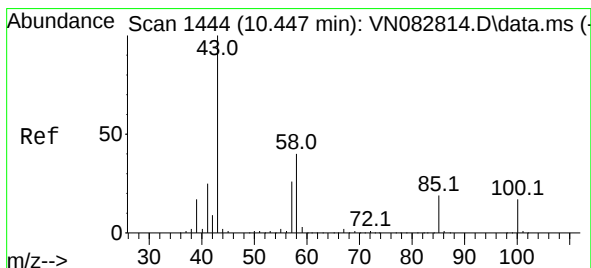
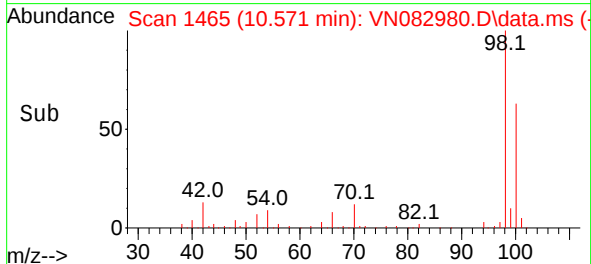
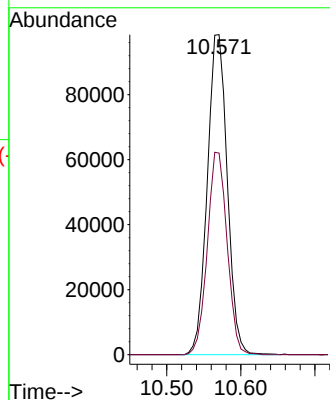
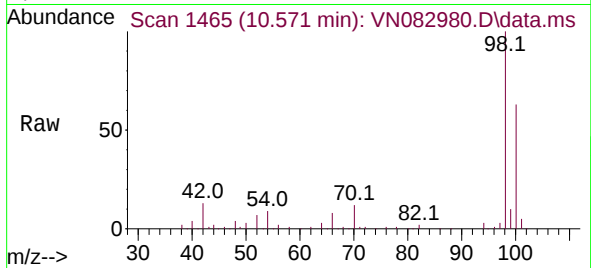
VN0719MBL01

Tgt Ion: 98 Resp: 184424

Ion Ratio Lower Upper

98 100

100 62.5 51.5 77.3



#51

4-Methyl-2-Pentanone

Concen: 0.727 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.118 min

Lab File: VN082980.D

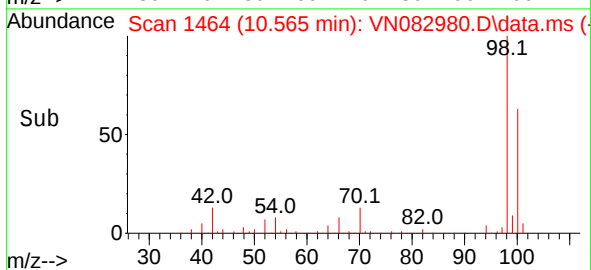
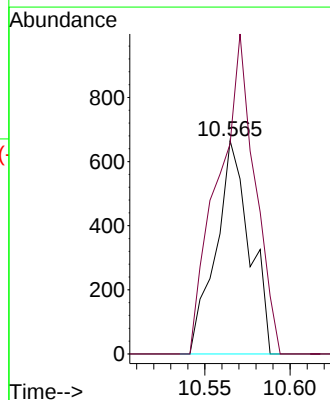
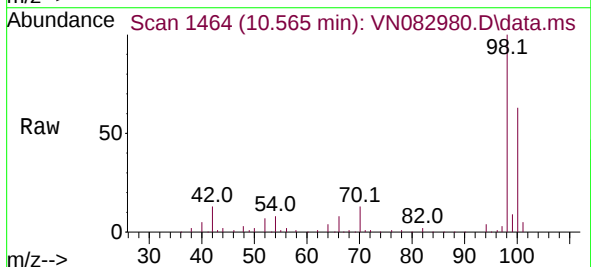
Acq: 19 Jul 2024 10:50

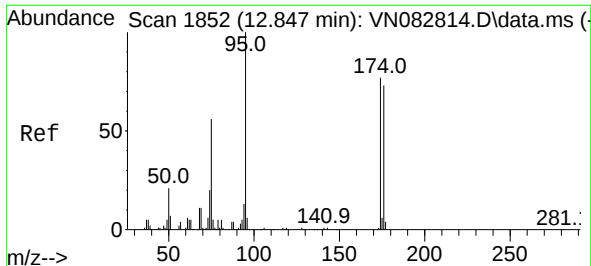
Tgt Ion: 43 Resp: 914

Ion Ratio Lower Upper

43 100

58 163.0 28.2 42.4#





#62

4-Bromofluorobenzene

Concen: 47.068 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082980.D

Acq: 19 Jul 2024 10:50

Instrument :

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ClientSampleId :

VN0719MBL01

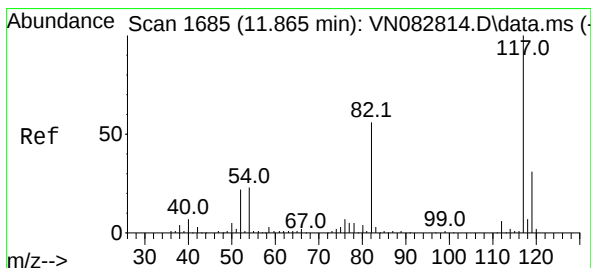
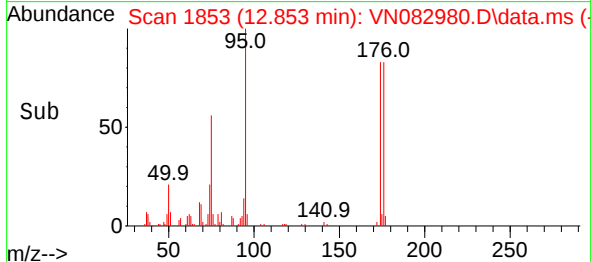
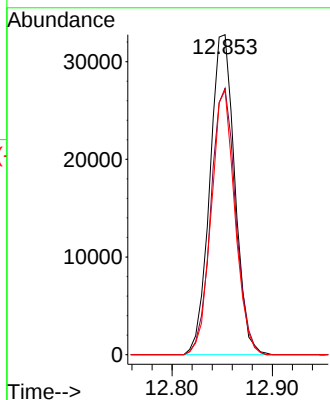
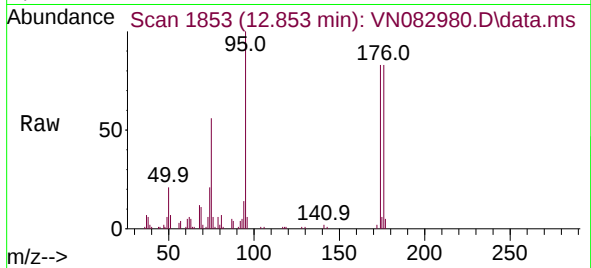
Tgt Ion: 95 Resp: 56431

Ion Ratio Lower Upper

95 100

174 82.6 0.0 159.2

176 78.3 0.0 147.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. -0.005 min

Lab File: VN082980.D

Acq: 19 Jul 2024 10:50

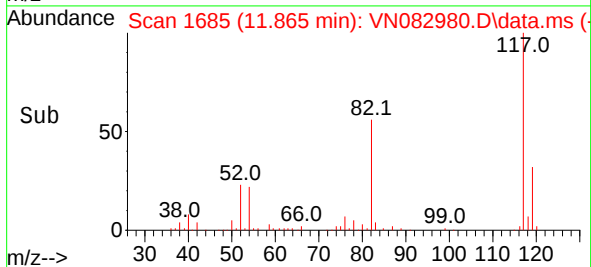
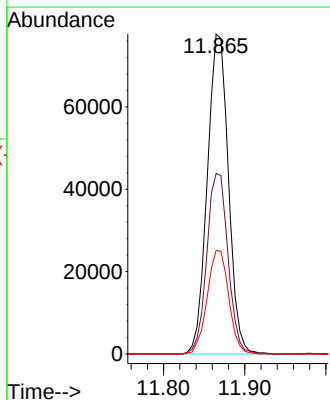
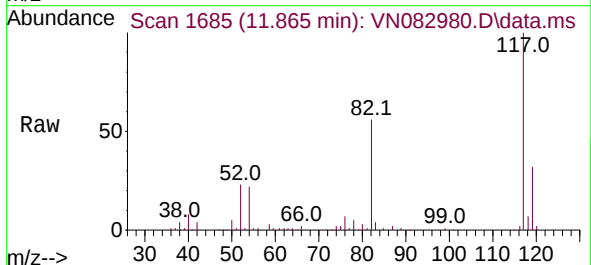
Tgt Ion: 117 Resp: 140296

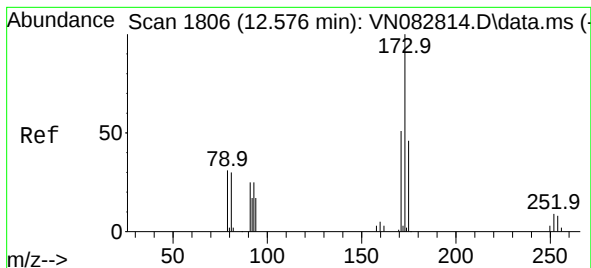
Ion Ratio Lower Upper

117 100

82 56.4 47.5 71.3

119 32.4 25.6 38.4





#71

Bromoform

Concen: 0.508 ug/l

RT: 12.847 min Scan# 1806

Delta R.T. 0.265 min

Lab File: VN082980.D

Acq: 19 Jul 2024 10:50

Instrument :

MSVOA_N

ClientSampleId :

VN0719MBL01

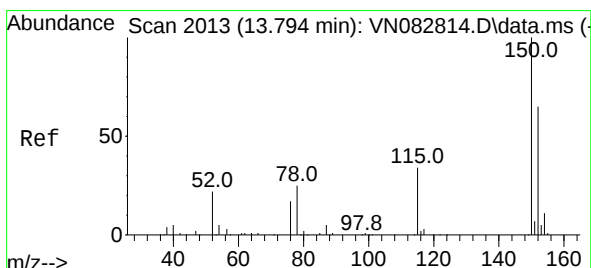
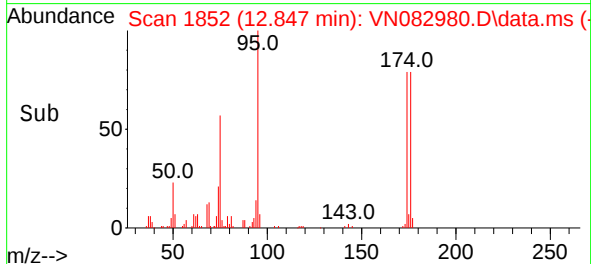
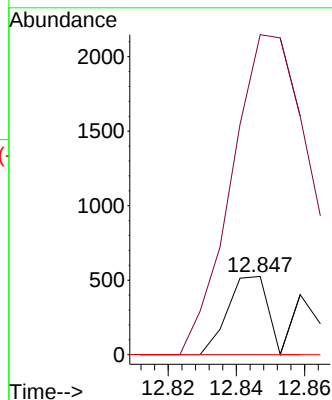
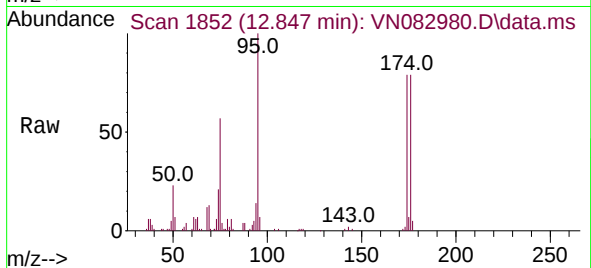
Tgt Ion:173 Resp: 427

Ion Ratio Lower Upper

173 100

175 697.2 24.0 72.0#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN082980.D

Acq: 19 Jul 2024 10:50

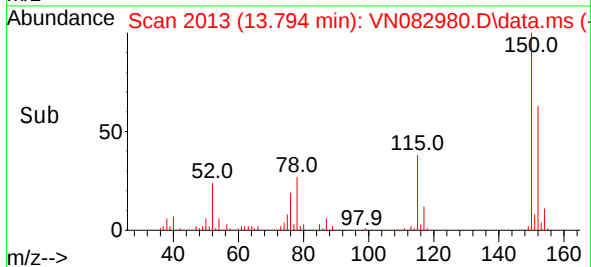
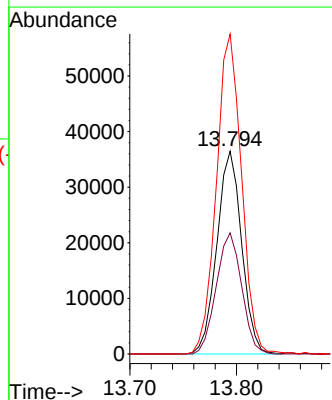
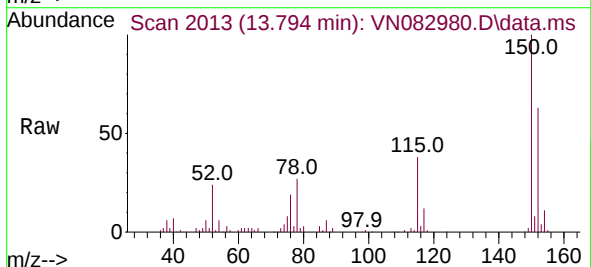
Tgt Ion:152 Resp: 58838

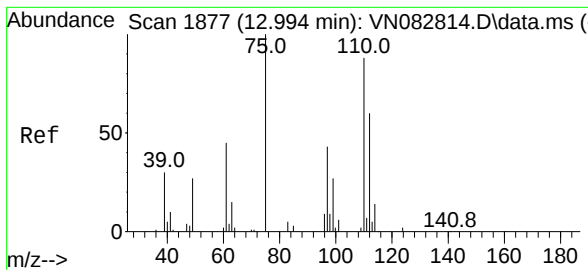
Ion Ratio Lower Upper

152 100

115 61.1 30.6 91.6

150 160.3 0.0 348.6

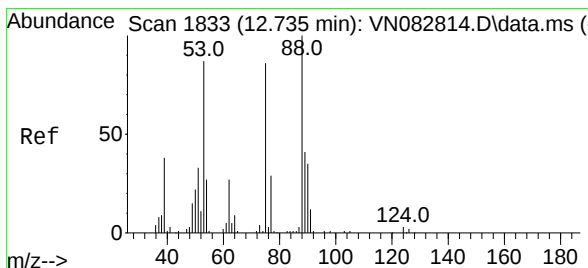
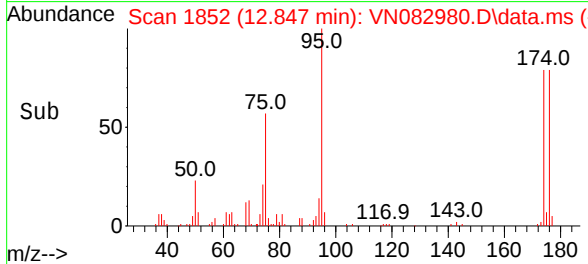
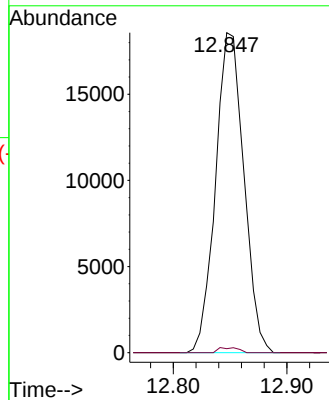
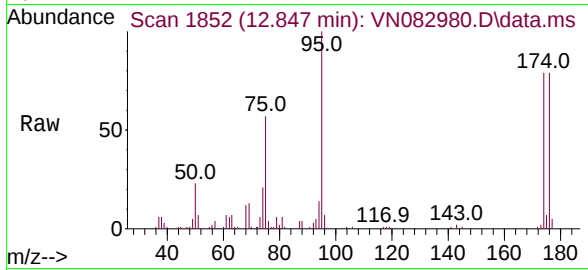




#76
1,2,3-Trichloropropane
Concen: 31.712 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082980.D
Acq: 19 Jul 2024 10:50

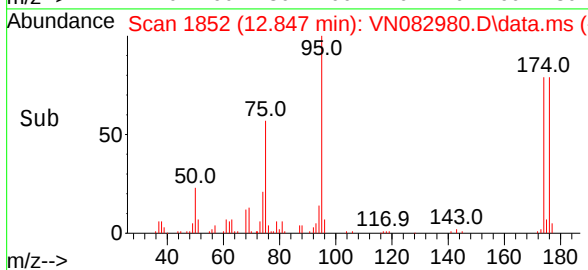
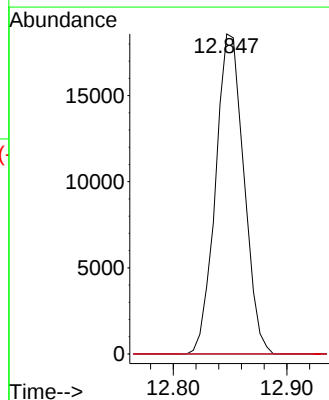
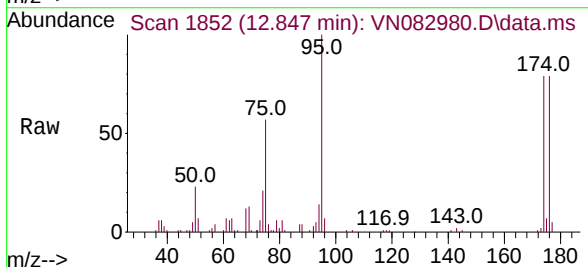
Instrument :
MSVOA_N
ClientSampleId :
VN0719MBL01

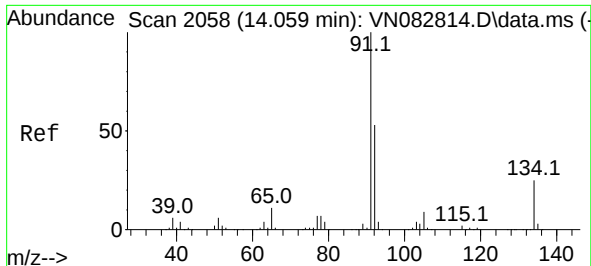
Tgt Ion: 75 Resp: 32169
Ion Ratio Lower Upper
75 100
77 1.1 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.369 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN082980.D
Acq: 19 Jul 2024 10:50

Tgt Ion: 75 Resp: 32169
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#





#89

n-Butylbenzene

Concen: 0.257 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.001 min

Lab File: VN082980.D

Acq: 19 Jul 2024 10:50

Instrument :

MSVOA_N

ClientSampleId :

VN0719MBL01

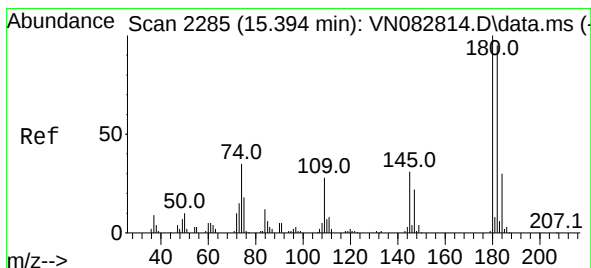
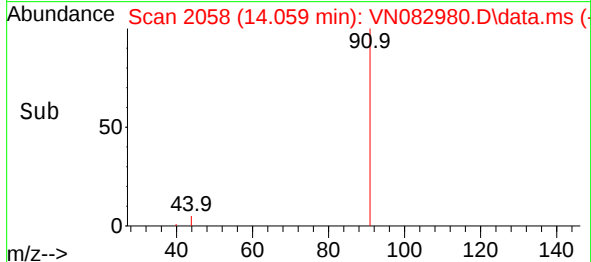
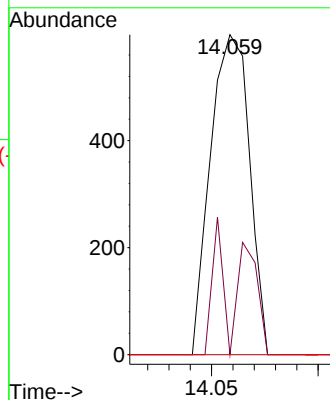
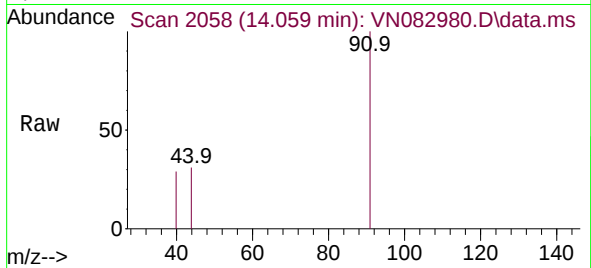
Tgt Ion: 91 Resp: 762

Ion Ratio Lower Upper

91 100

92 11.9 26.1 78.3#

134 0.0 12.1 36.3#



#93

1,2,4-Trichlorobenzene

Concen: 0.398 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VN082980.D

Acq: 19 Jul 2024 10:50

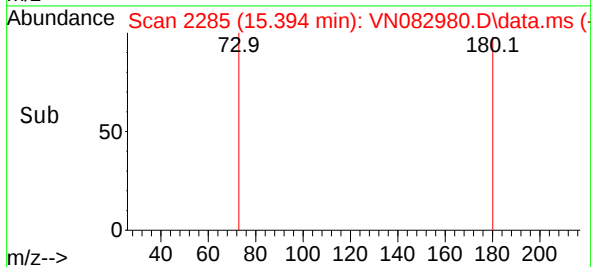
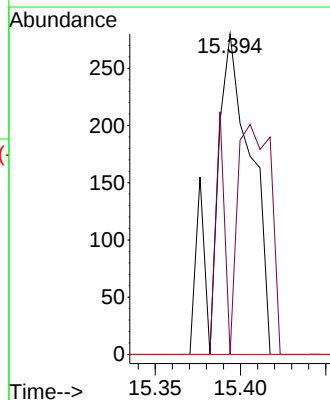
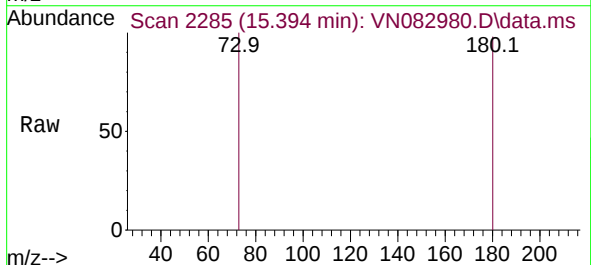
Tgt Ion:180 Resp: 415

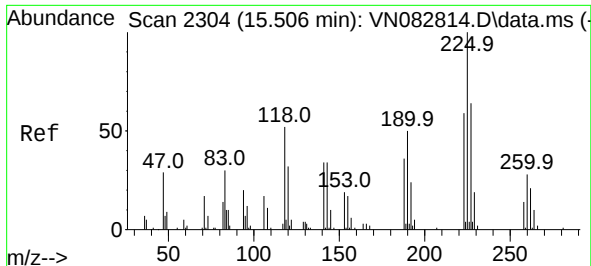
Ion Ratio Lower Upper

180 100

182 18.1 47.3 141.8#

145 0.0 15.7 47.1#

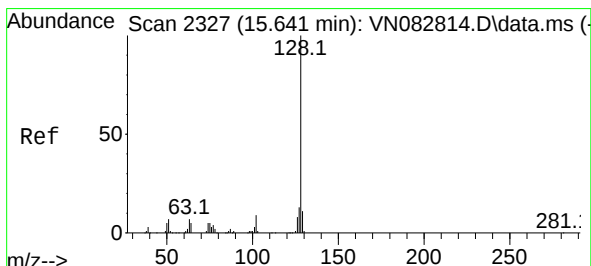
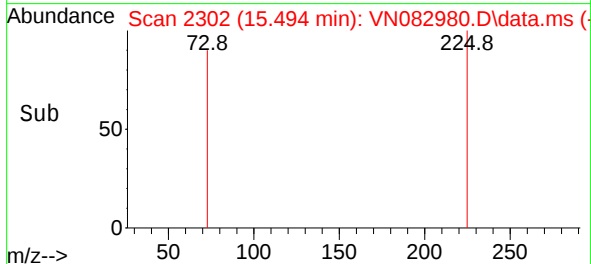
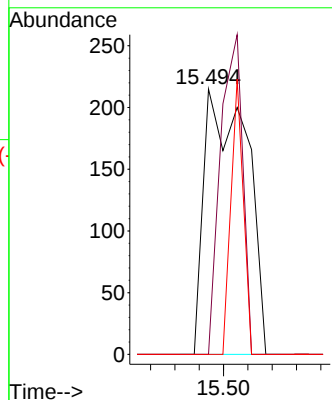
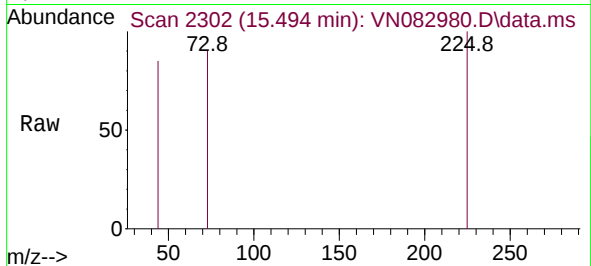




#94
Hexachlorobutadiene
Concen: 0.569 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.011 min
Lab File: VN082980.D
Acq: 19 Jul 2024 10:50

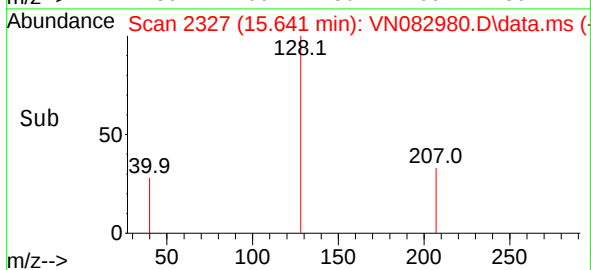
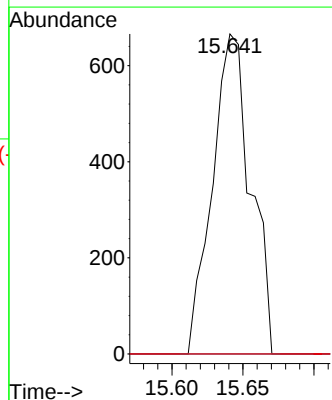
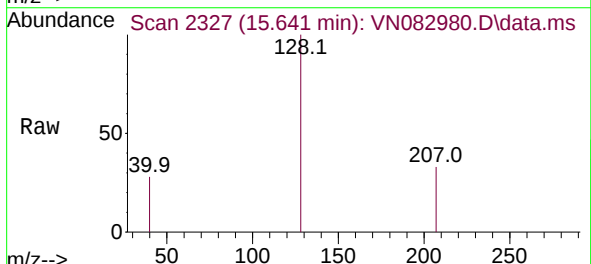
Instrument :
MSVOA_N
ClientSampleId :
VN0719MBL01

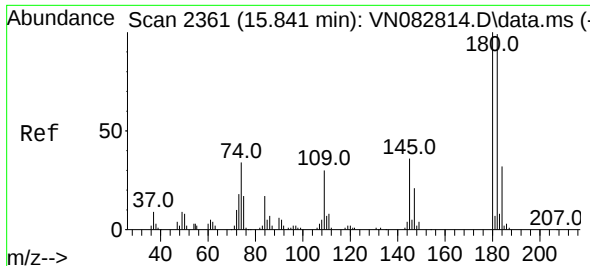
Tgt Ion:225 Resp: 263
Ion Ratio Lower Upper
225 100
223 62.0 31.9 95.7
227 30.0 32.5 97.5#



#95
Naphthalene
Concen: 0.351 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082980.D
Acq: 19 Jul 2024 10:50

Tgt Ion:128 Resp: 1254
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 12.8#





#96

1,2,3-Trichlorobenzene

Concen: 0.288 ug/l

RT: 15.835 min Scan# 24

Delta R.T. -0.006 min

Lab File: VN082980.D

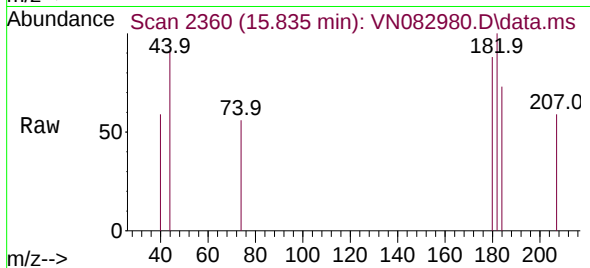
Acq: 19 Jul 2024 10:50

Instrument :

MSVOA_N

ClientSampleId :

VN0719MBL01



Tgt Ion:180 Resp: 309

Ion Ratio Lower Upper

180 100

182 145.0 48.9 146.8

145 0.0 16.8 50.4#

