

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021524\
 Data File : VN081038.D
 Acq On : 15 Feb 2024 14:24
 Operator : JC\MD
 Sample : VN0215MBL02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0215MBL02

Quant Time: Feb 16 00:24:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 07:59:19 2024
 Response via : Initial Calibration

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

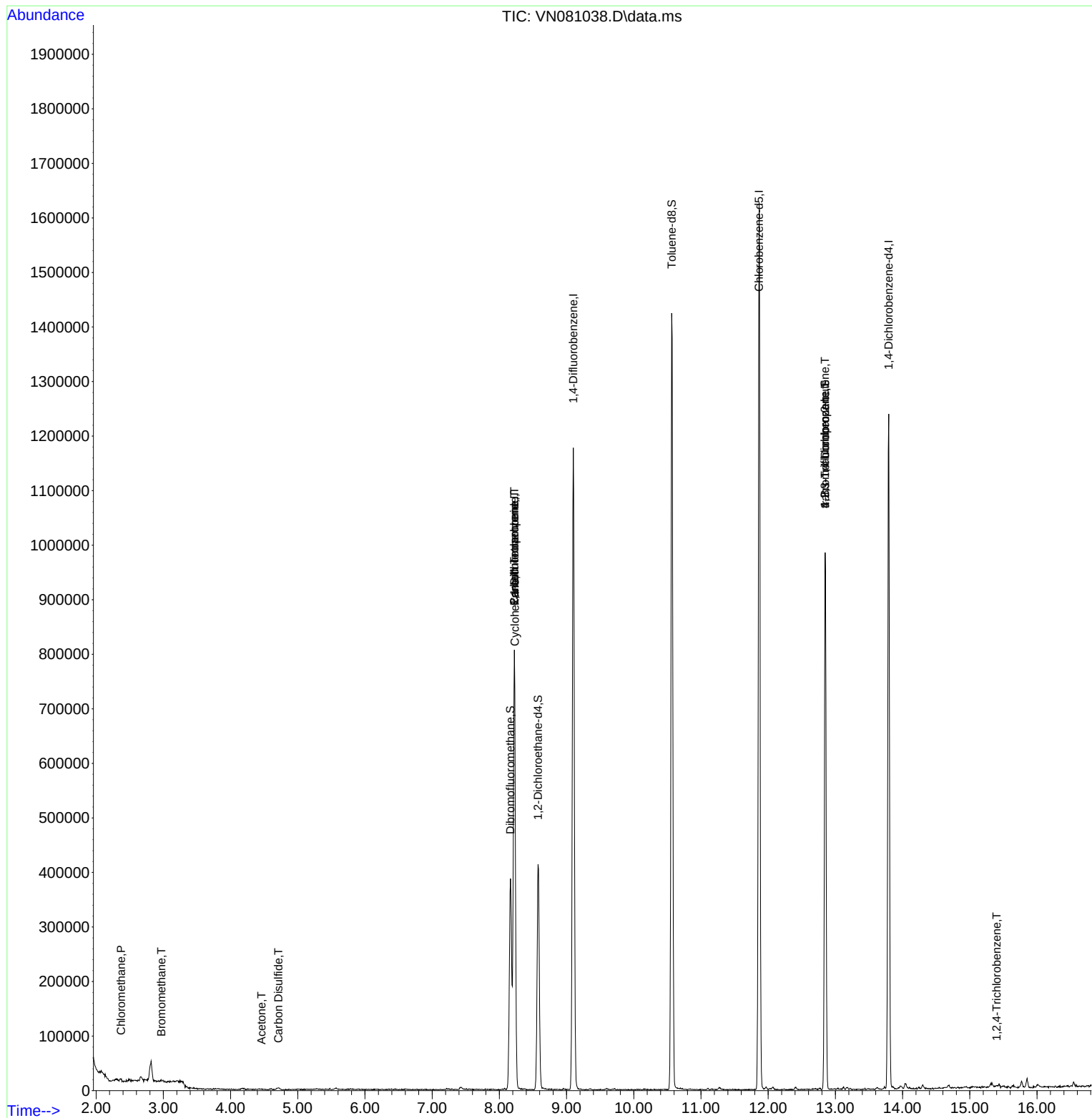
Internal Standards						
1) Pentafluorobenzene	8.224	168	569423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	1022830	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	922312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	323474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	336509	48.045	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.100%		
35) Dibromofluoromethane	8.165	113	281017	47.919	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.840%		
50) Toluene-d8	10.565	98	985208	47.635	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.280%		
62) 4-Bromofluorobenzene	12.847	95	341160	48.501	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.000%		
Target Compounds			Qvalue			
3) Chloromethane	2.371	50	8587	0.779	ug/l	91
5) Bromomethane	2.971	94	1634	0.422	ug/l	91
13) Acrolein	4.189	56	2718	Below Cal	#	15
16) Acetone	4.459	43	2143	0.782	ug/l #	59
17) Carbon Disulfide	4.712	76	5528	0.307	ug/l #	70
31) Cyclohexane	8.230	56	14628	1.202	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	49493	5.058	ug/l #	51
38) Carbon Tetrachloride	8.224	117	63892	8.921	ug/l #	18
49) 1,4-Dioxane	9.688	88	1017	Below Cal	#	47
76) 1,2,3-Trichloropropane	12.847	75	183225	25.635	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	183225	59.674	ug/l #	14
90) Hexachloroethane	14.317	117	117	Below Cal	#	21
92) 1,2-Dibromo-3-Chloropr...	14.706	75	104	Below Cal	#	13
93) 1,2,4-Trichlorobenzene	15.400	180	1563	0.239	ug/l	90

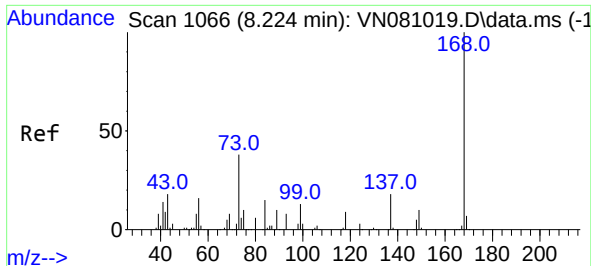
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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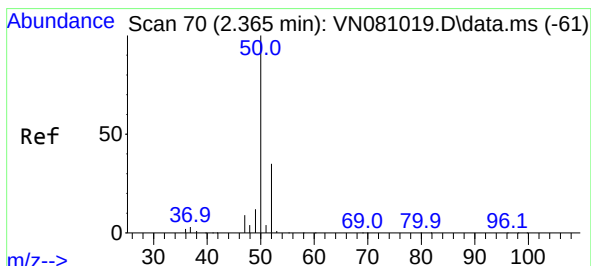
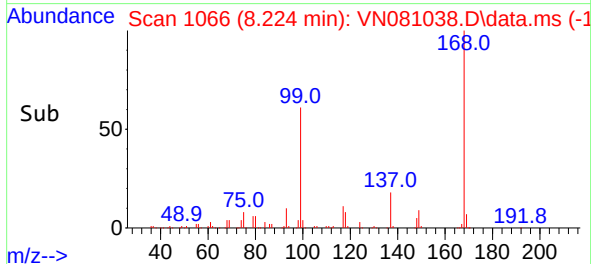
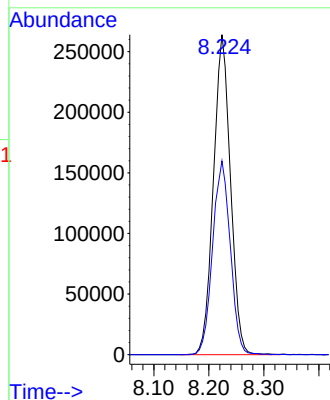
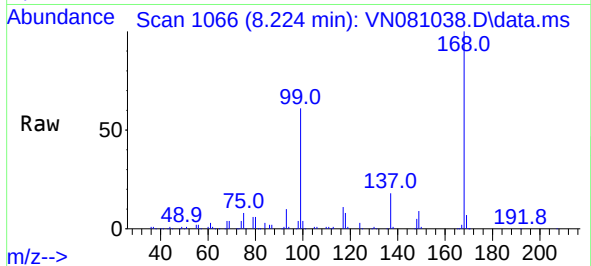




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081038.D
Acq: 15 Feb 2024 14:24

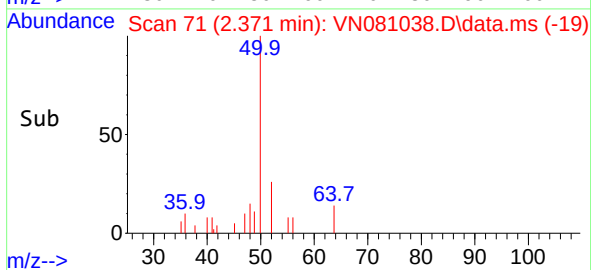
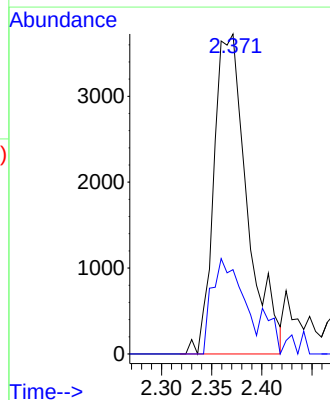
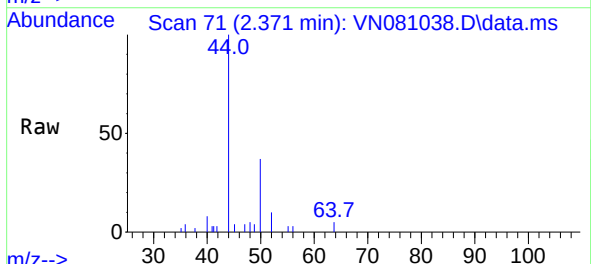
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MSVOA_N
ClientSampleId :
VN0215MBL02

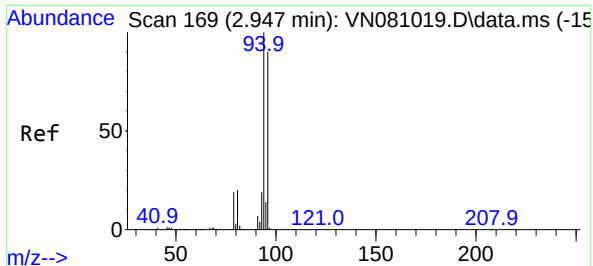
Tgt Ion:168 Resp: 569423
Ion Ratio Lower Upper
168 100
99 60.6 59.9 89.9



#3
Chloromethane
Concen: 0.779 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN081038.D
Acq: 15 Feb 2024 14:24

Tgt Ion: 50 Resp: 8587
Ion Ratio Lower Upper
50 100
52 26.4 25.0 37.4

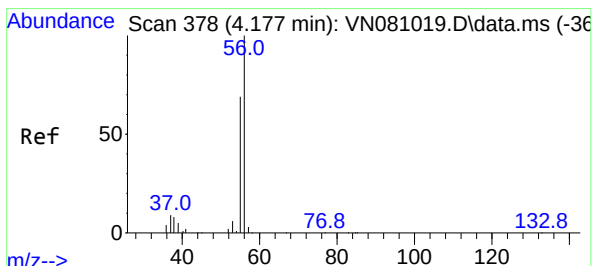
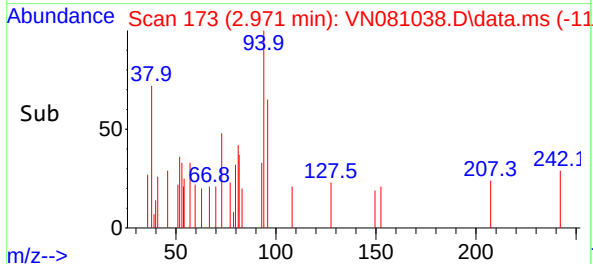
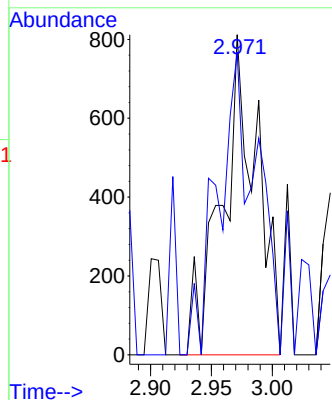
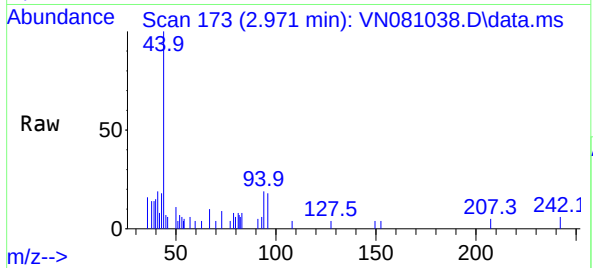




#5
Bromomethane
Concen: 0.422 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN081038.D
Acq: 15 Feb 2024 14:24

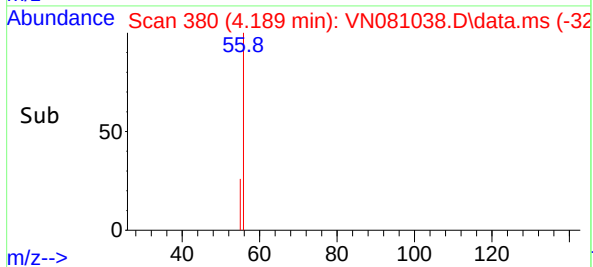
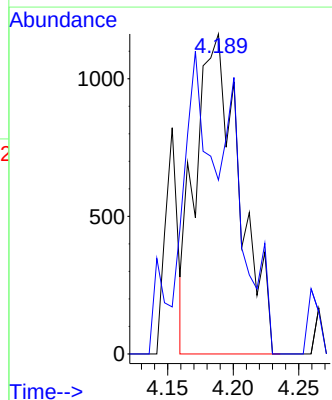
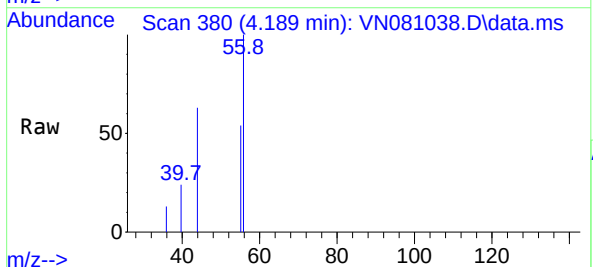
Instrument :
MSVOA_N
ClientSampleId :
VN0215MBL02

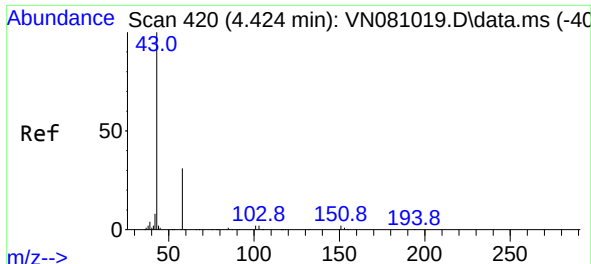
Tgt Ion: 94 Resp: 1634
Ion Ratio Lower Upper
94 100
96 94.6 69.2 103.8



#13
Acrolein
Concen: Below Cal
RT: 4.189 min Scan# 380
Delta R.T. 0.012 min
Lab File: VN081038.D
Acq: 15 Feb 2024 14:24

Tgt Ion: 56 Resp: 2718
Ion Ratio Lower Upper
56 100
55 0.0 55.3 82.9#

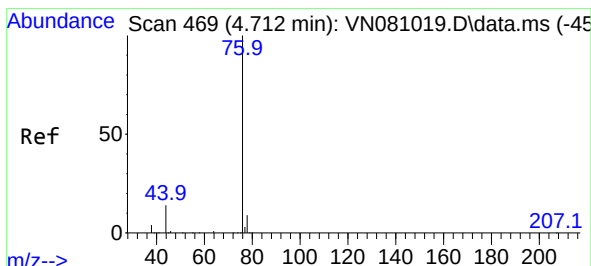
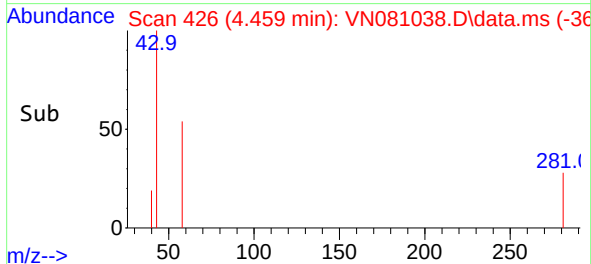
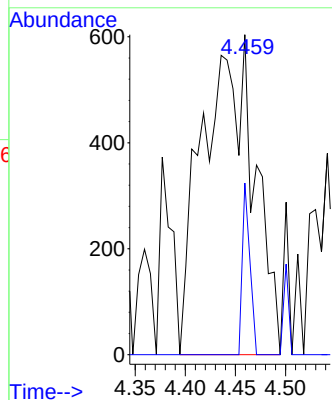
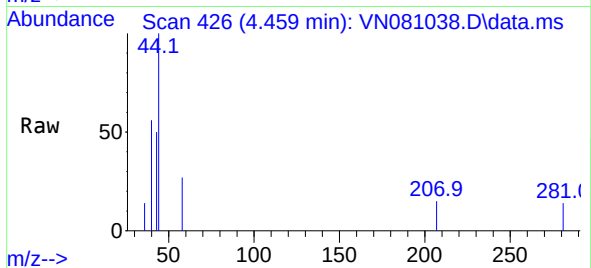




#16
Acetone
Concen: 0.782 ug/l
RT: 4.459 min Scan# 41
Delta R.T. 0.035 min
Lab File: VN081038.D
Acq: 15 Feb 2024 14:24

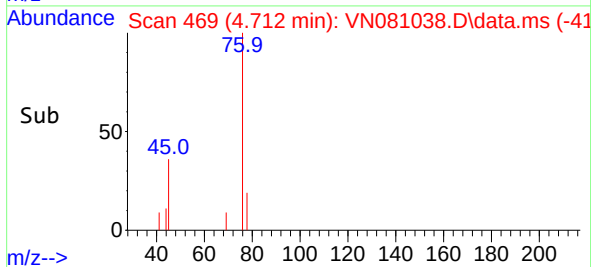
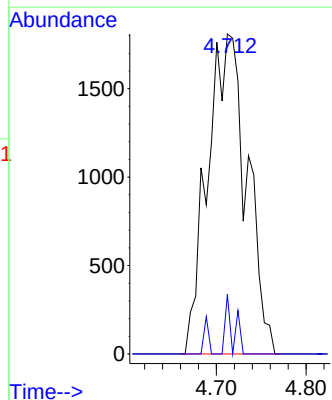
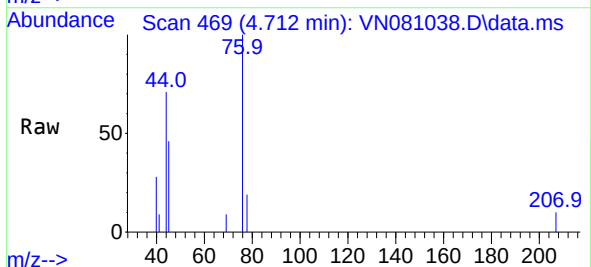
Instrument :
MSVOA_N
ClientSampleId :
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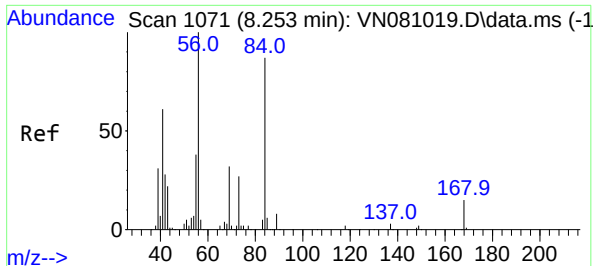
Tgt Ion: 43 Resp: 2143
Ion Ratio Lower Upper
43 100
58 53.6 24.8 37.2#



#17
Carbon Disulfide
Concen: 0.307 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN081038.D
Acq: 15 Feb 2024 14:24

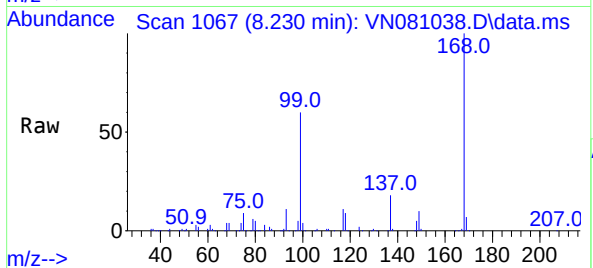
Tgt Ion: 76 Resp: 5528
Ion Ratio Lower Upper
76 100
78 18.6 6.3 9.5#



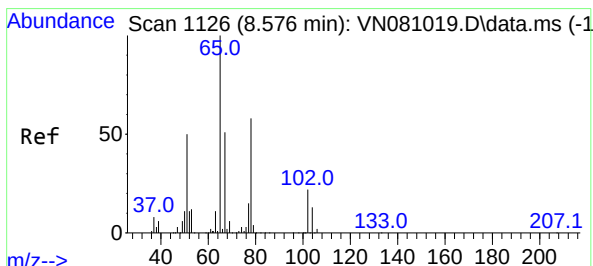
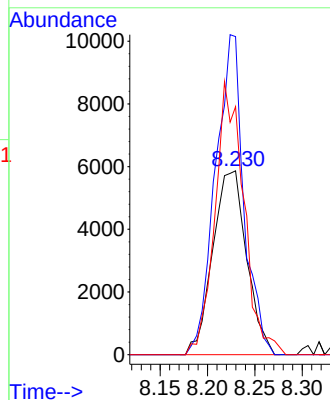
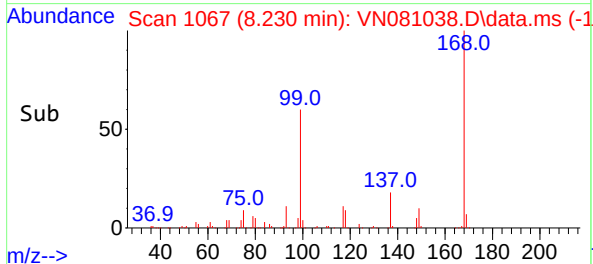


#31
Cyclohexane
Concen: 1.202 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.023 min
Lab File: VN081038.D
Acq: 15 Feb 2024 14:24

Instrument :
MSVOA_N
ClientSampleId :
VN0215MBL02

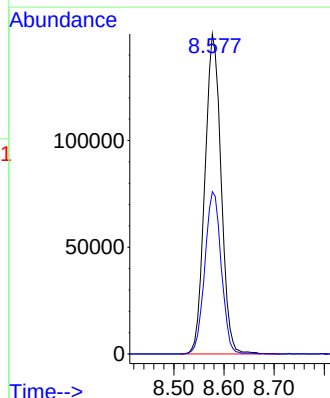
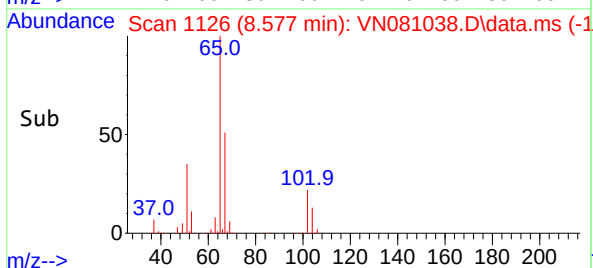
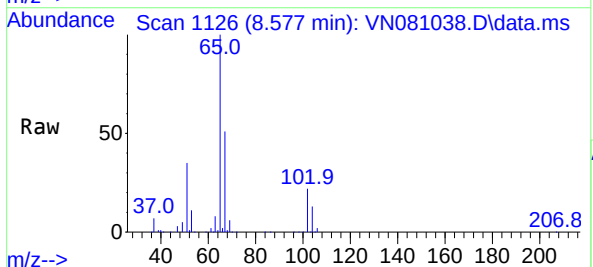


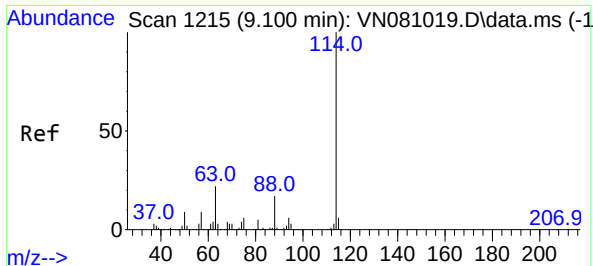
Tgt Ion: 56 Resp: 14628
Ion Ratio Lower Upper
56 100
69 173.1 20.1 30.1#
84 134.9 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 48.045 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081038.D
Acq: 15 Feb 2024 14:24

Tgt Ion: 65 Resp: 336509
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.4

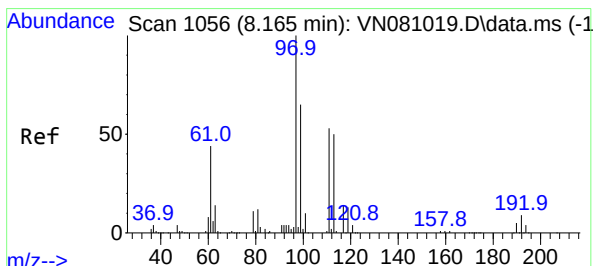
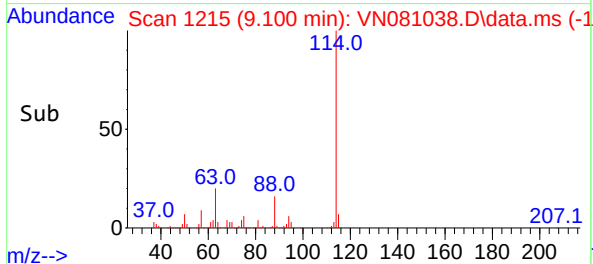
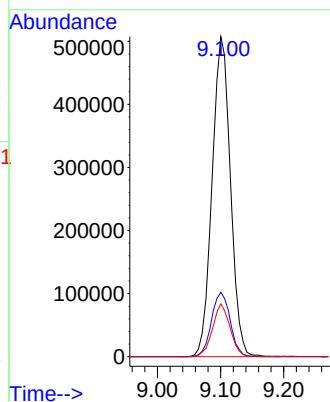
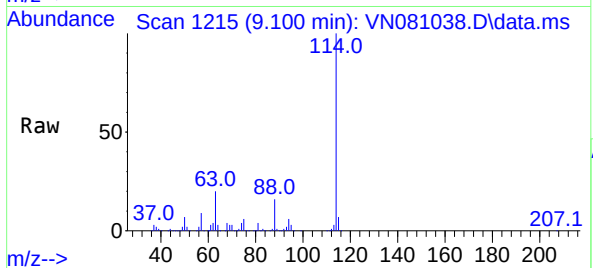




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081038.D
Acq: 15 Feb 2024 14:24

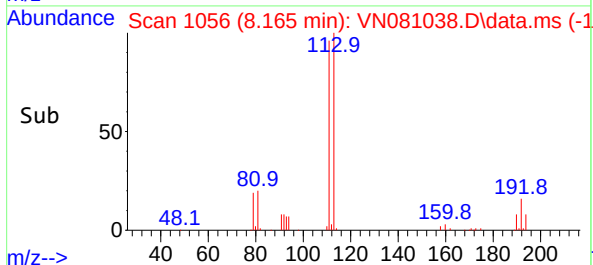
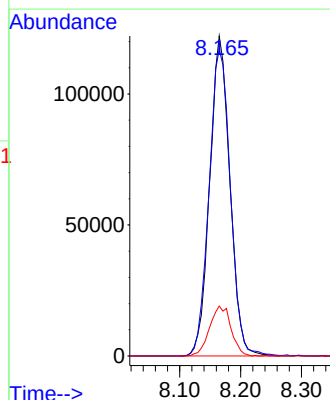
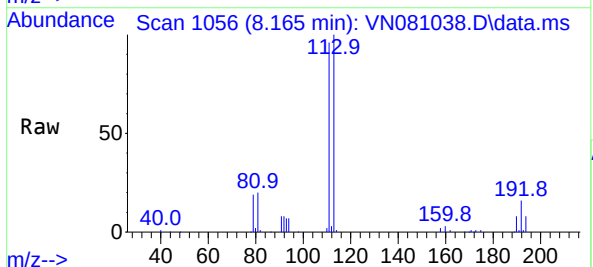
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ClientSampleId :
VN0215MBL02

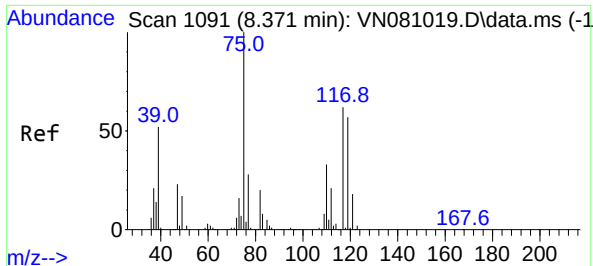
Tgt Ion:114 Resp: 1022830
Ion Ratio Lower Upper
114 100
63 20.1 0.0 48.0
88 16.5 0.0 34.8



#35
Dibromofluoromethane
Concen: 47.919 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081038.D
Acq: 15 Feb 2024 14:24

Tgt Ion:113 Resp: 281017
Ion Ratio Lower Upper
113 100
111 101.2 82.2 123.4
192 16.6 12.5 18.7

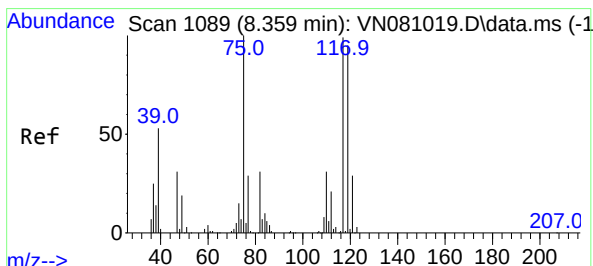
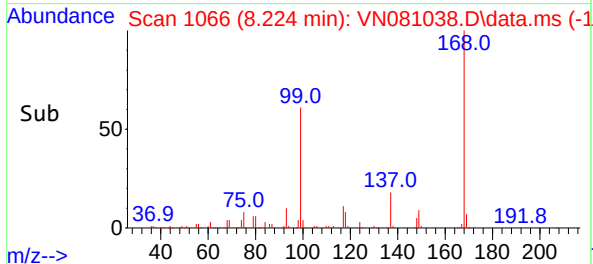
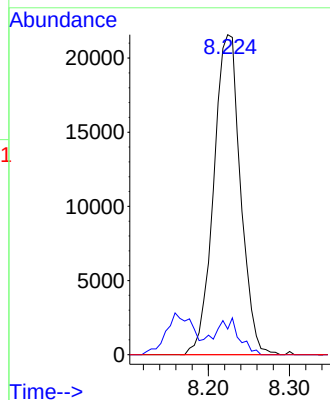
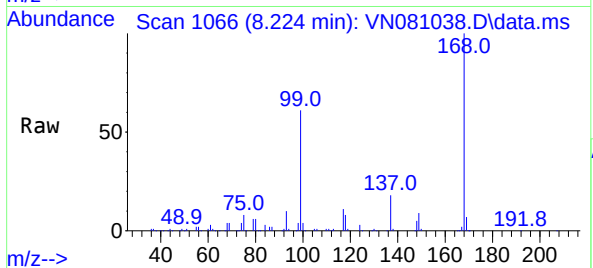




#36
1,1-Dichloropropene
Concen: 5.058 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN081038.D
Acq: 15 Feb 2024 14:24

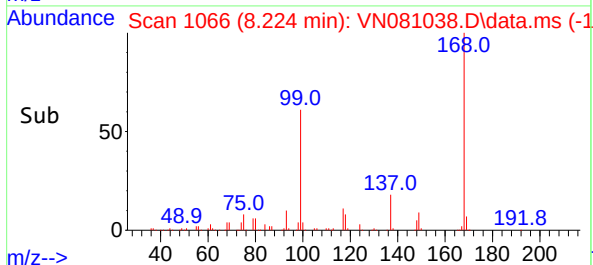
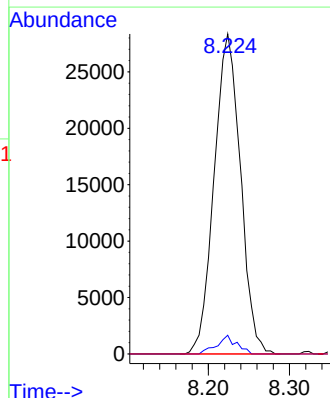
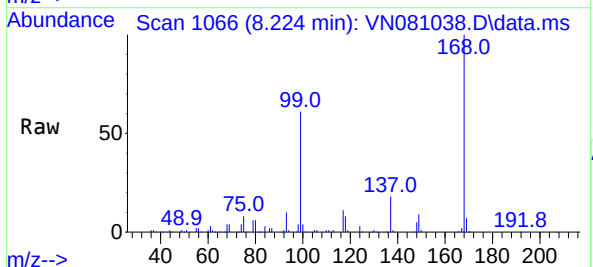
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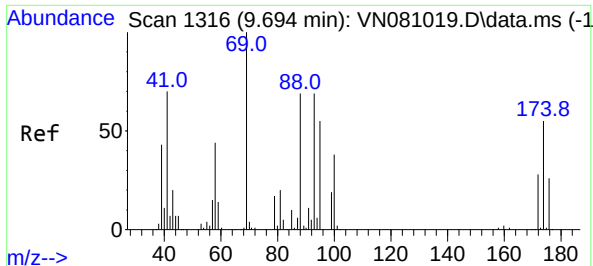
Tgt Ion: 75 Resp: 49493
Ion Ratio Lower Upper
75 100
110 10.0 16.0 48.0#
77 0.0 25.8 38.6#



#38
Carbon Tetrachloride
Concen: 8.921 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN081038.D
Acq: 15 Feb 2024 14:24

Tgt Ion: 117 Resp: 63892
Ion Ratio Lower Upper
117 100
119 5.9 73.4 110.2#
121 0.0 24.4 36.6#

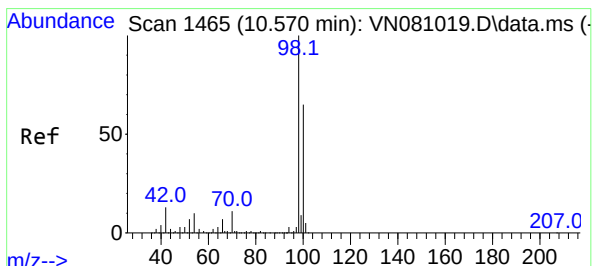
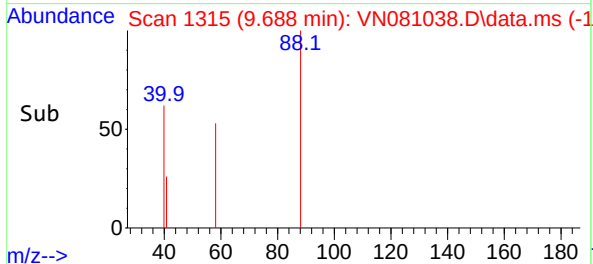
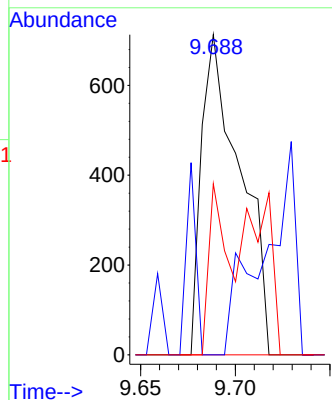
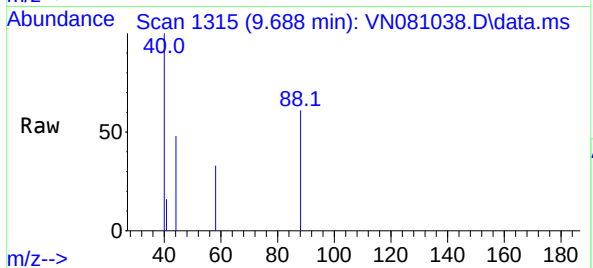




#49
1,4-Dioxane
Concen: Below Cal
RT: 9.688 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081038.D
Acq: 15 Feb 2024 14:24

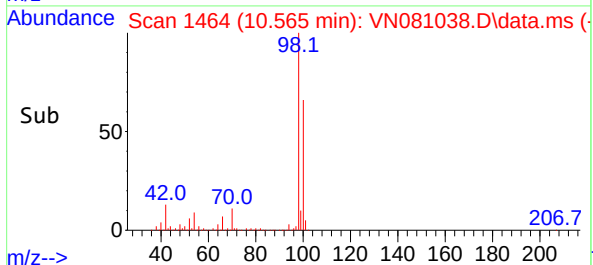
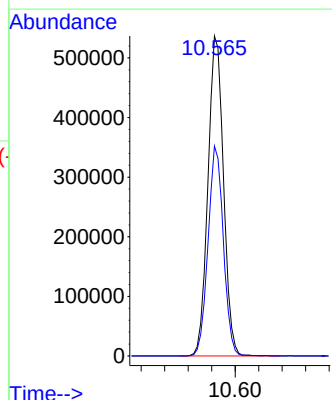
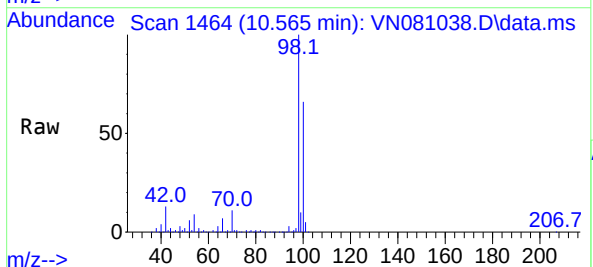
Instrument :
MSVOA_N
ClientSampleId :
VN0215MBL02

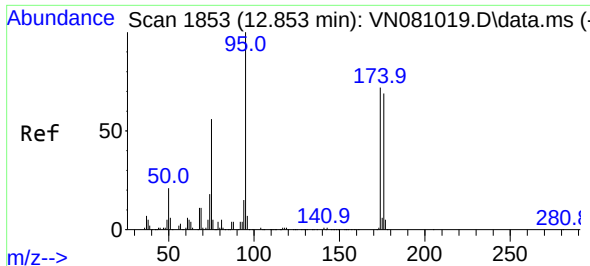
Tgt Ion: 88 Resp: 1017
Ion Ratio Lower Upper
88 100
43 14.8 30.1 45.1#
58 26.9 63.9 95.9#



#50
Toluene-d8
Concen: 47.635 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081038.D
Acq: 15 Feb 2024 14:24

Tgt Ion: 98 Resp: 985208
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0

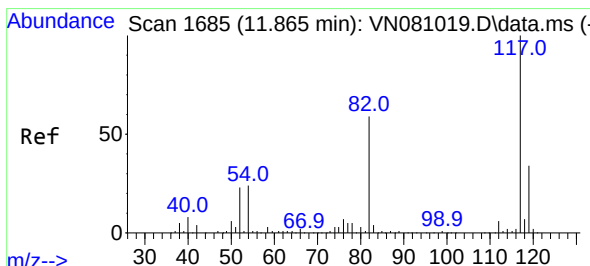
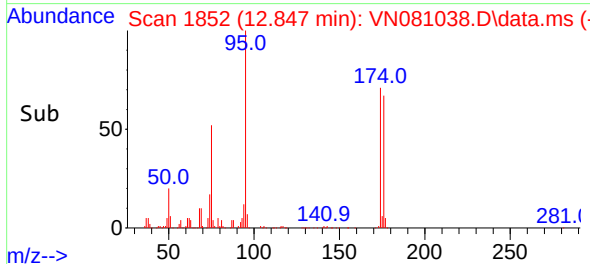
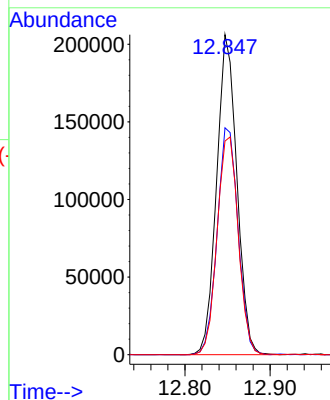
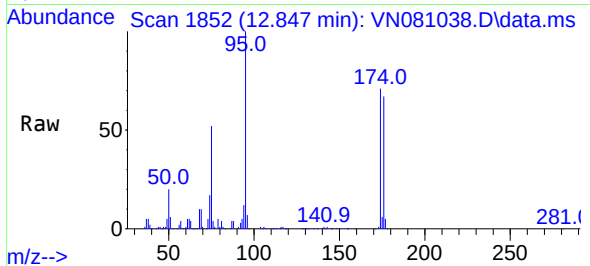




#62
4-Bromofluorobenzene
Concen: 48.501 ug/l
RT: 12.847 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VN081038.D
Acq: 15 Feb 2024 14:24

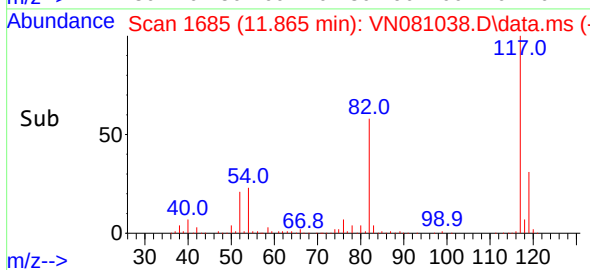
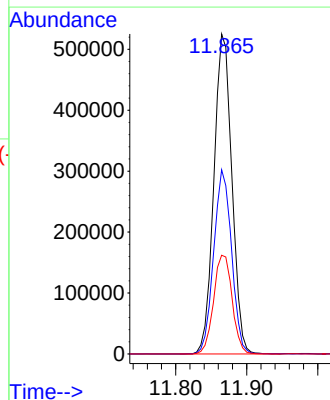
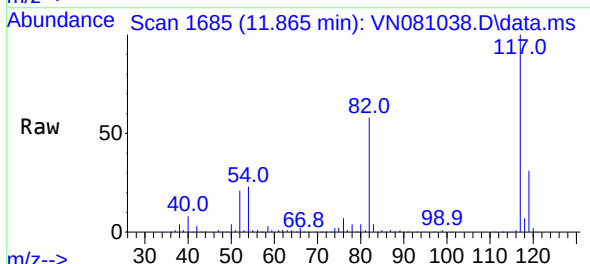
Instrument :
MSVOA_N
ClientSampleId :
VN0215MBL02

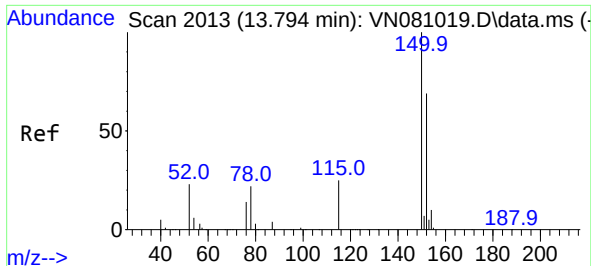
Tgt Ion: 95 Resp: 341160
Ion Ratio Lower Upper
95 100
174 73.1 0.0 120.4
176 71.2 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081038.D
Acq: 15 Feb 2024 14:24

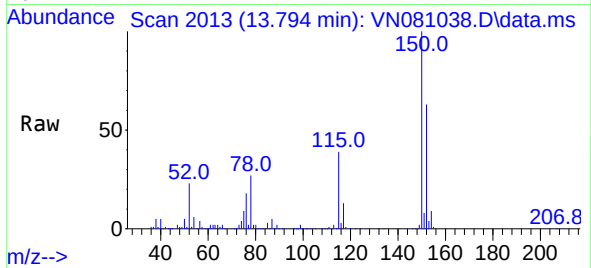
Tgt Ion: 117 Resp: 922312
Ion Ratio Lower Upper
117 100
82 57.5 52.7 79.1
119 30.8 25.3 37.9



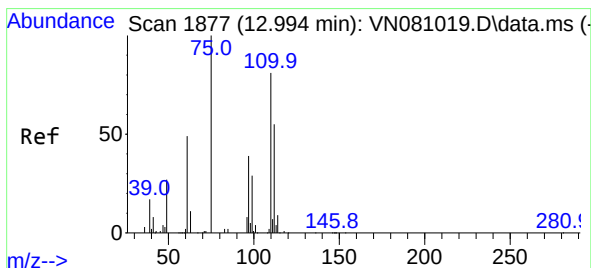
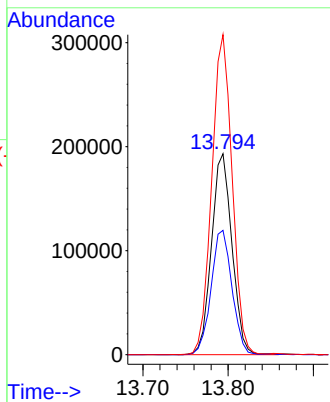
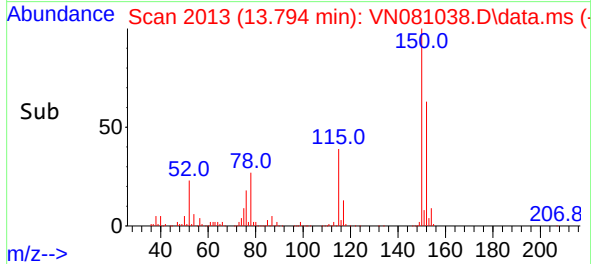


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN081038.D
Acq: 15 Feb 2024 14:24

Instrument :
MSVOA_N
ClientSampleId :
VN0215MBL02

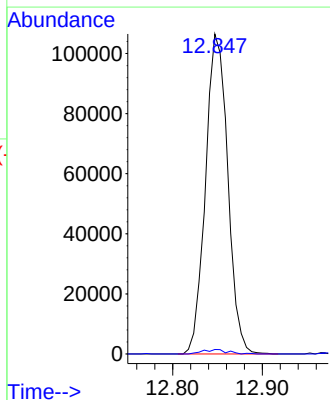
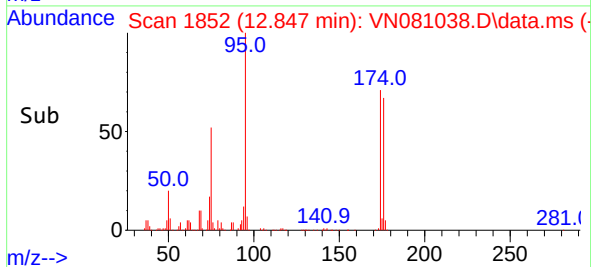
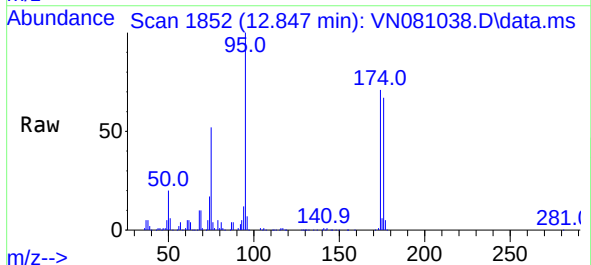


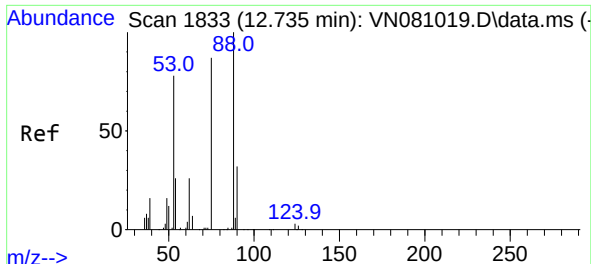
Tgt Ion:152 Resp: 323474
Ion Ratio Lower Upper
152 100
115 63.0 32.3 96.8
150 158.3 0.0 339.8



#76
1,2,3-Trichloropropane
Concen: 25.635 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN081038.D
Acq: 15 Feb 2024 14:24

Tgt Ion: 75 Resp: 183225
Ion Ratio Lower Upper
75 100
77 1.6 91.0 272.8#

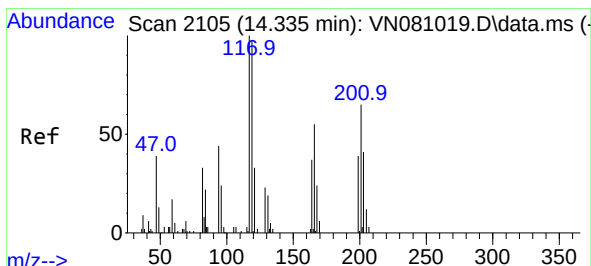
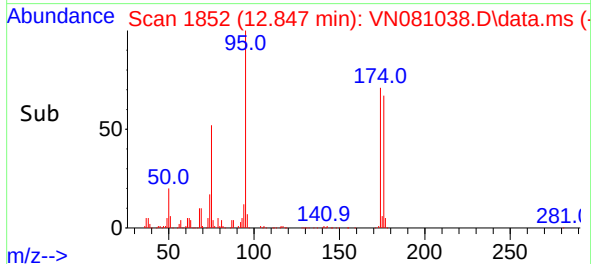
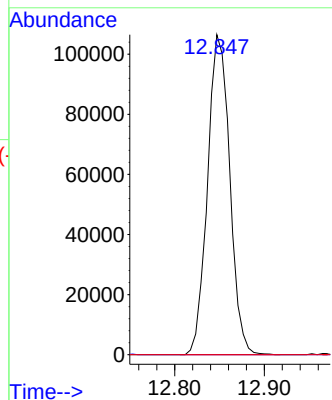
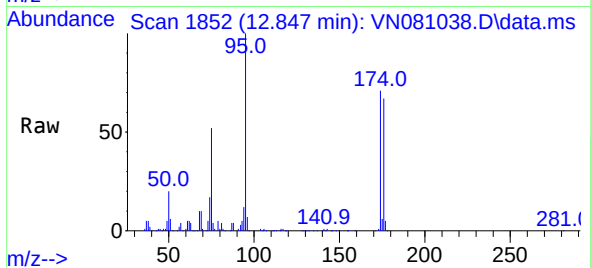




#81
trans-1,4-Dichloro-2-butene
Concen: 59.674 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN081038.D
Acq: 15 Feb 2024 14:24

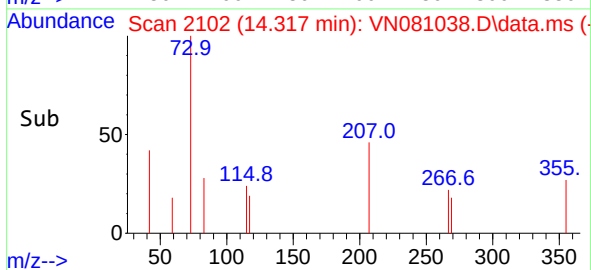
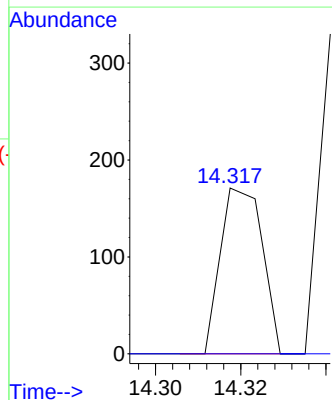
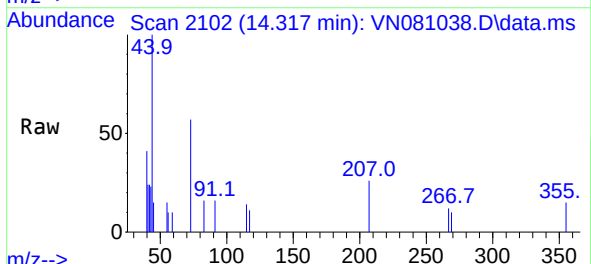
Instrument :
MSVOA_N
ClientSampleId :
VN0215MBL02

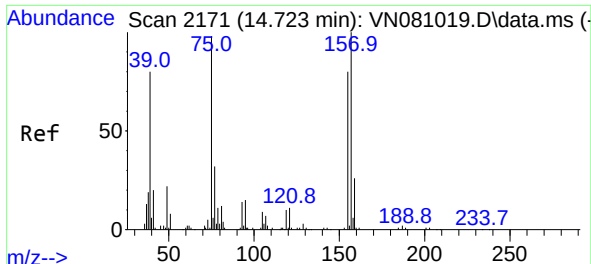
Tgt Ion: 75 Resp: 183225
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 33.4 50.0#



#90
Hexachloroethane
Concen: Below Cal
RT: 14.317 min Scan# 2102
Delta R.T. -0.018 min
Lab File: VN081038.D
Acq: 15 Feb 2024 14:24

Tgt Ion: 117 Resp: 117
Ion Ratio Lower Upper
117 100
201 0.0 30.0 90.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.706 min Scan# 2168

Delta R.T. -0.017 min

Lab File: VN081038.D

Acq: 15 Feb 2024 14:24

Instrument :

MSVOA_N

ClientSampleId :

VN0215MBL02

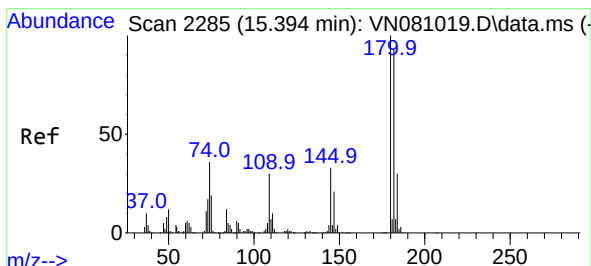
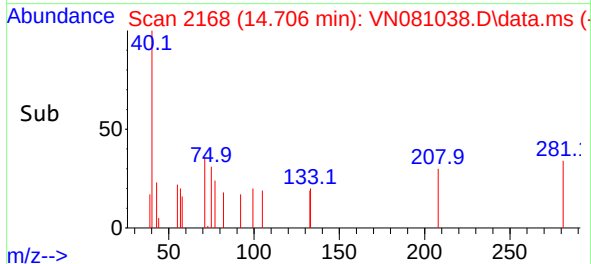
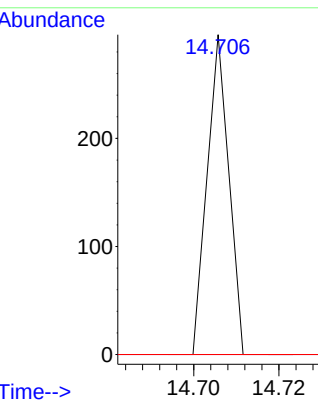
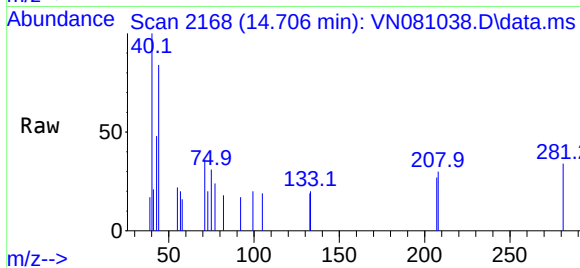
Tgt Ion: 75 Resp: 104

Ion Ratio Lower Upper

75 100

155 0.0 31.8 95.4#

157 0.0 41.1 123.4#



#93

1,2,4-Trichlorobenzene

Concen: 0.239 ug/l

RT: 15.400 min Scan# 2286

Delta R.T. 0.006 min

Lab File: VN081038.D

Acq: 15 Feb 2024 14:24

Tgt Ion:180 Resp: 1563

Ion Ratio Lower Upper

180 100

182 86.8 46.6 139.7

145 23.2 16.8 50.3

