

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020724\
 Data File : VN080930.D
 Acq On : 07 Feb 2024 10:41
 Operator : JC\MD
 Sample : VN0207WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0207WBL01

Quant Time: Feb 08 00:22:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 06:22:23 2024
 Response via : Initial Calibration

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

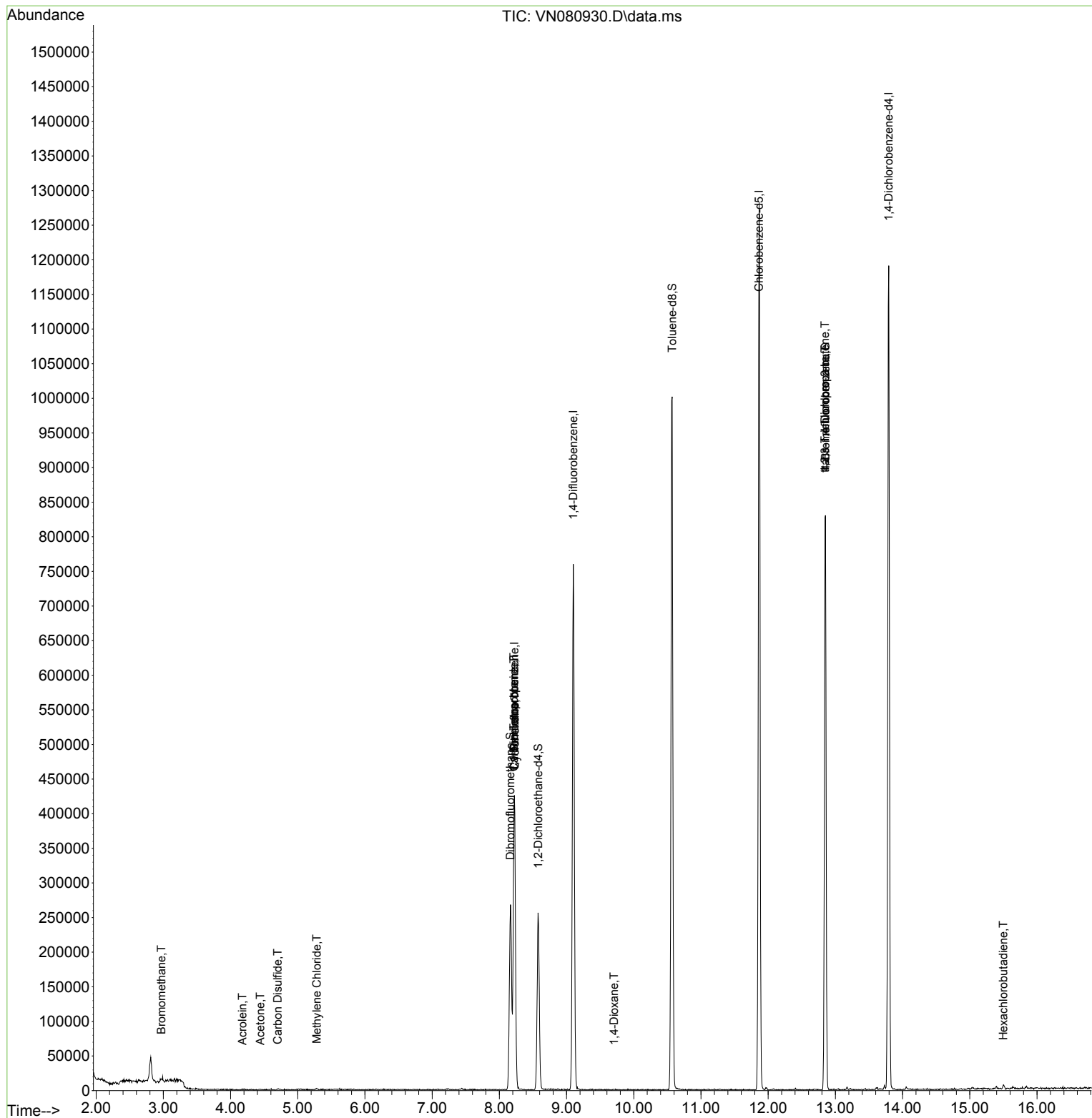
Internal Standards						
1) Pentafluorobenzene	8.224	168	304524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	654373	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	739464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	317052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	201488	52.449	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.900%	
35) Dibromofluoromethane	8.165	113	186732	53.179	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.360%	
50) Toluene-d8	10.571	98	702673	55.324	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.640%	
62) 4-Bromofluorobenzene	12.853	95	297863	64.557	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 129.120%#	
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	3273	Below Cal	#	83
5) Bromomethane	2.971	94	2261	0.780	ug/l	92
13) Acrolein	4.177	56	265	0.397	ug/l	98
16) Acetone	4.442	43	750	0.593	ug/l #	44
17) Carbon Disulfide	4.700	76	2500	0.304	ug/l #	78
18) Methyl Acetate	5.000	43	482	Below Cal	#	54
20) Methylene Chloride	5.283	84	841	0.220	ug/l #	38
31) Cyclohexane	8.230	56	7572	1.442	ug/l #	15
36) 1,1-Dichloropropene	8.218	75	27181	5.203	ug/l #	51
38) Carbon Tetrachloride	8.218	117	33740	6.301	ug/l #	18
49) 1,4-Dioxane	9.706	88	85	1.124	ug/l #	18
76) 1,2,3-Trichloropropane	12.847	75	160304	24.798	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	160304	67.372	ug/l #	14
94) Hexachlorobutadiene	15.500	225	1026	0.451	ug/l	86

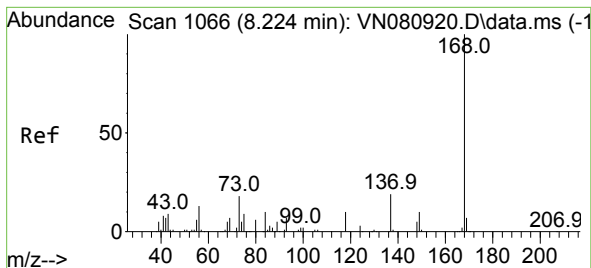
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020724\
Data File : VN080930.D
Acq On : 07 Feb 2024 10:41
Operator : JC\MD
Sample : VN0207WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0207WBL01

Quant Time: Feb 08 00:22:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 07 06:22:23 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080930.D

Acq: 07 Feb 2024 10:41

Instrument :

MSVOA_N

ClientSampleId :

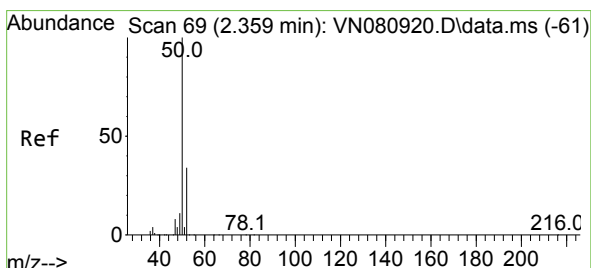
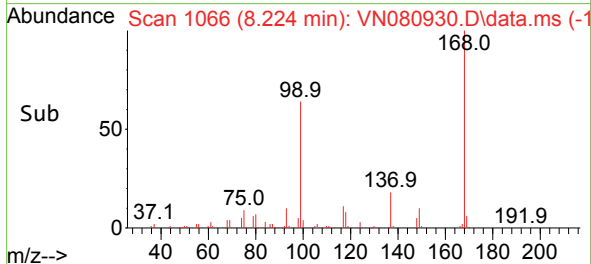
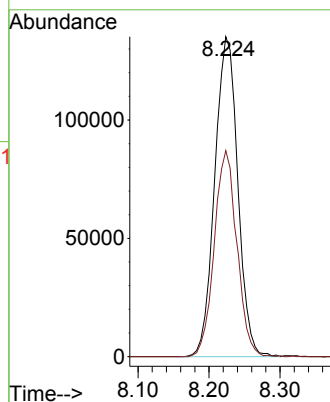
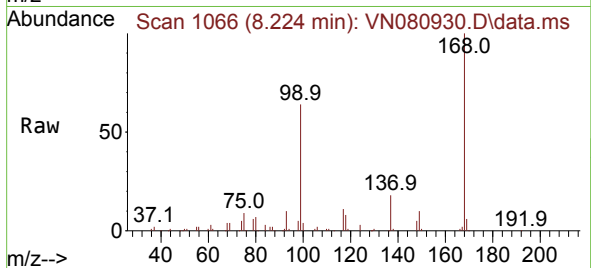
VN0207WBL01

Tgt Ion:168 Resp: 304524

Ion Ratio Lower Upper

168 100

99 64.4 59.9 89.9



#3

Chloromethane

Concen: Below Cal

RT: 2.371 min Scan# 71

Delta R.T. 0.012 min

Lab File: VN080930.D

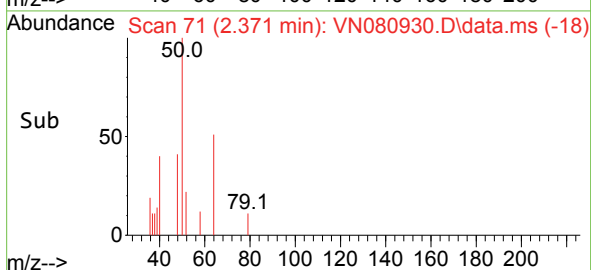
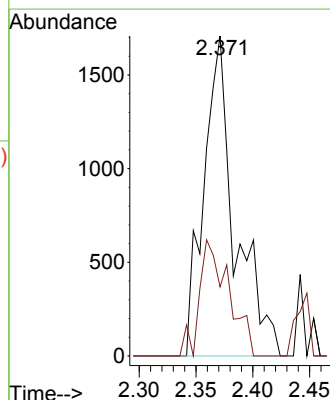
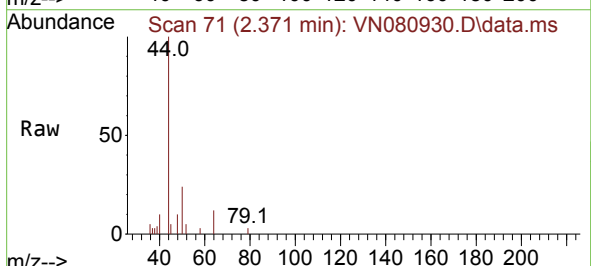
Acq: 07 Feb 2024 10:41

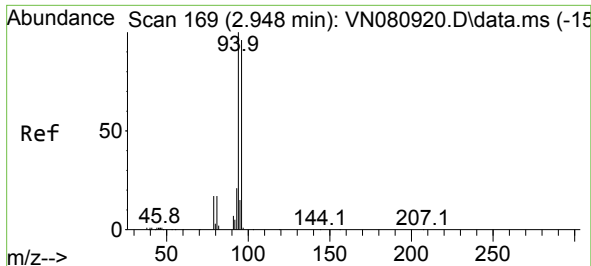
Tgt Ion: 50 Resp: 3273

Ion Ratio Lower Upper

50 100

52 21.6 25.0 37.4#

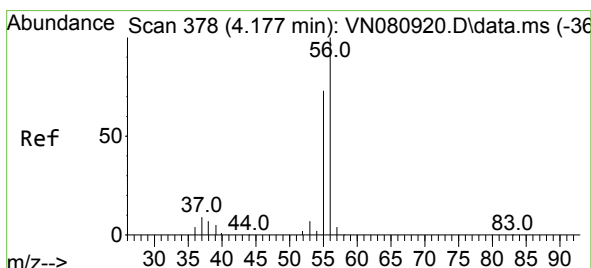
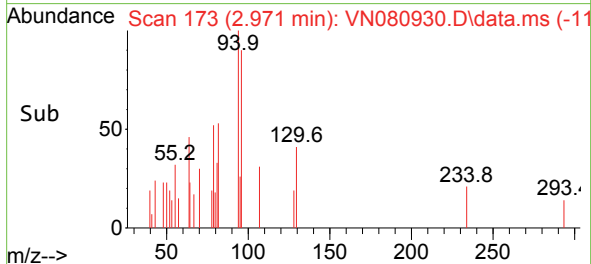
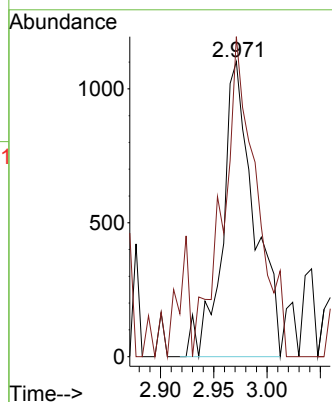
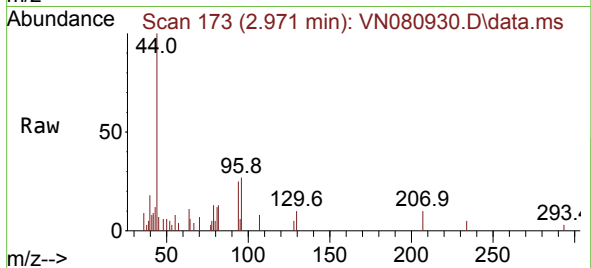




#5
Bromomethane
Concen: 0.780 ug/l
RT: 2.971 min Scan# 1
Delta R.T. 0.023 min
Lab File: VN080930.D
Acq: 07 Feb 2024 10:41

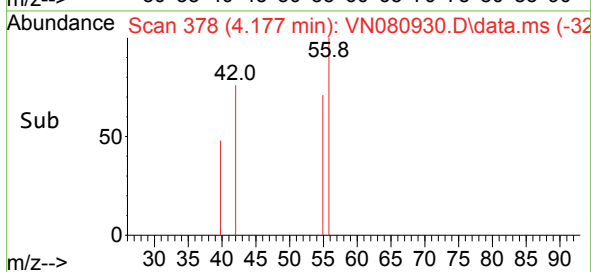
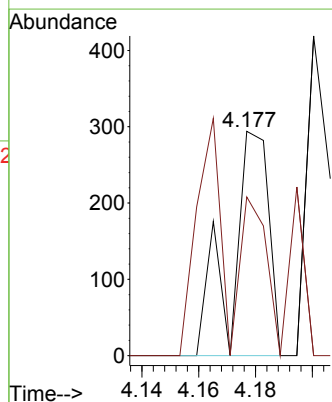
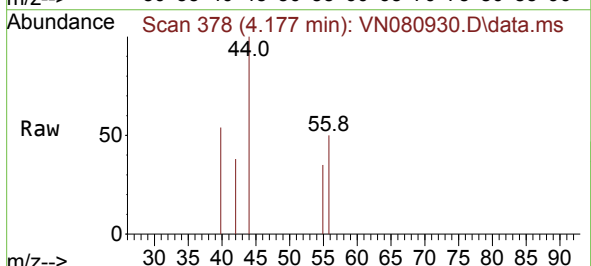
Instrument :
MSVOA_N
ClientSampleId :
VN0207WBL01

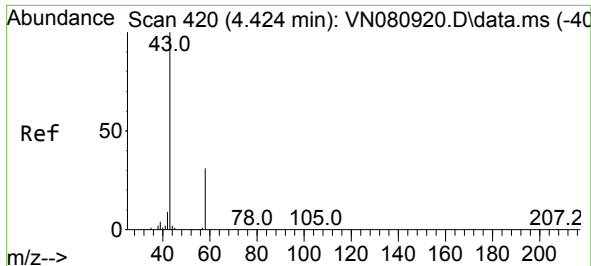
Tgt Ion: 94 Resp: 2261
Ion Ratio Lower Upper
94 100
96 93.9 69.2 103.8



#13
Acrolein
Concen: 0.397 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN080930.D
Acq: 07 Feb 2024 10:41

Tgt Ion: 56 Resp: 265
Ion Ratio Lower Upper
56 100
55 67.5 55.3 82.9

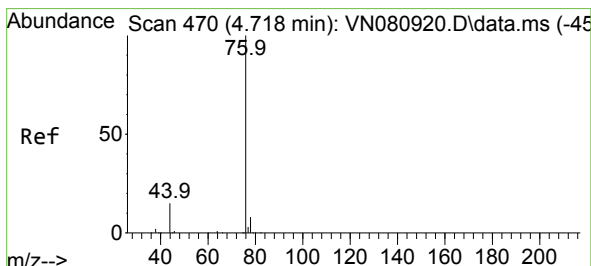
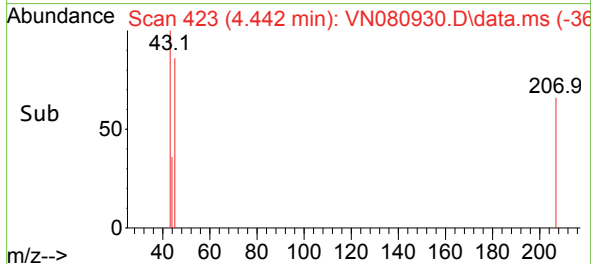
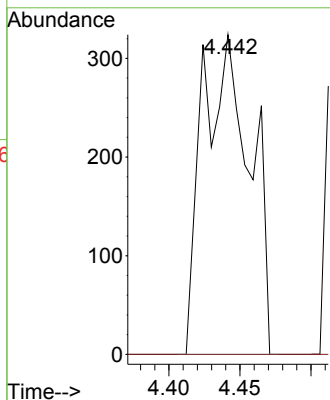
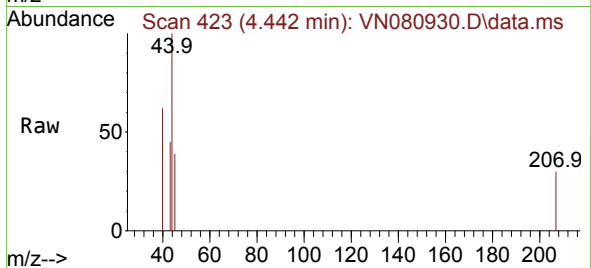




#16
Acetone
Concen: 0.593 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN080930.D
Acq: 07 Feb 2024 10:41

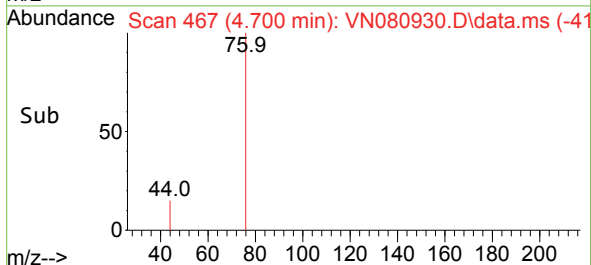
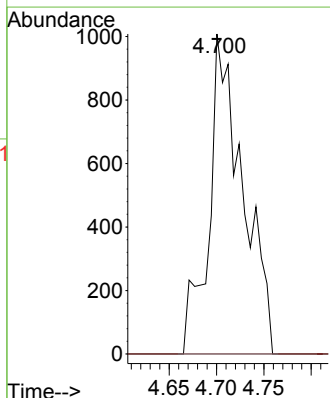
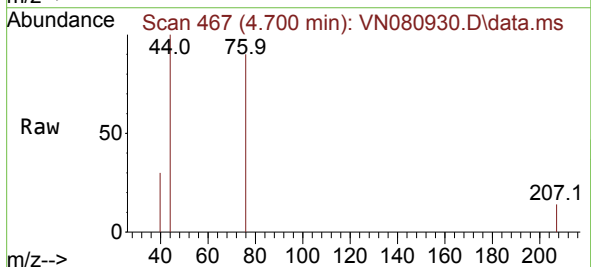
Instrument :
MSVOA_N
ClientSampleId :
VN0207WBL01

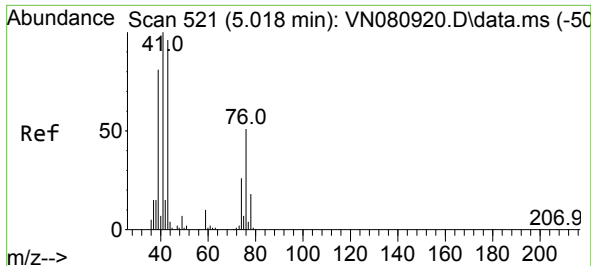
Tgt Ion: 43 Resp: 750
Ion Ratio Lower Upper
43 100
58 0.0 24.8 37.2#



#17
Carbon Disulfide
Concen: 0.304 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.018 min
Lab File: VN080930.D
Acq: 07 Feb 2024 10:41

Tgt Ion: 76 Resp: 2500
Ion Ratio Lower Upper
76 100
78 0.0 6.3 9.5#

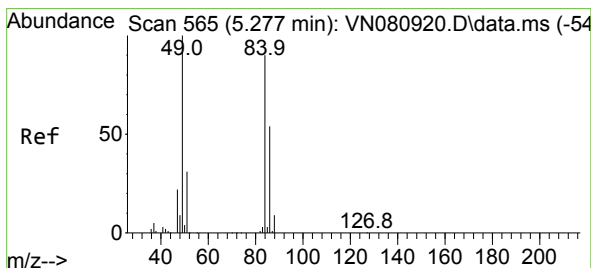
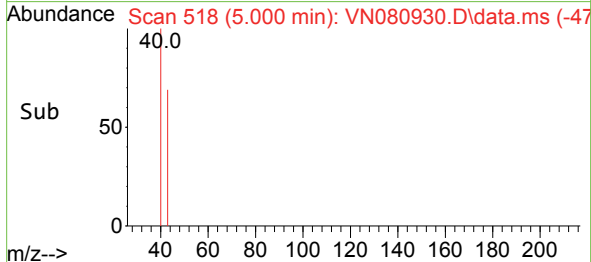
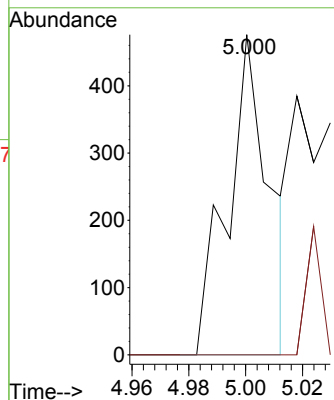
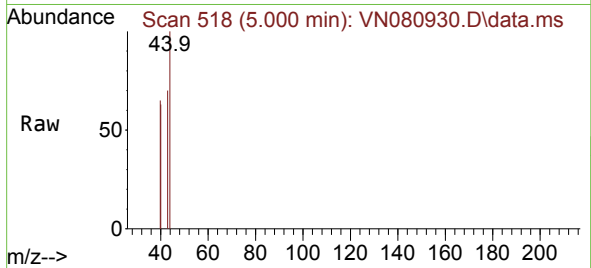




#18
Methyl Acetate
Concen: Below Cal
RT: 5.000 min Scan# 518
Delta R.T. -0.018 min
Lab File: VN080930.D
Acq: 07 Feb 2024 10:41

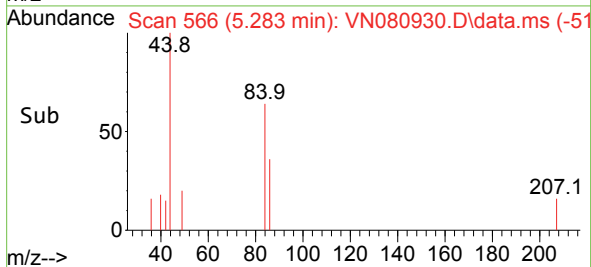
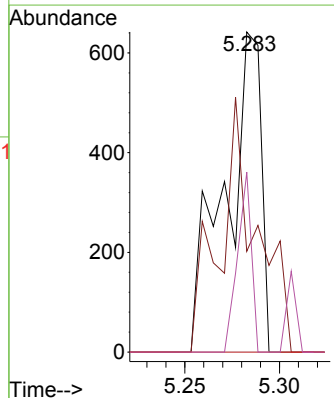
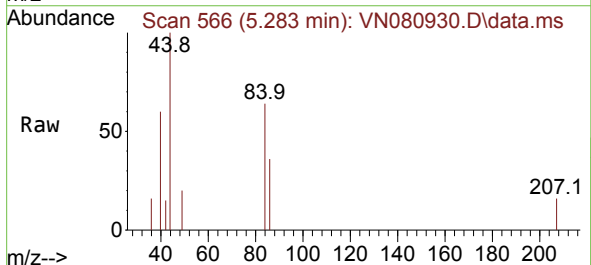
Instrument :
MSVOA_N
ClientSampleId :
VN0207WBL01

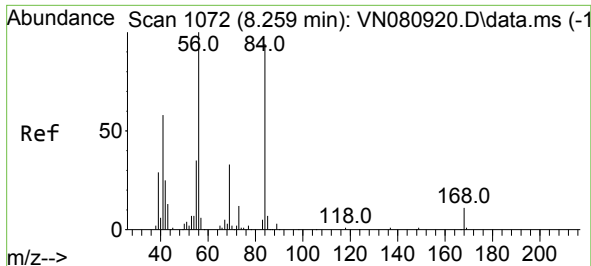
Tgt Ion: 43 Resp: 482
Ion Ratio Lower Upper
43 100
74 0.0 17.3 25.9#



#20
Methylene Chloride
Concen: 0.220 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN080930.D
Acq: 07 Feb 2024 10:41

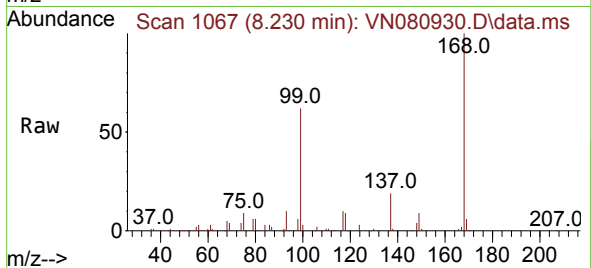
Tgt Ion: 84 Resp: 841
Ion Ratio Lower Upper
84 100
49 31.5 108.1 162.1#
51 0.0 32.9 49.3#
86 56.2 48.6 73.0



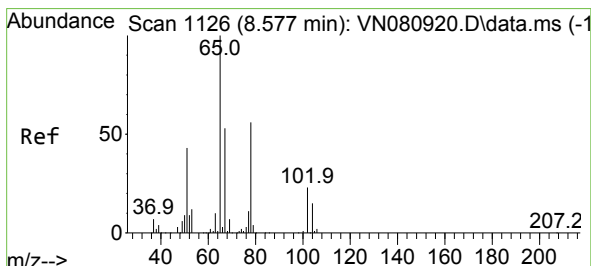
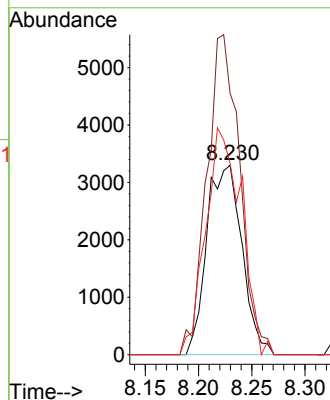
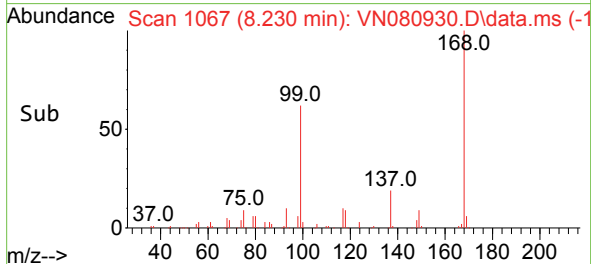


#31
Cyclohexane
Concen: 1.442 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.030 min
Lab File: VN080930.D
Acq: 07 Feb 2024 10:41

Instrument :
MSVOA_N
ClientSampleId :
VN0207WBL01

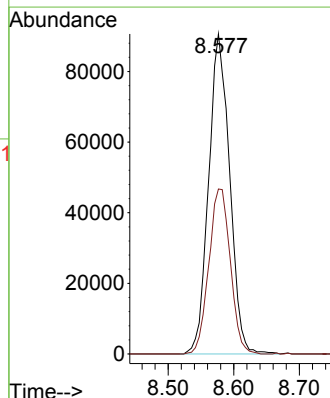
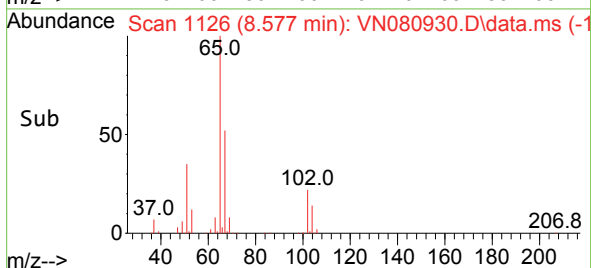
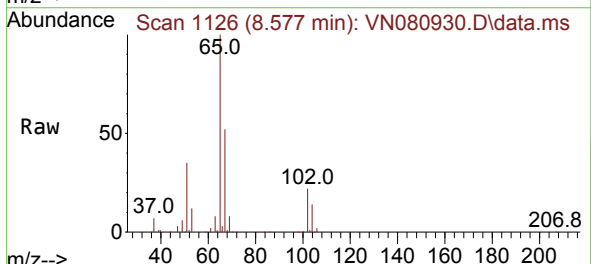


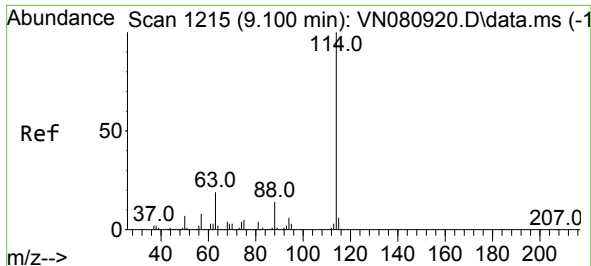
Tgt Ion: 56 Resp: 7572
Ion Ratio Lower Upper
56 100
69 137.8 20.1 30.1#
84 101.0 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 52.449 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN080930.D
Acq: 07 Feb 2024 10:41

Tgt Ion: 65 Resp: 201488
Ion Ratio Lower Upper
65 100
67 52.7 0.0 102.4

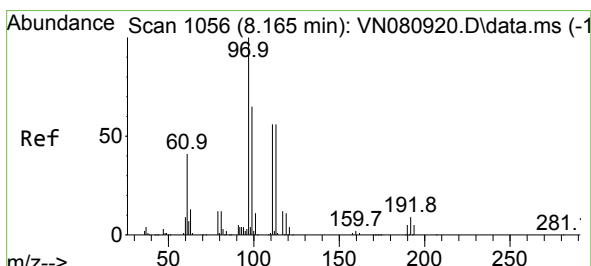
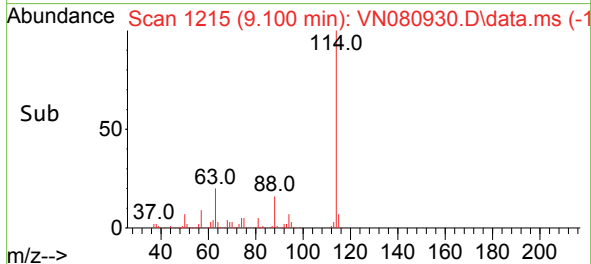
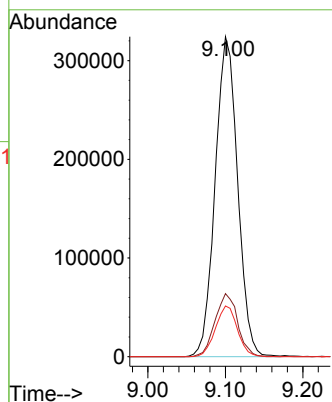
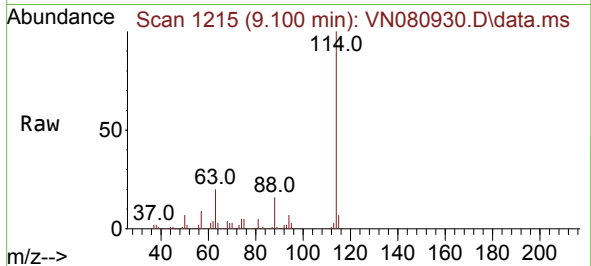




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080930.D
Acq: 07 Feb 2024 10:41

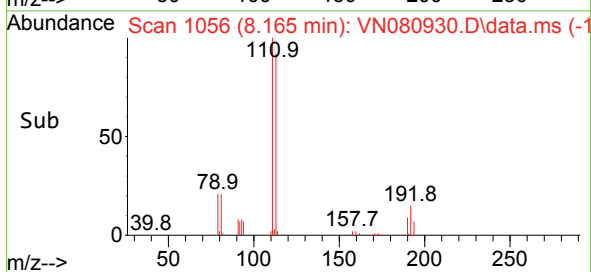
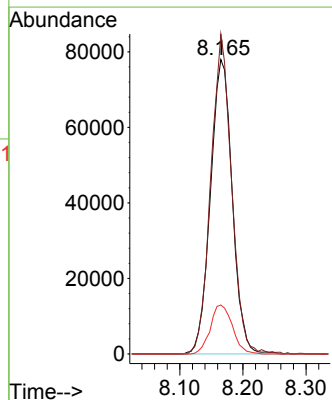
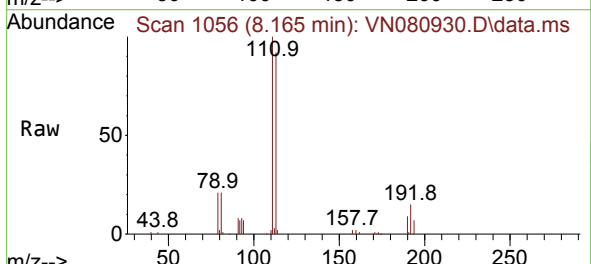
Instrument :
MSVOA_N
ClientSampleId :
VN0207WBL01

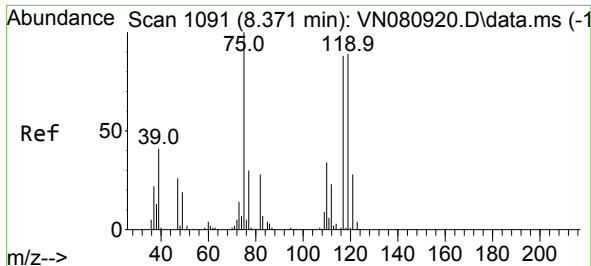
Tgt Ion:114 Resp: 654373
Ion Ratio Lower Upper
114 100
63 19.7 0.0 48.0
88 15.9 0.0 34.8



#35
Dibromofluoromethane
Concen: 53.179 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080930.D
Acq: 07 Feb 2024 10:41

Tgt Ion:113 Resp: 186732
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.4
192 16.9 12.5 18.7

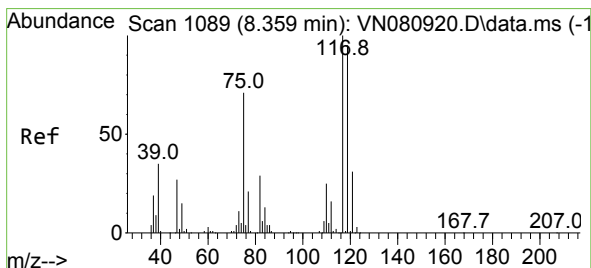
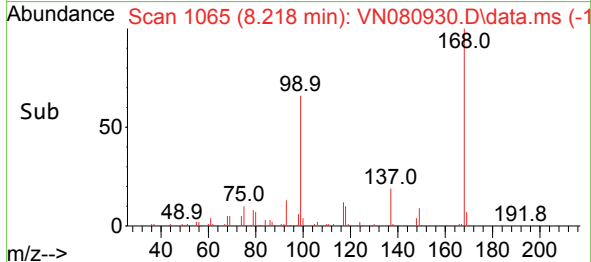
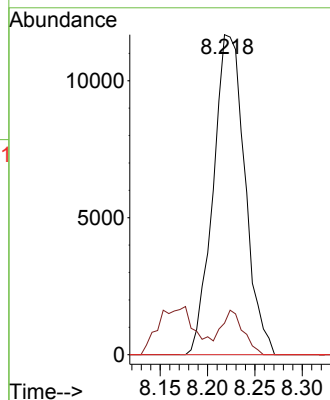
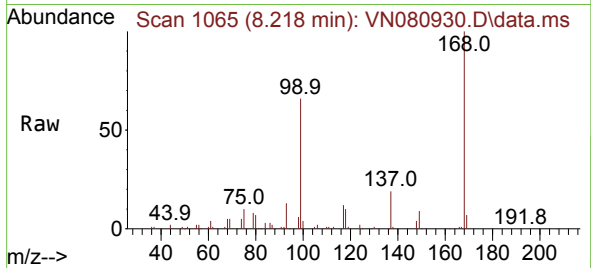




#36
1,1-Dichloropropene
Concen: 5.203 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN080930.D
Acq: 07 Feb 2024 10:41

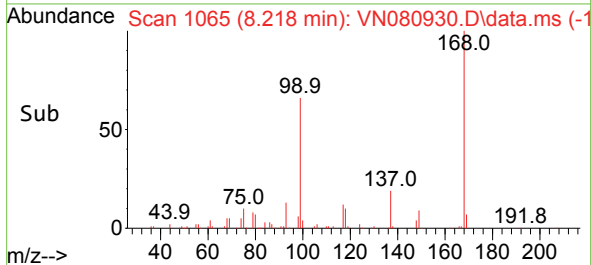
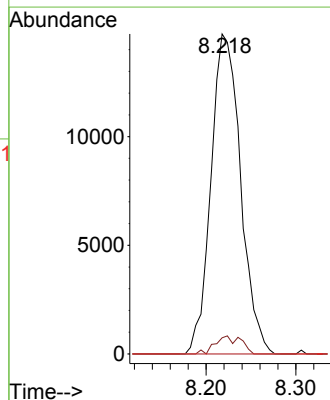
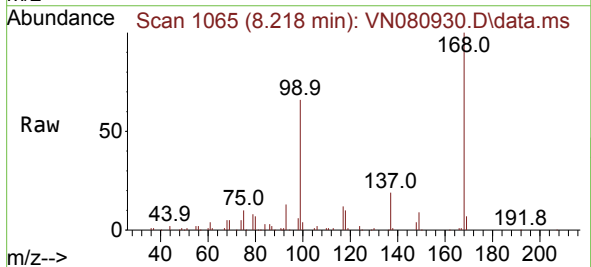
Instrument :
MSVOA_N
ClientSampleId :
VN0207WBL01

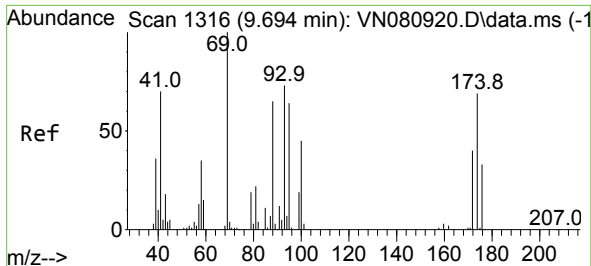
Tgt Ion: 75 Resp: 27181
Ion Ratio Lower Upper
75 100
110 9.5 16.0 48.0#
77 0.0 25.8 38.6#



#38
Carbon Tetrachloride
Concen: 6.301 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN080930.D
Acq: 07 Feb 2024 10:41

Tgt Ion: 117 Resp: 33740
Ion Ratio Lower Upper
117 100
119 5.1 73.4 110.2#
121 0.0 24.4 36.6#





#49

1,4-Dioxane

Concen: 1.124 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.012 min

Lab File: VN080930.D

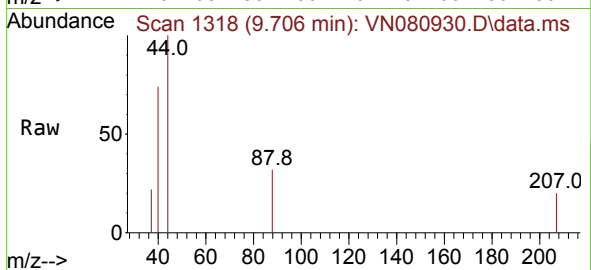
Acq: 07 Feb 2024 10:41

Instrument :

MSVOA_N

ClientSampleId :

VN0207WBL01



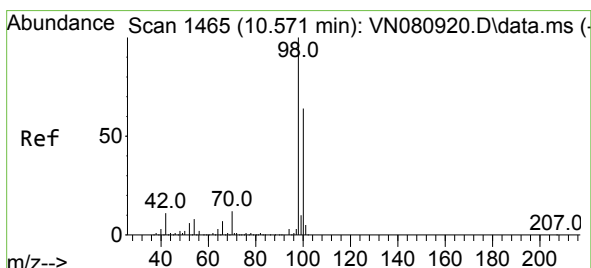
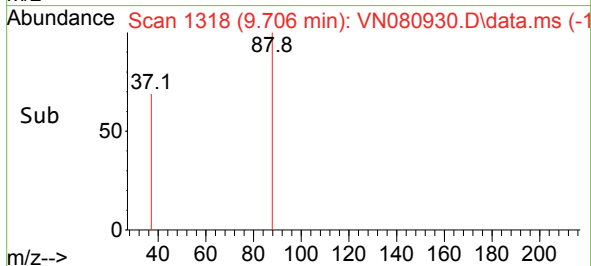
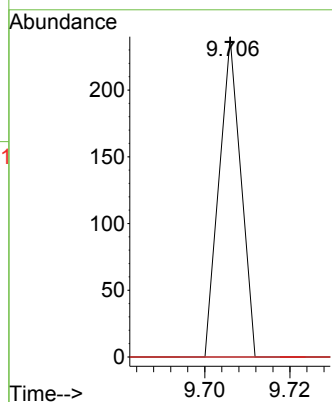
Tgt Ion: 88 Resp: 85

Ion Ratio Lower Upper

88 100

43 0.0 30.1 45.1#

58 0.0 63.9 95.9#



#50

Toluene-d8

Concen: 55.324 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN080930.D

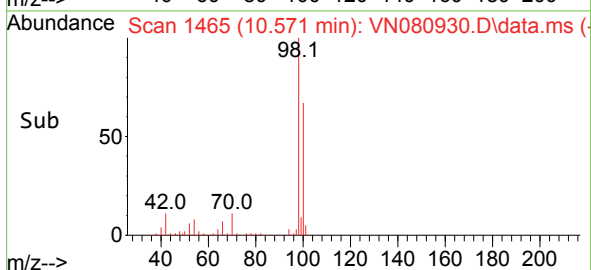
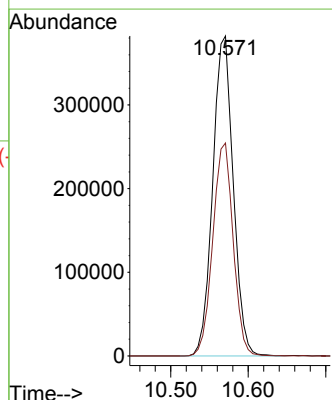
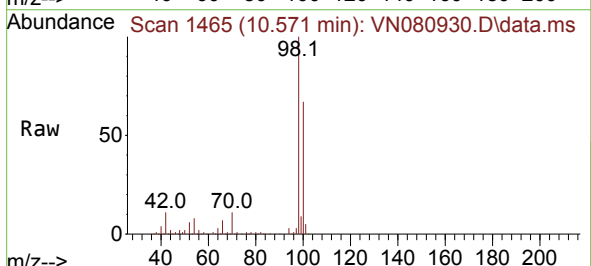
Acq: 07 Feb 2024 10:41

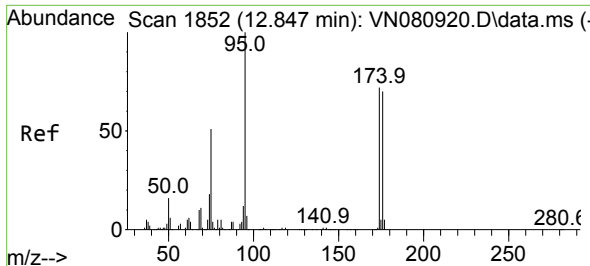
Tgt Ion: 98 Resp: 702673

Ion Ratio Lower Upper

98 100

100 66.1 51.4 77.0

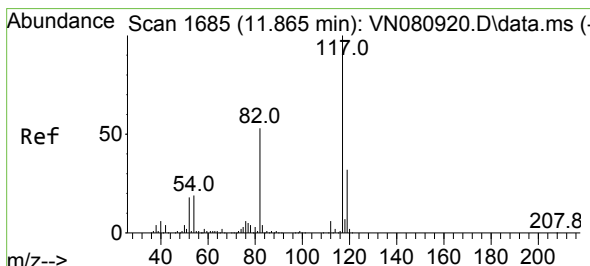
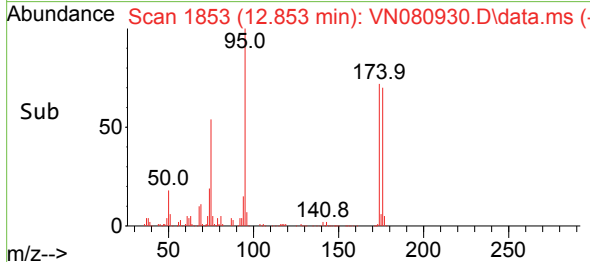
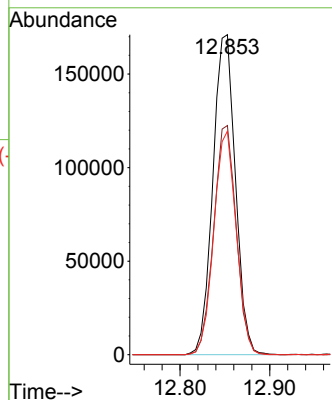
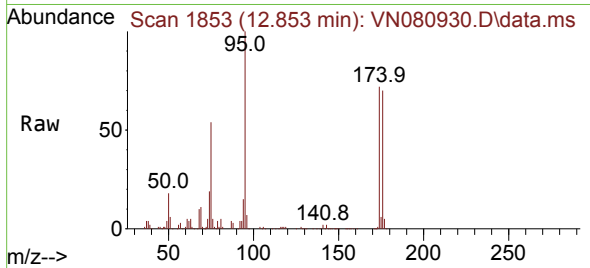




#62
4-Bromofluorobenzene
Concen: 64.557 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080930.D
Acq: 07 Feb 2024 10:41

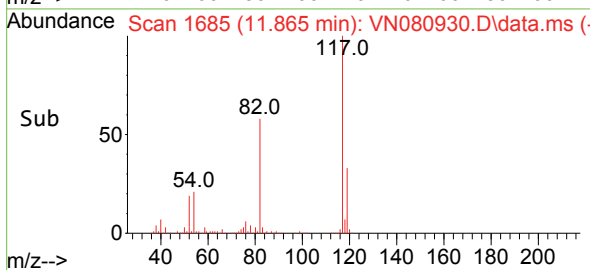
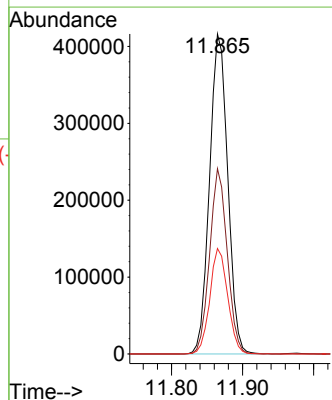
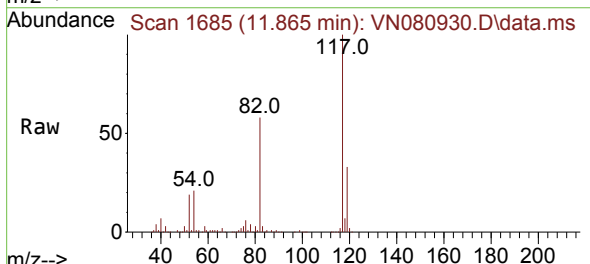
Instrument :
MSVOA_N
ClientSampleId :
VN0207WBL01

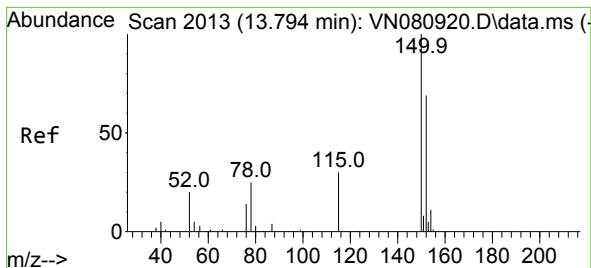
Tgt Ion: 95 Resp: 297863
Ion Ratio Lower Upper
95 100
174 71.6 0.0 120.4
176 69.4 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080930.D
Acq: 07 Feb 2024 10:41

Tgt Ion: 117 Resp: 739464
Ion Ratio Lower Upper
117 100
82 57.9 52.7 79.1
119 32.9 25.3 37.9

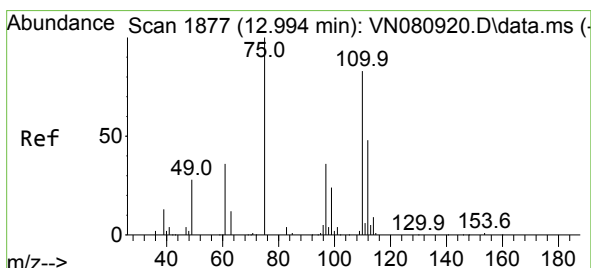
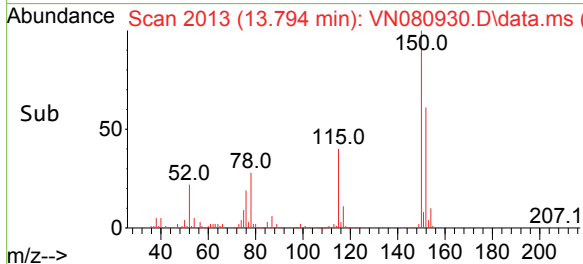
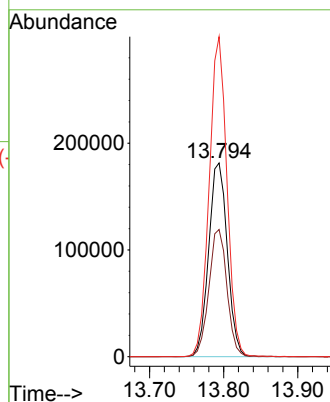
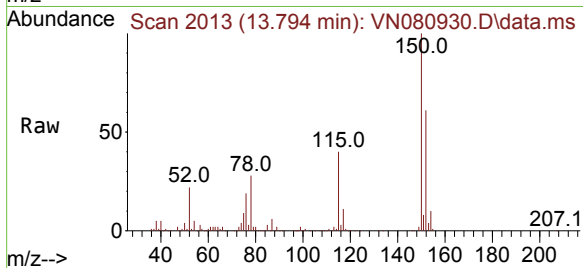




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN080930.D
 Acq: 07 Feb 2024 10:41

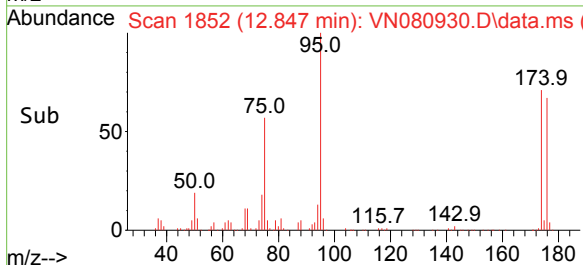
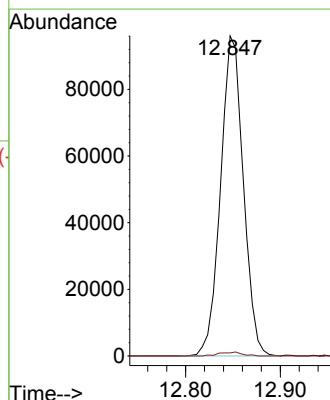
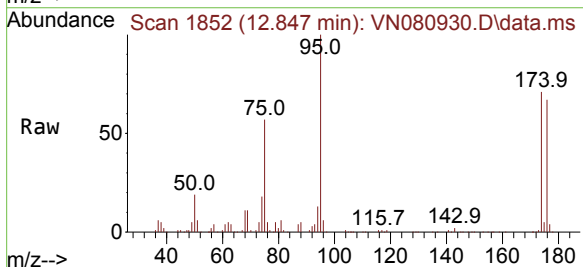
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0207WBL01

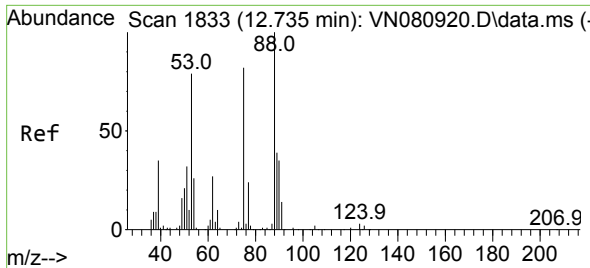
Tgt Ion:152 Resp: 317052
 Ion Ratio Lower Upper
 152 100
 115 63.7 32.3 96.8
 150 157.0 0.0 339.8



#76
 1,2,3-Trichloropropane
 Concen: 24.798 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN080930.D
 Acq: 07 Feb 2024 10:41

Tgt Ion: 75 Resp: 160304
 Ion Ratio Lower Upper
 75 100
 77 1.2 91.0 272.8#

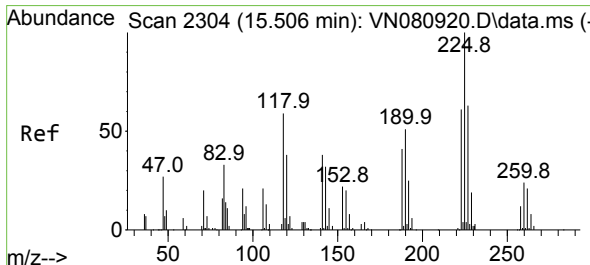
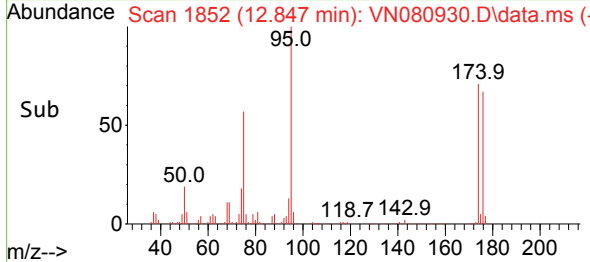
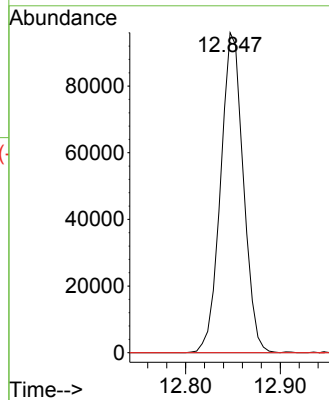
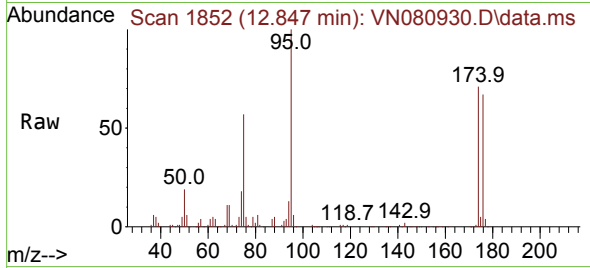




#81
trans-1,4-Dichloro-2-butene
Concen: 67.372 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN080930.D
Acq: 07 Feb 2024 10:41

Instrument :
MSVOA_N
ClientSampleId :
VN0207WBL01

Tgt Ion: 75 Resp: 160304
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 33.4 50.0#



#94
Hexachlorobutadiene
Concen: 0.451 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN080930.D
Acq: 07 Feb 2024 10:41

Tgt Ion: 225 Resp: 1026
Ion Ratio Lower Upper
225 100
223 85.3 33.3 99.8
227 70.2 33.1 99.2

