

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020524\
 Data File : VN080894.D
 Acq On : 05 Feb 2024 14:05
 Operator : JC\MD
 Sample : VN0205WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0205WBL01

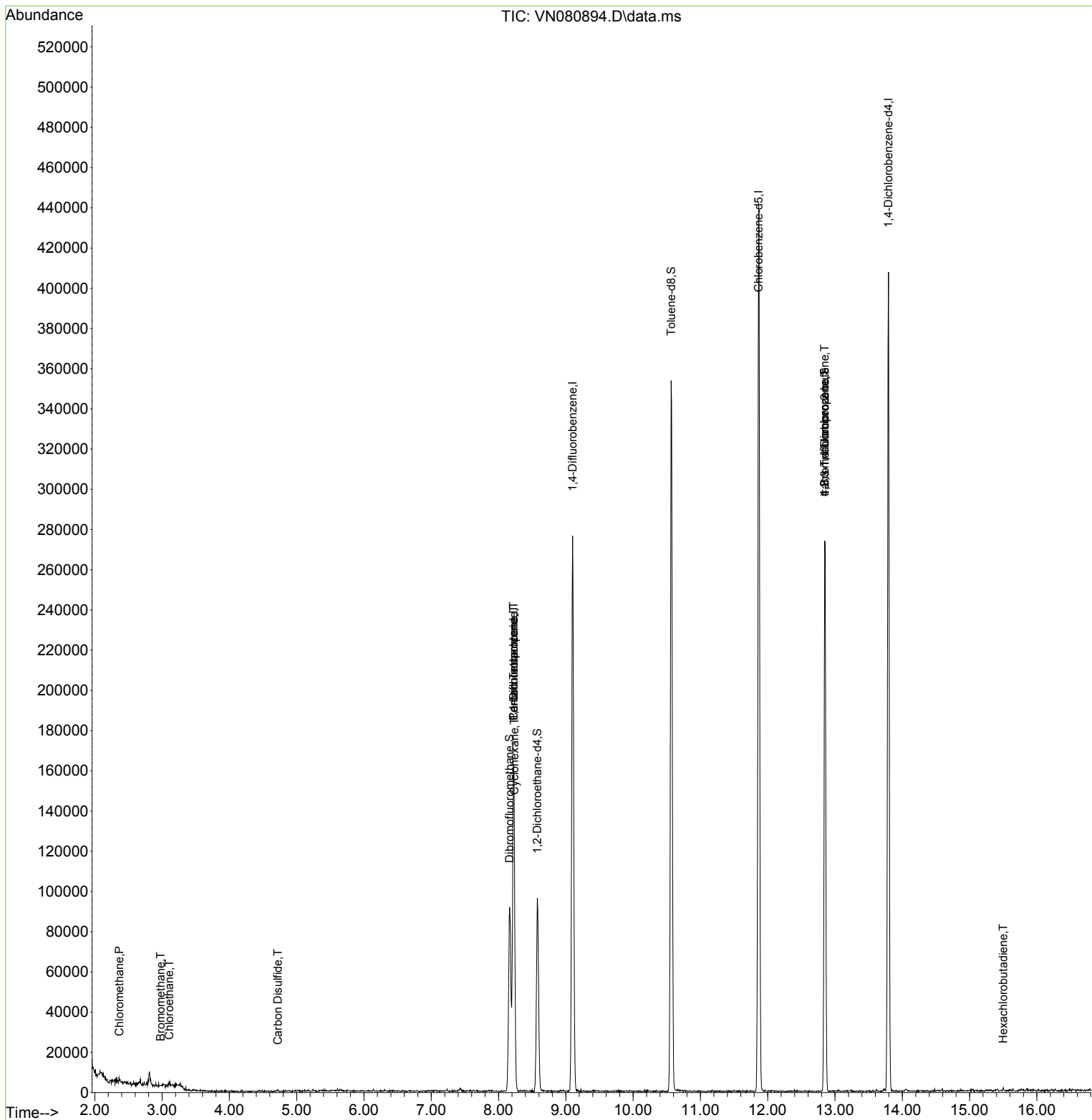
Quant Time: Feb 06 04:41:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

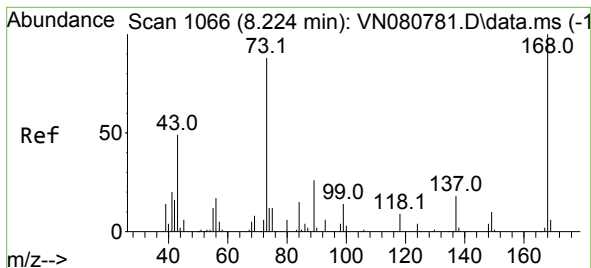
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	99660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	213584	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	222738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	89258	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	70668	40.988	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	81.980%		
35) Dibromofluoromethane	8.165	113	62982	48.199	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.400%		
50) Toluene-d8	10.565	98	228755	44.728	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.460%		
62) 4-Bromofluorobenzene	12.847	95	92419	51.856	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.720%		
Target Compounds						Qvalue
3) Chloromethane	2.365	50	1049	0.471	ug/l #	79
5) Bromomethane	2.977	94	308	0.455	ug/l #	64
6) Chloroethane	3.107	64	199	0.221	ug/l #	42
17) Carbon Disulfide	4.718	76	1047	0.240	ug/l #	78
31) Cyclohexane	8.236	56	3785	1.280	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	12081	4.974	ug/l #	50
38) Carbon Tetrachloride	8.224	117	12134	6.201	ug/l #	18
76) 1,2,3-Trichloropropane	12.847	75	53225	19.771	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	53225	50.935	ug/l #	14
94) Hexachlorobutadiene	15.500	225	222	0.345	ug/l #	32

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

Quant Time: Feb 06 04:41:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

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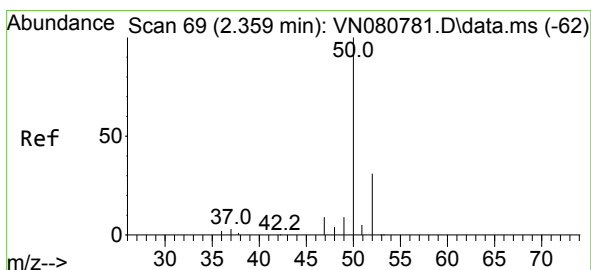
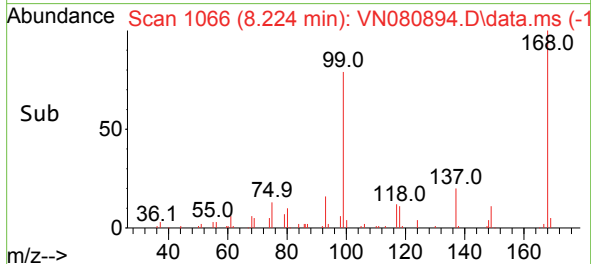
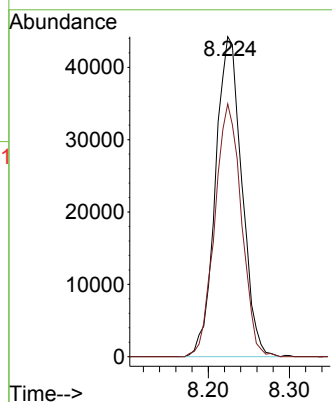
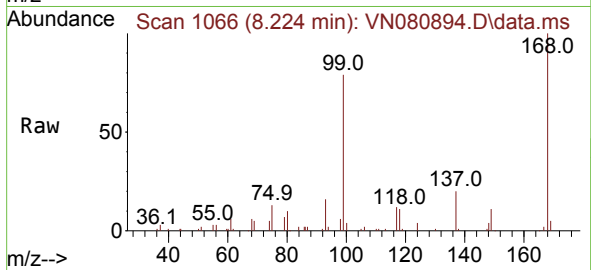
VN0205WBL01

Tgt Ion:168 Resp: 99660

Ion Ratio Lower Upper

168 100

99 79.0 59.9 89.9



#3

Chloromethane

Concen: 0.471 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN080894.D

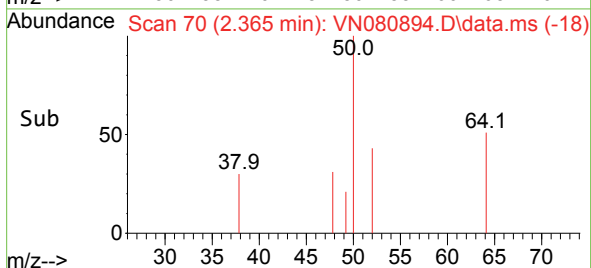
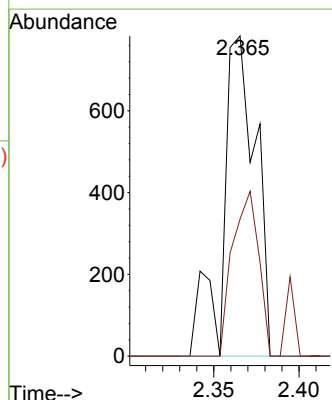
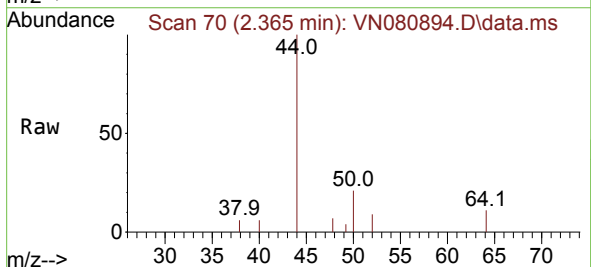
Acq: 05 Feb 2024 14:05

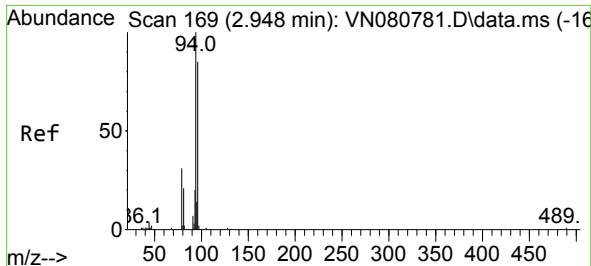
Tgt Ion: 50 Resp: 1049

Ion Ratio Lower Upper

50 100

52 42.8 25.0 37.4#

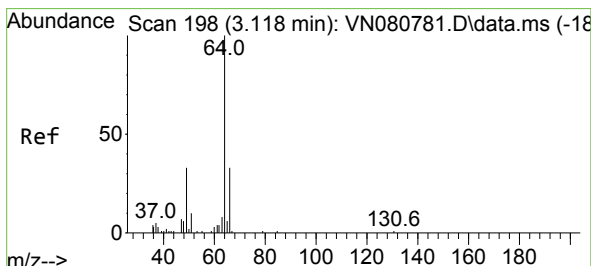
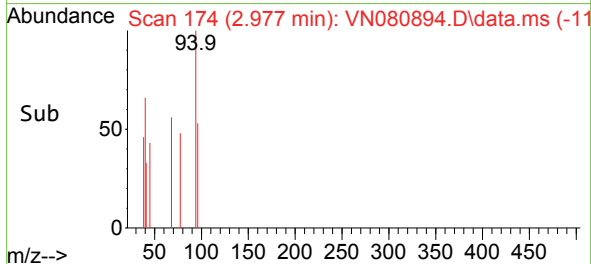
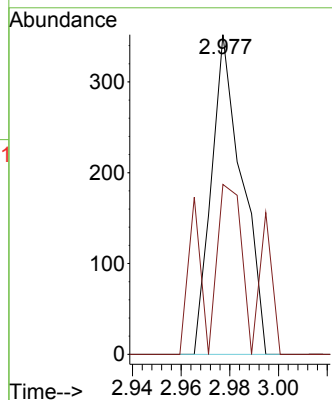
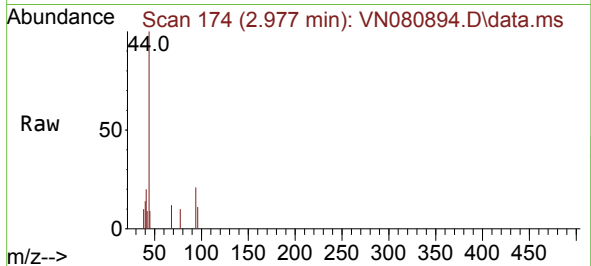




#5
Bromomethane
Concen: 0.455 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.030 min
Lab File: VN080894.D
Acq: 05 Feb 2024 14:05

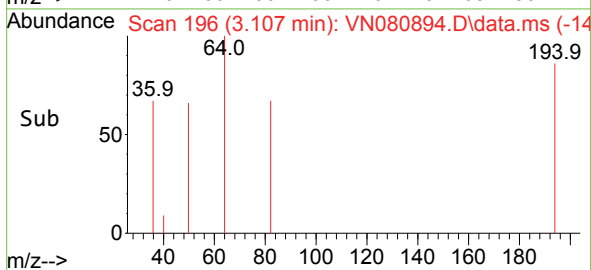
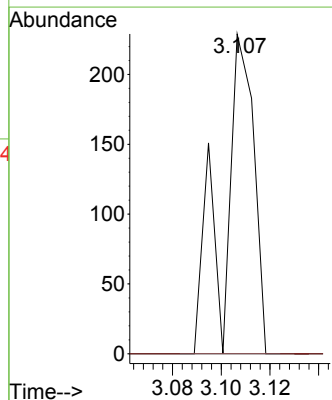
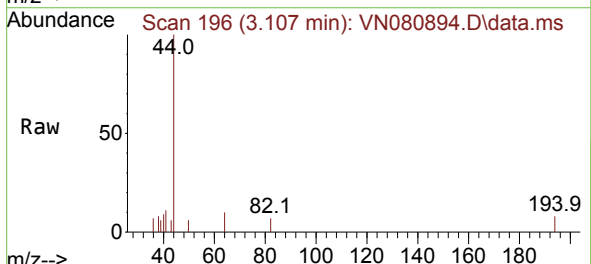
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VN0205WBL01

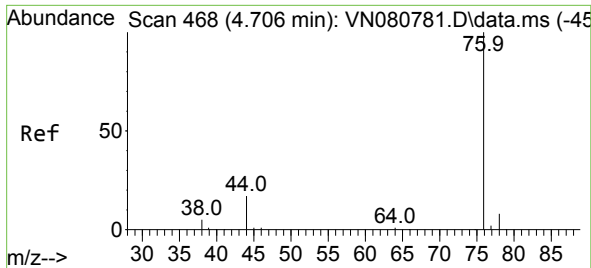
Tgt Ion: 94 Resp: 308
Ion Ratio Lower Upper
94 100
96 53.1 69.2 103.8#



#6
Chloroethane
Concen: 0.221 ug/l
RT: 3.107 min Scan# 196
Delta R.T. -0.012 min
Lab File: VN080894.D
Acq: 05 Feb 2024 14:05

Tgt Ion: 64 Resp: 199
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#

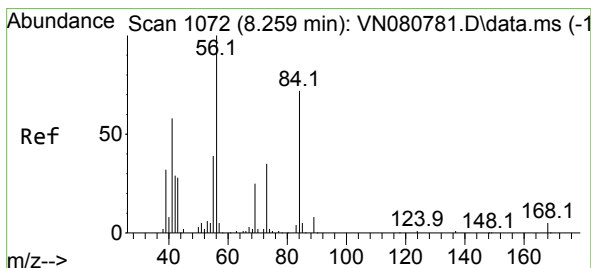
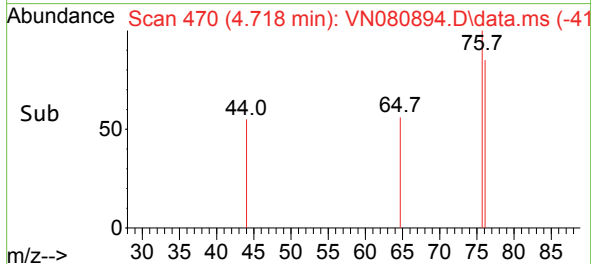
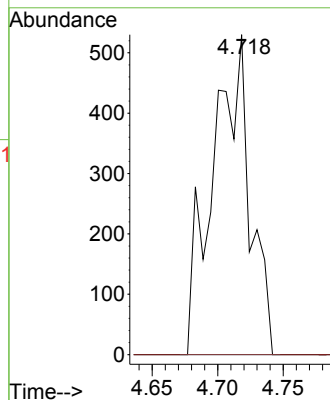
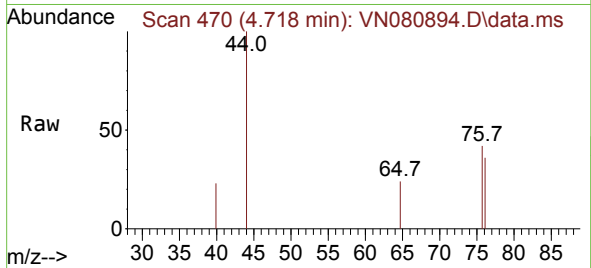




#17
Carbon Disulfide
Concen: 0.240 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN080894.D
Acq: 05 Feb 2024 14:05

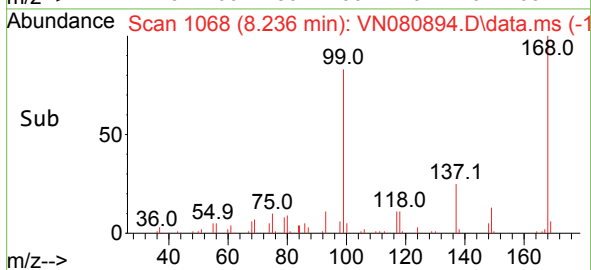
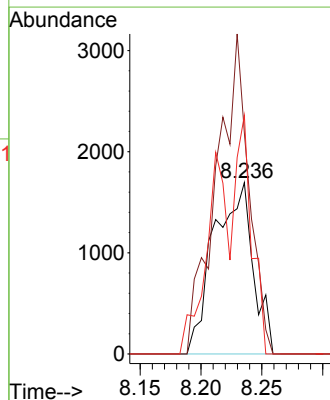
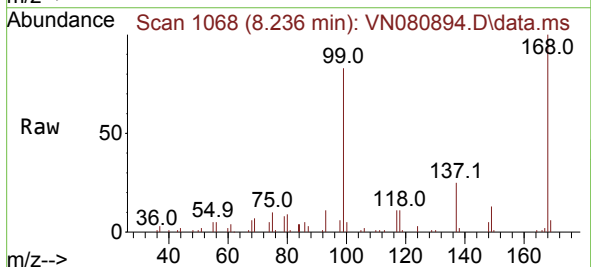
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MSVOA_N
ClientSampleId :
VN0205WBL01

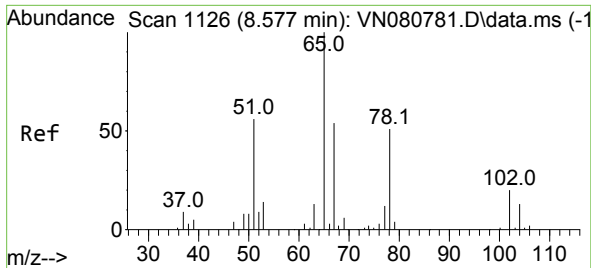
Tgt Ion: 76 Resp: 1047
Ion Ratio Lower Upper
76 100
78 0.0 6.3 9.5#



#31
Cyclohexane
Concen: 1.280 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.023 min
Lab File: VN080894.D
Acq: 05 Feb 2024 14:05

Tgt Ion: 56 Resp: 3785
Ion Ratio Lower Upper
56 100
69 129.0 20.1 30.1#
84 139.2 56.9 85.3#

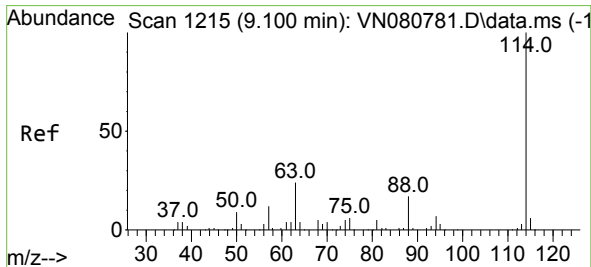
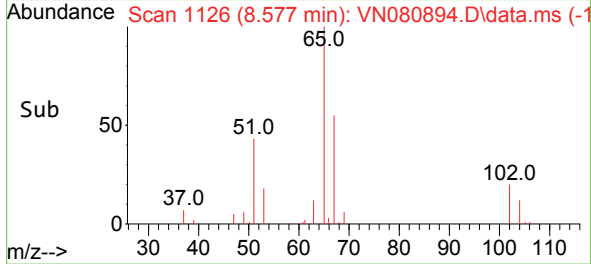
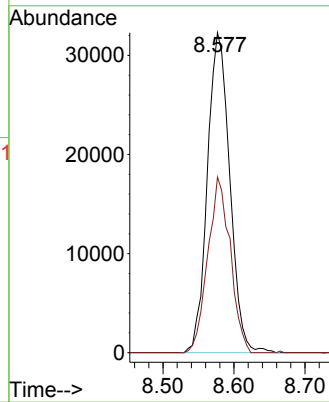
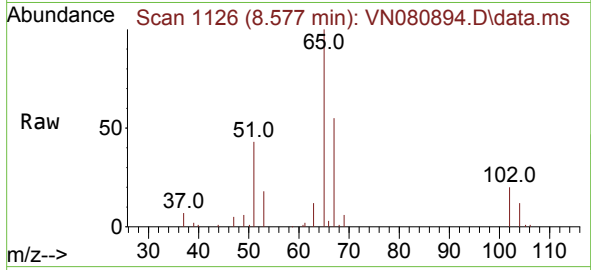




#33
1,2-Dichloroethane-d4
Concen: 40.988 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080894.D
Acq: 05 Feb 2024 14:05

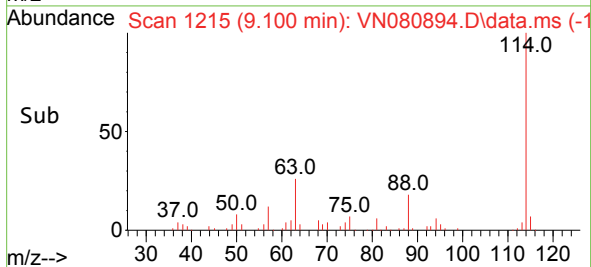
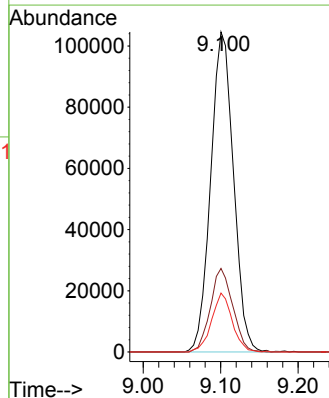
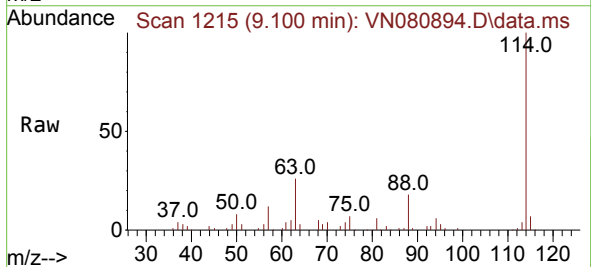
Instrument :
MSVOA_N
ClientSampleId :
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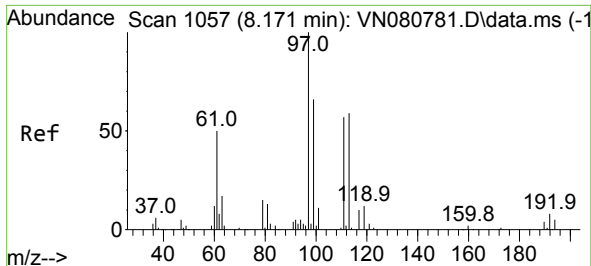
Tgt Ion: 65 Resp: 70668
Ion Ratio Lower Upper
65 100
67 55.0 0.0 102.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN080894.D
Acq: 05 Feb 2024 14:05

Tgt Ion: 114 Resp: 213584
Ion Ratio Lower Upper
114 100
63 26.1 0.0 48.0
88 18.4 0.0 34.8

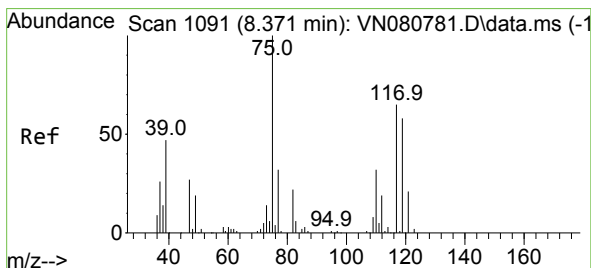
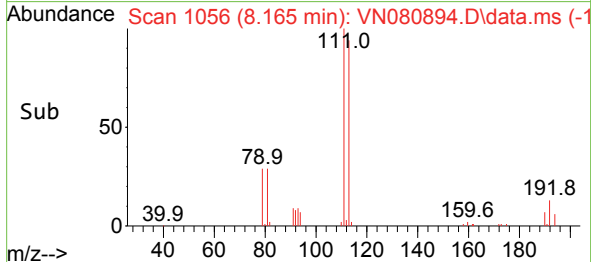
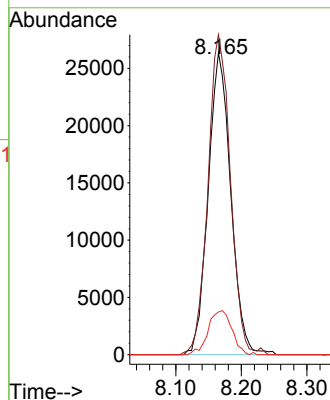
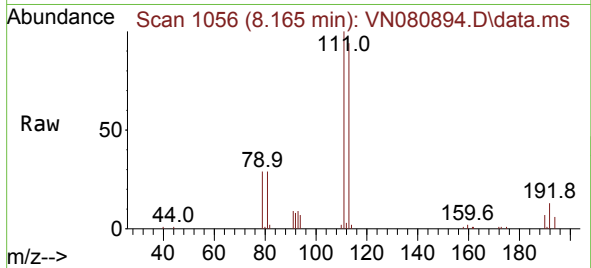




#35
 Dibromofluoromethane
 Concen: 48.199 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.006 min
 Lab File: VN080894.D
 Acq: 05 Feb 2024 14:05

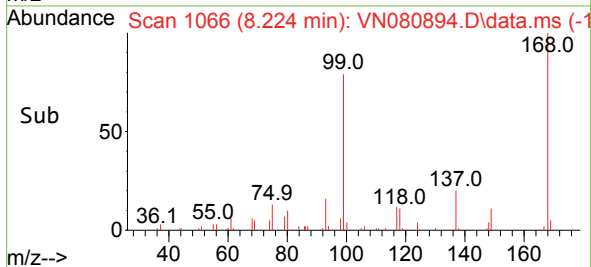
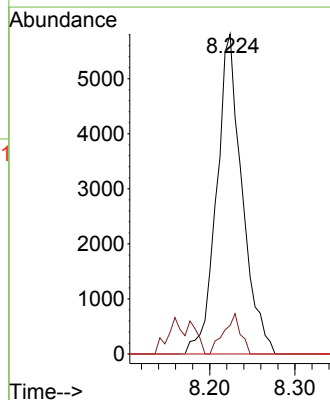
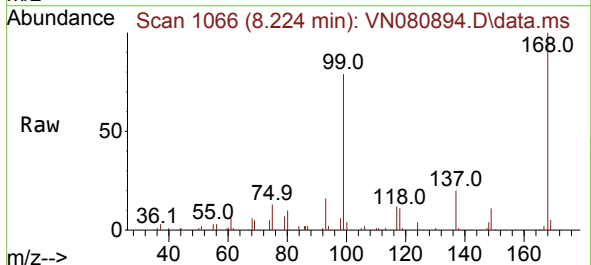
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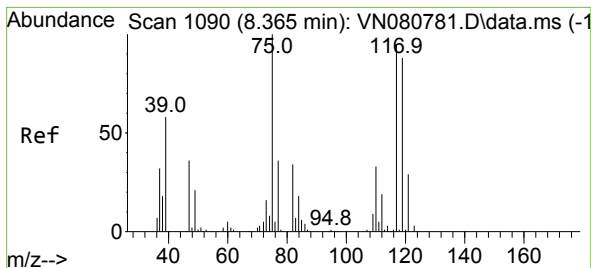
Tgt Ion:113 Resp: 62982
 Ion Ratio Lower Upper
 113 100
 111 105.7 82.2 123.4
 192 15.3 12.5 18.7



#36
 1,1-Dichloropropene
 Concen: 4.974 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.147 min
 Lab File: VN080894.D
 Acq: 05 Feb 2024 14:05

Tgt Ion: 75 Resp: 12081
 Ion Ratio Lower Upper
 75 100
 110 8.3 16.0 48.0#
 77 0.0 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 6.201 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN080894.D

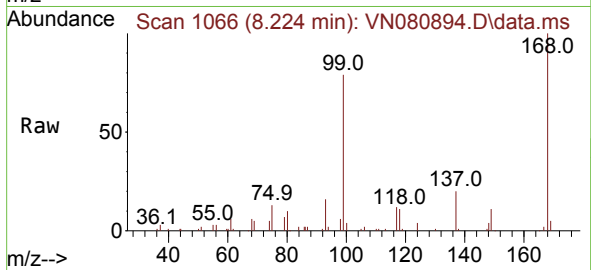
Acq: 05 Feb 2024 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0205WBL01



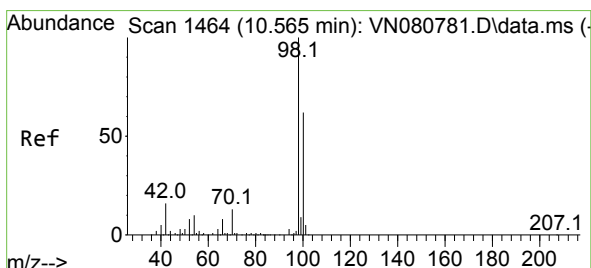
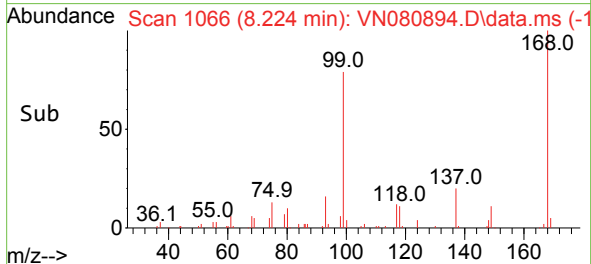
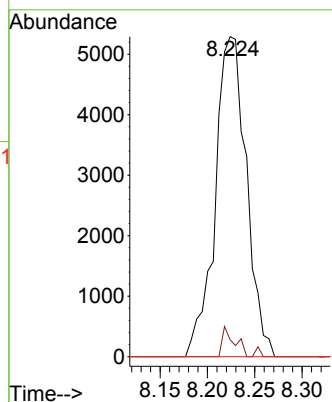
Tgt Ion:117 Resp: 12134

Ion Ratio Lower Upper

117 100

119 5.3 73.4 110.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 44.728 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN080894.D

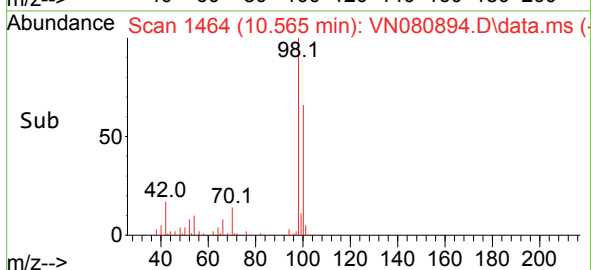
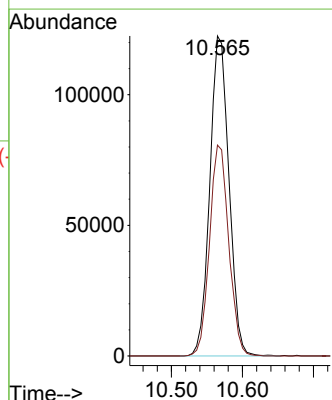
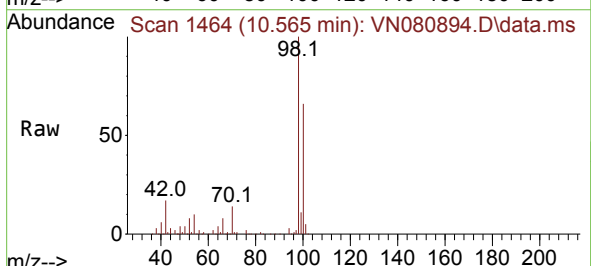
Acq: 05 Feb 2024 14:05

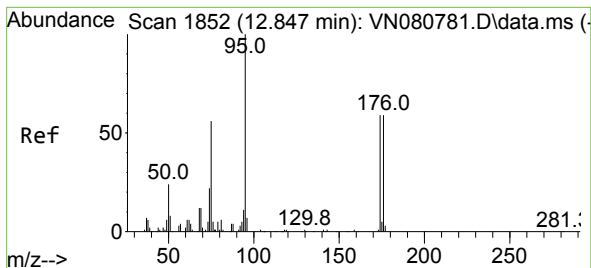
Tgt Ion: 98 Resp: 228755

Ion Ratio Lower Upper

98 100

100 66.3 51.4 77.0

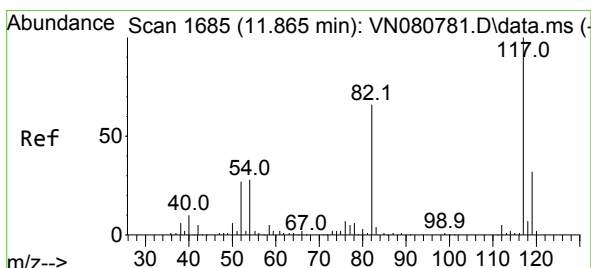
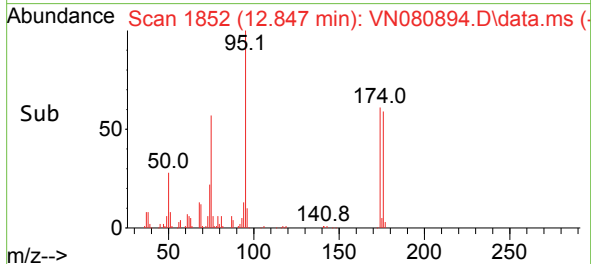
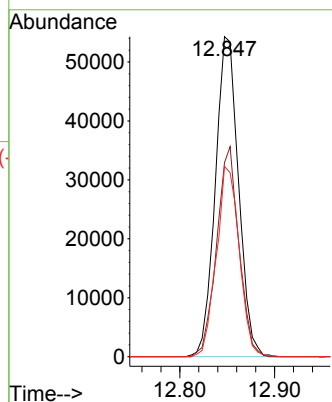
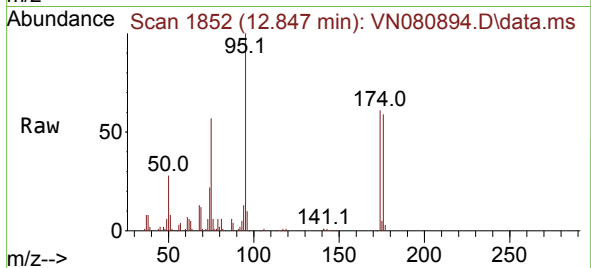




#62
4-Bromofluorobenzene
Concen: 51.856 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080894.D
Acq: 05 Feb 2024 14:05

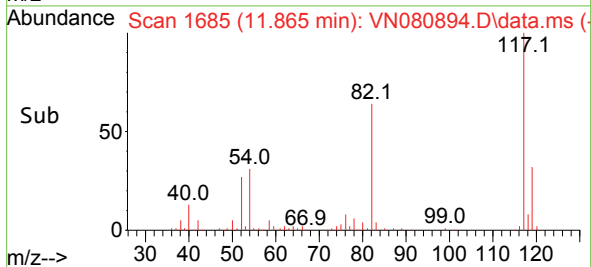
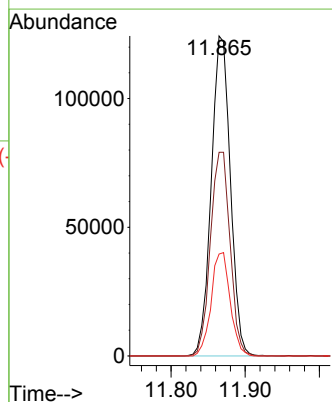
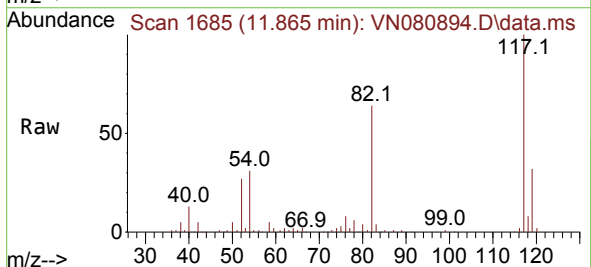
Instrument :
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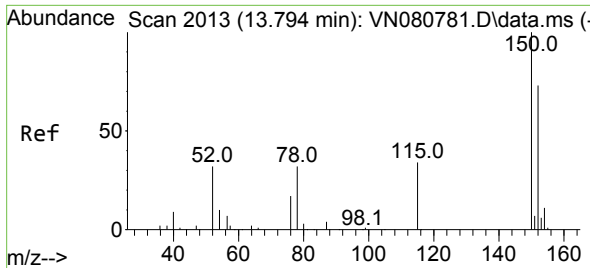
Tgt Ion: 95 Resp: 92419
Ion Ratio Lower Upper
95 100
174 62.8 0.0 120.4
176 58.7 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080894.D
Acq: 05 Feb 2024 14:05

Tgt Ion: 117 Resp: 222738
Ion Ratio Lower Upper
117 100
82 63.6 52.7 79.1
119 31.8 25.3 37.9

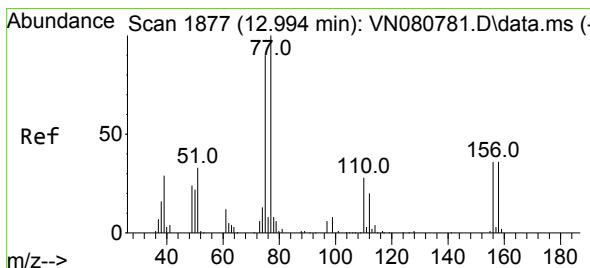
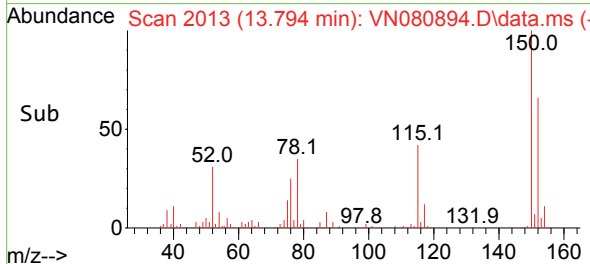
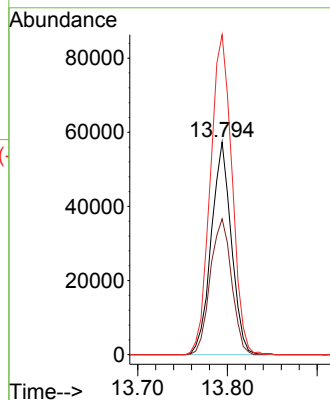
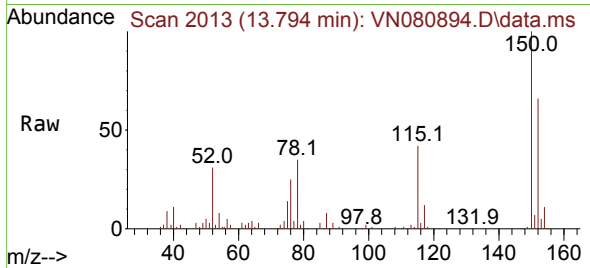




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN080894.D
 Acq: 05 Feb 2024 14:05

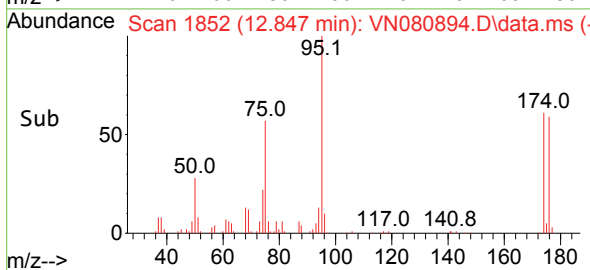
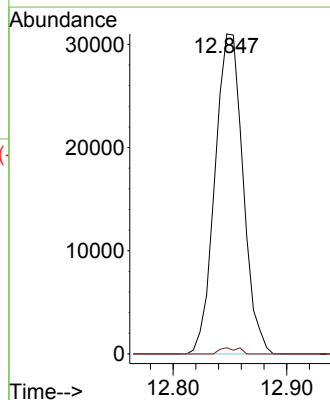
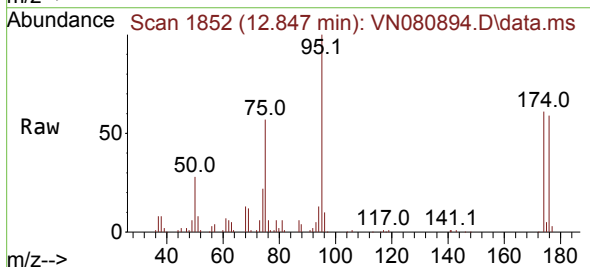
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0205WBL01

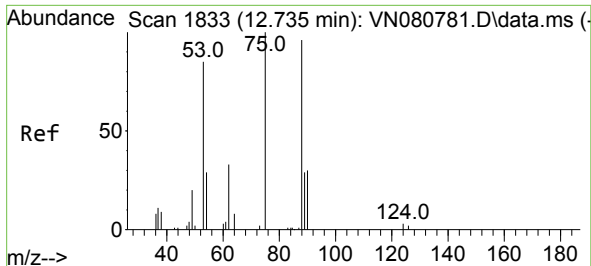
Tgt Ion:152 Resp: 89258
 Ion Ratio Lower Upper
 152 100
 115 67.5 32.3 96.8
 150 161.8 0.0 339.8



#76
 1,2,3-Trichloropropane
 Concen: 19.771 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN080894.D
 Acq: 05 Feb 2024 14:05

Tgt Ion: 75 Resp: 53225
 Ion Ratio Lower Upper
 75 100
 77 1.3 91.0 272.8#

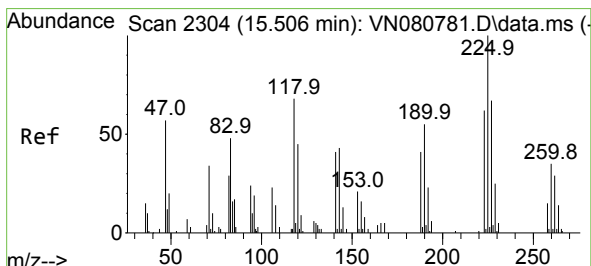
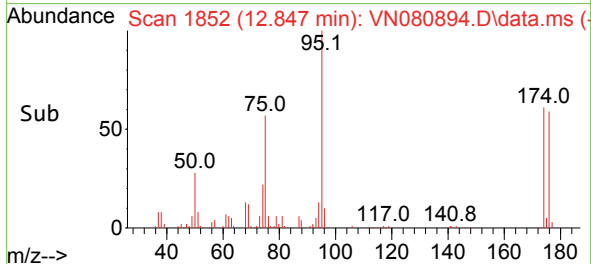
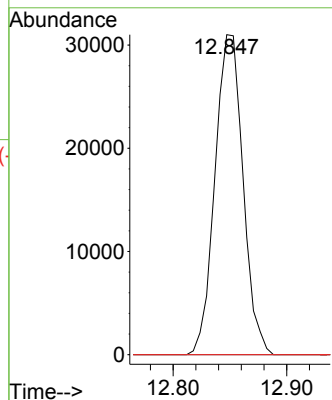
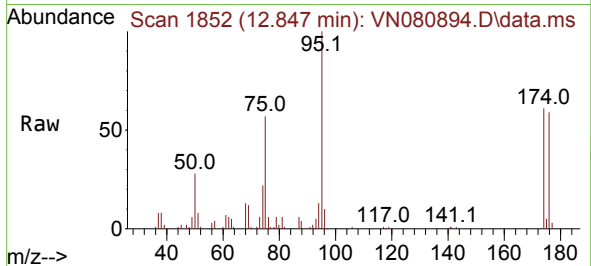




#81
trans-1,4-Dichloro-2-butene
Concen: 50.935 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN080894.D
Acq: 05 Feb 2024 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN0205WBL01

Tgt Ion: 75 Resp: 53225
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 33.4 50.0#



#94
Hexachlorobutadiene
Concen: 0.345 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN080894.D
Acq: 05 Feb 2024 14:05

Tgt Ion: 225 Resp: 222
Ion Ratio Lower Upper
225 100
223 0.0 33.3 99.8#
227 24.3 33.1 99.2#

