

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120423\
 Data File : VN080339.D
 Acq On : 04 Dec 2023 15:34
 Operator : JC\MD
 Sample : 05612-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 05 04:16:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

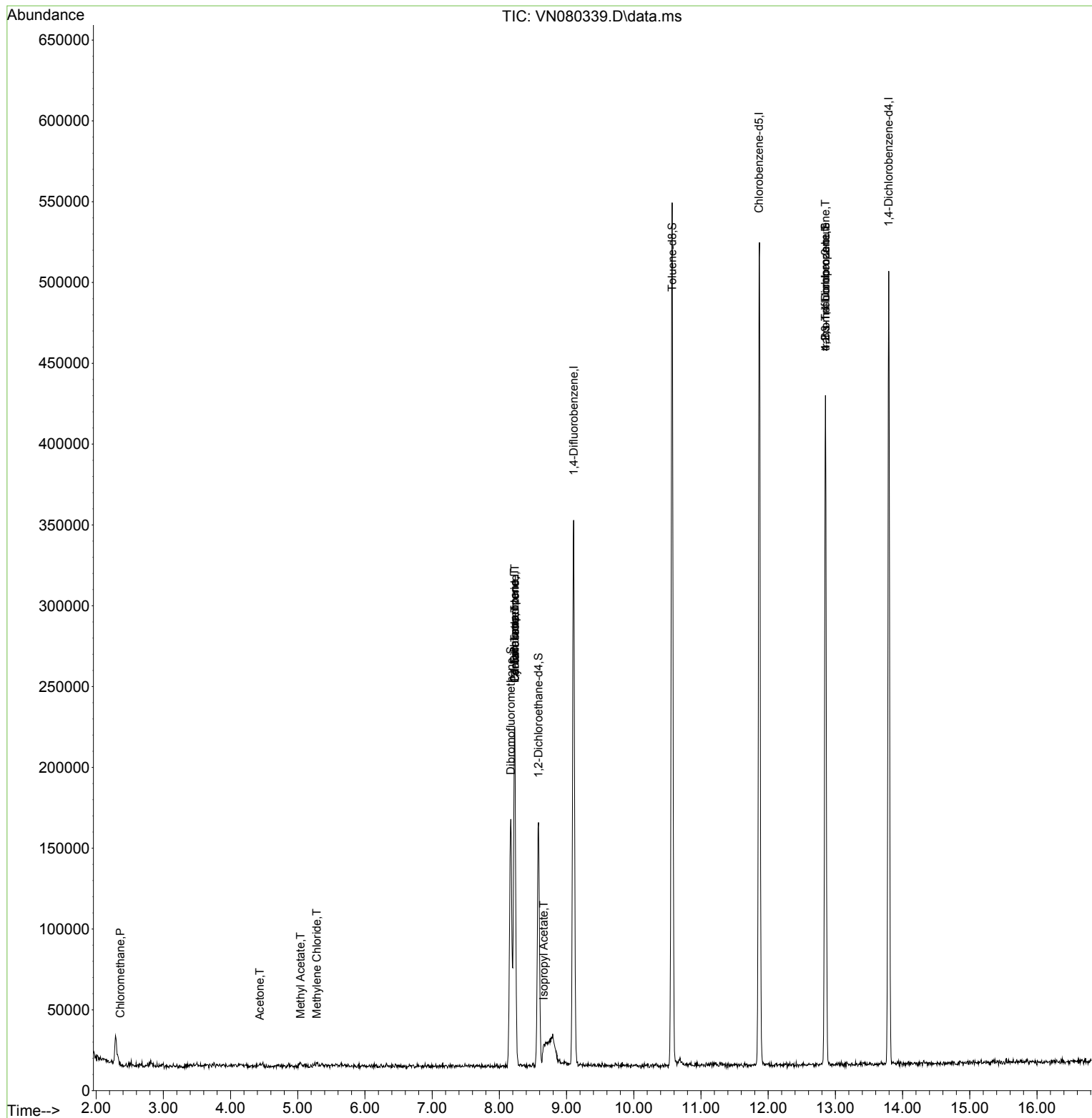
Internal Standards						
1) Pentafluorobenzene	8.230	168	144082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	275953	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	293508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	129515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	136363	57.319	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.640%	
35) Dibromofluoromethane	8.171	113	106823	52.463	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.920%	
50) Toluene-d8	10.571	98	366308	49.906	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.820%	
62) 4-Bromofluorobenzene	12.853	95	141682	51.104	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.200%	
Target Compounds						Qvalue
3) Chloromethane	2.359	50	327	0.203	ug/l #	42
6) Chloroethane	3.159	64	200	Below Cal	#	43
16) Acetone	4.436	43	1813	2.269	ug/l #	82
18) Methyl Acetate	5.041	43	2896	1.128	ug/l #	72
20) Methylene Chloride	5.283	84	1845	1.103	ug/l #	81
31) Cyclohexane	8.230	56	3349	1.294	ug/l #	59
36) 1,1-Dichloropropene	8.224	75	12180	4.132	ug/l #	49
38) Carbon Tetrachloride	8.230	117	16976	4.538	ug/l #	16
43) Isopropyl Acetate	8.659	43	5651	1.420	ug/l #	49
76) 1,2,3-Trichloropropane	12.853	75	79527	25.061	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	79527	84.671	ug/l #	15

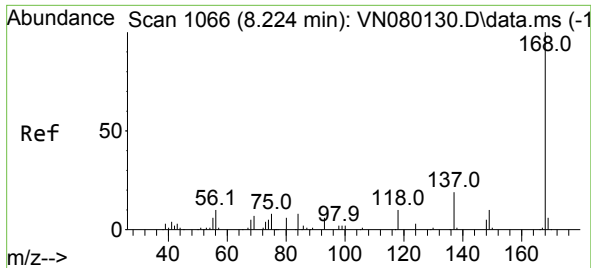
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 05 04:16:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration

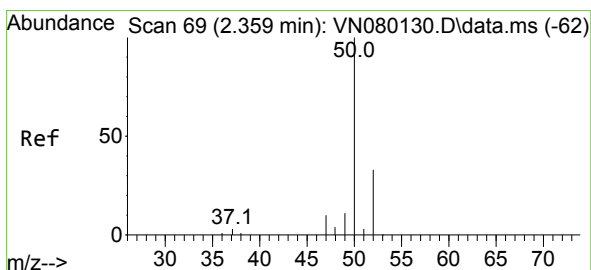
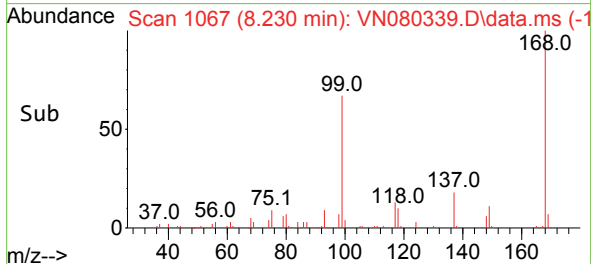
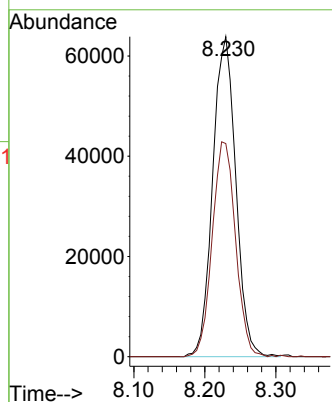
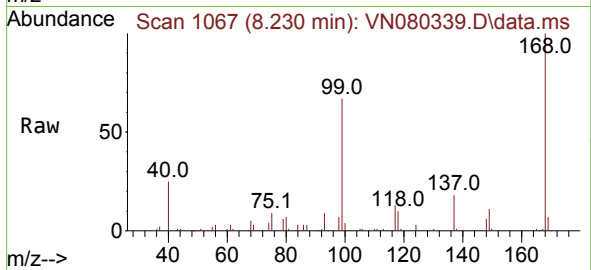




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN080339.D
Acq: 04 Dec 2023 15:34

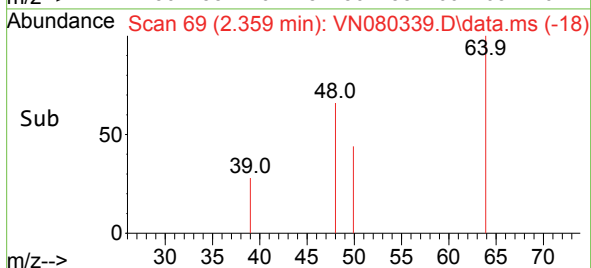
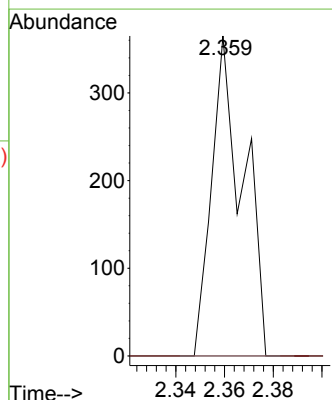
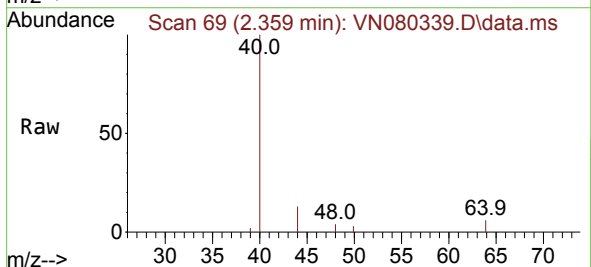
Instrument :
MSVOA_N
ClientSampleId :

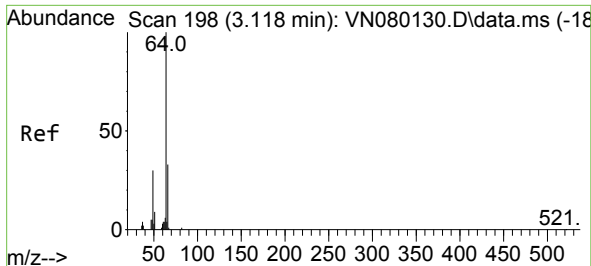
Tgt Ion:168 Resp: 144082
Ion Ratio Lower Upper
168 100
99 66.6 53.0 79.6



#3
Chloromethane
Concen: 0.203 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN080339.D
Acq: 04 Dec 2023 15:34

Tgt Ion: 50 Resp: 327
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

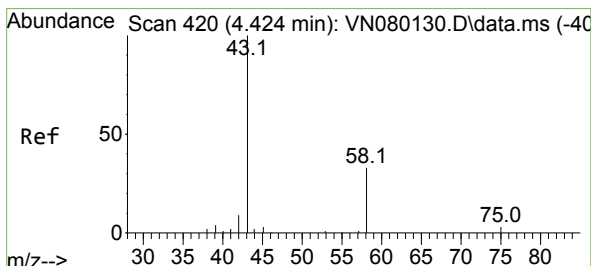
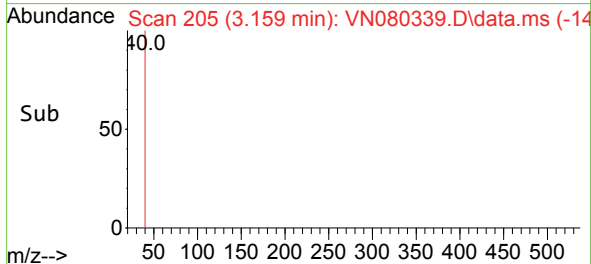
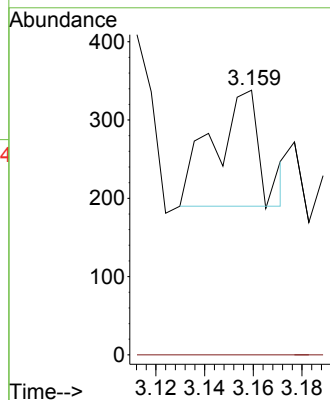
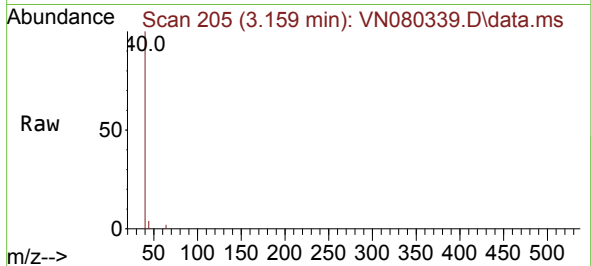




#6
Chloroethane
Concen: Below Cal
RT: 3.159 min Scan# 205
Delta R.T. 0.041 min
Lab File: VN080339.D
Acq: 04 Dec 2023 15:34

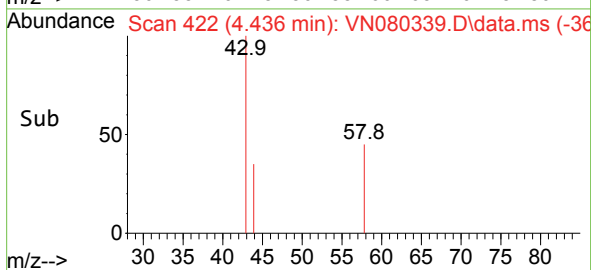
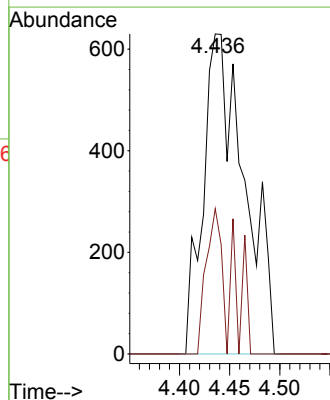
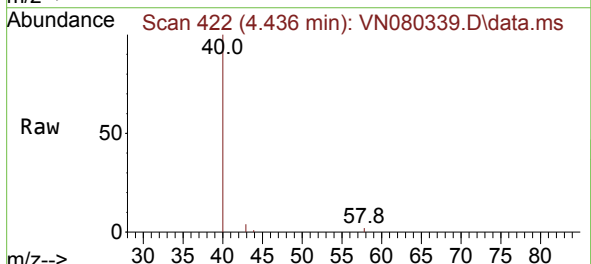
Instrument :
MSVOA_N
ClientSampleId :

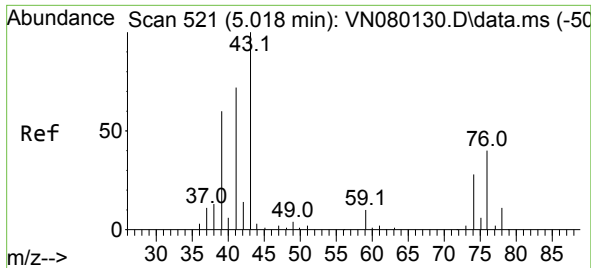
Tgt Ion: 64 Resp: 200
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#16
Acetone
Concen: 2.269 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN080339.D
Acq: 04 Dec 2023 15:34

Tgt Ion: 43 Resp: 1813
Ion Ratio Lower Upper
43 100
58 45.4 28.0 42.0#

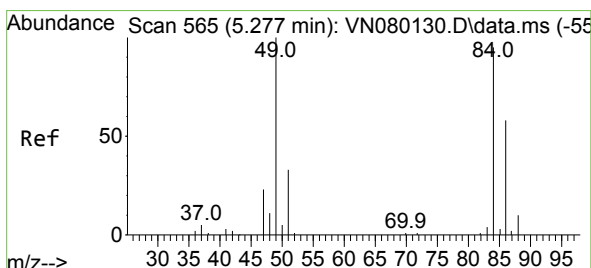
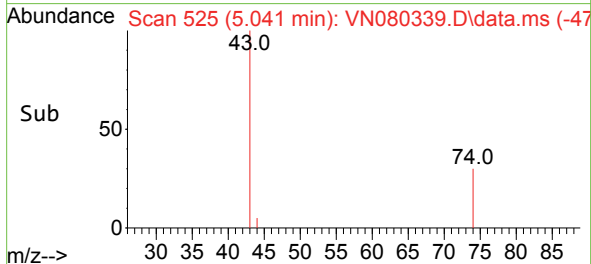
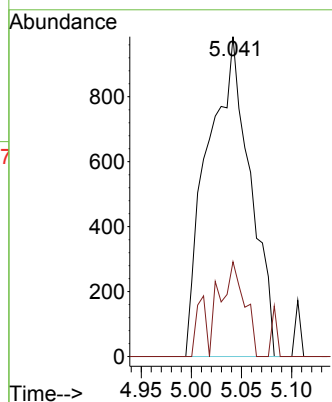
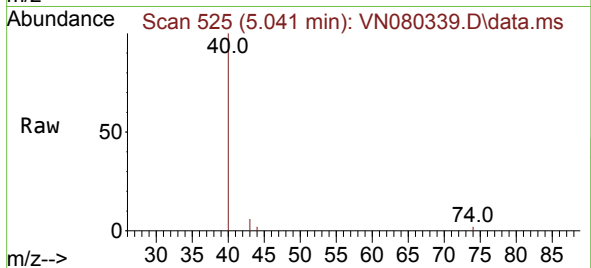




#18
Methyl Acetate
Concen: 1.128 ug/l
RT: 5.041 min Scan# 51
Delta R.T. 0.023 min
Lab File: VN080339.D
Acq: 04 Dec 2023 15:34

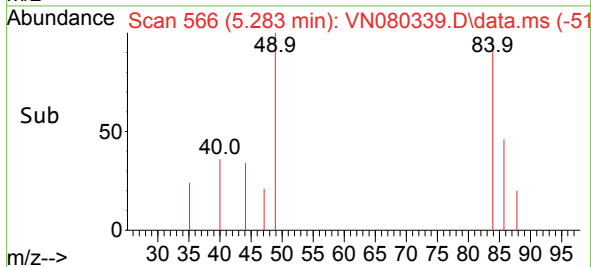
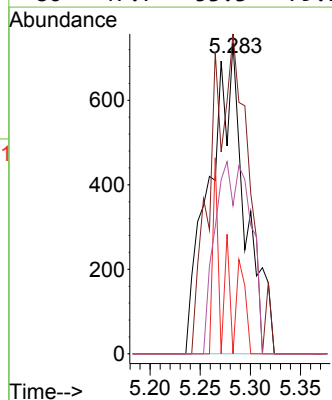
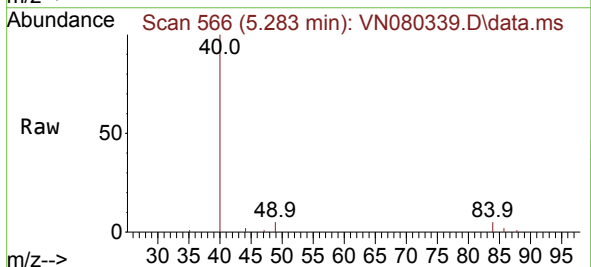
Instrument :
MSVOA_N
ClientSampleId :

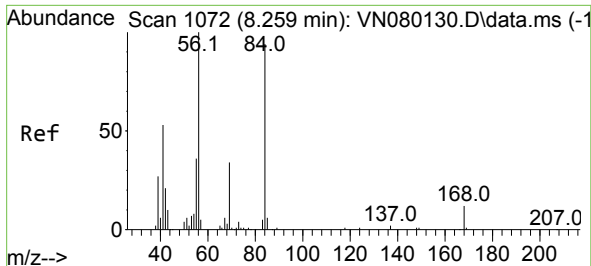
Tgt Ion: 43 Resp: 2896
Ion Ratio Lower Upper
43 100
74 17.2 26.2 39.4#



#20
Methylene Chloride
Concen: 1.103 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN080339.D
Acq: 04 Dec 2023 15:34

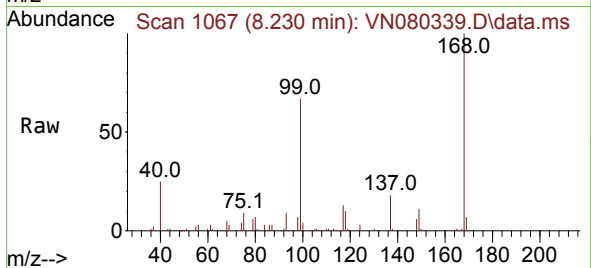
Tgt Ion: 84 Resp: 1845
Ion Ratio Lower Upper
84 100
49 102.9 79.7 119.5
51 0.0 25.2 37.8#
86 47.7 53.3 79.9#



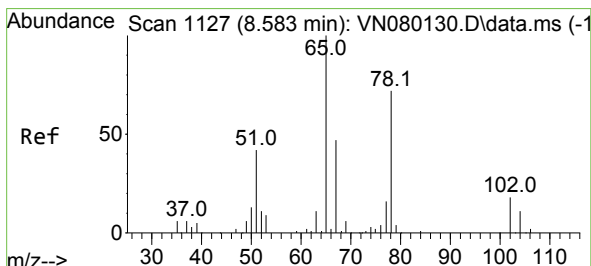
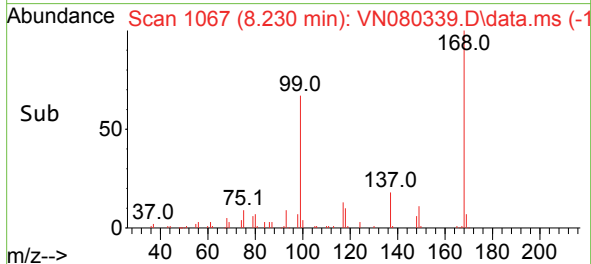
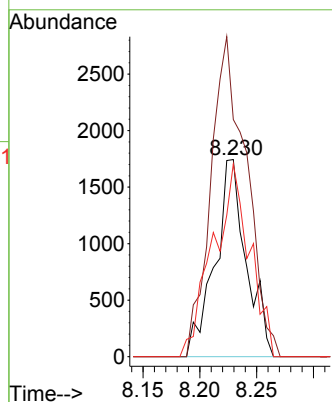


#31
Cyclohexane
Concen: 1.294 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.030 min
Lab File: VN080339.D
Acq: 04 Dec 2023 15:34

Instrument :
MSVOA_N
ClientSampleId :

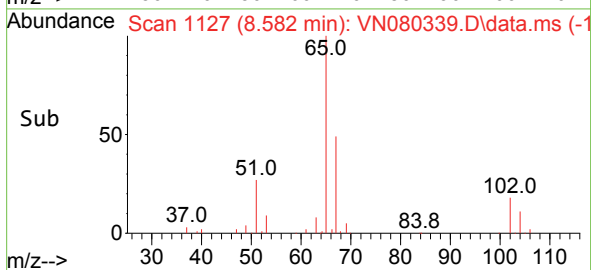
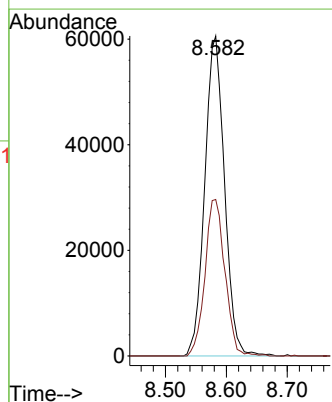
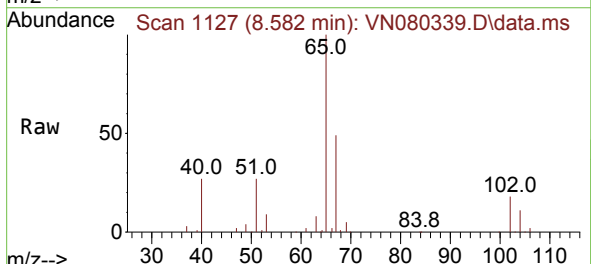


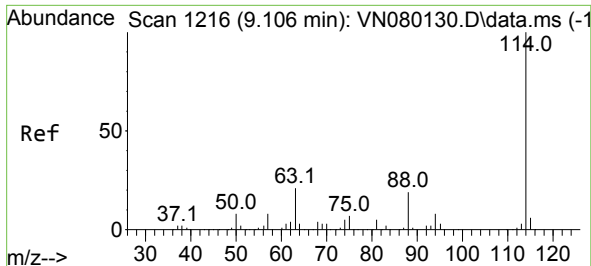
Tgt Ion: 56 Resp: 3349
Ion Ratio Lower Upper
56 100
69 120.3 26.8 40.2#
84 97.8 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 57.319 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080339.D
Acq: 04 Dec 2023 15:34

Tgt Ion: 65 Resp: 136363
Ion Ratio Lower Upper
65 100
67 49.5 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080339.D

Acq: 04 Dec 2023 15:34

Instrument :

MSVOA_N

ClientSampleId :

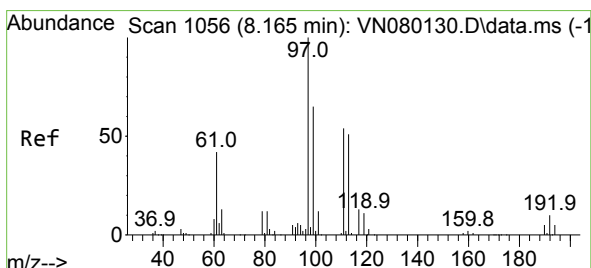
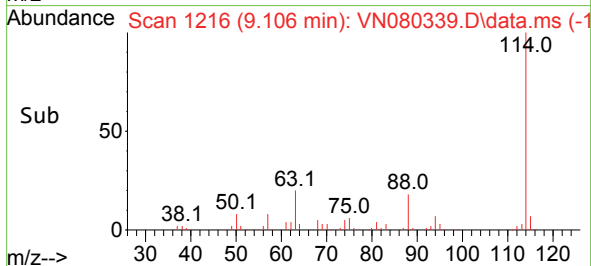
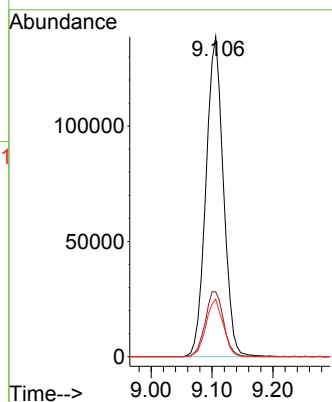
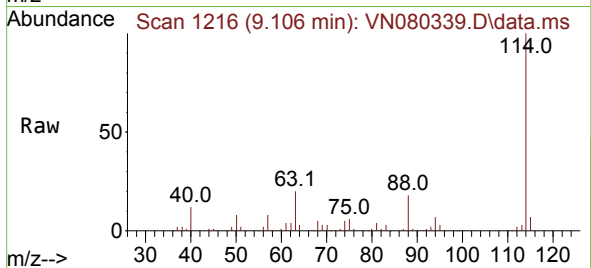
Tgt Ion:114 Resp: 275953

Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

88 18.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.463 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080339.D

Acq: 04 Dec 2023 15:34

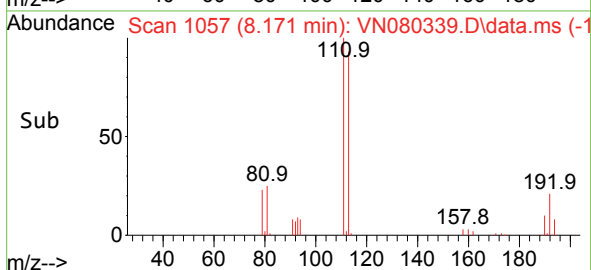
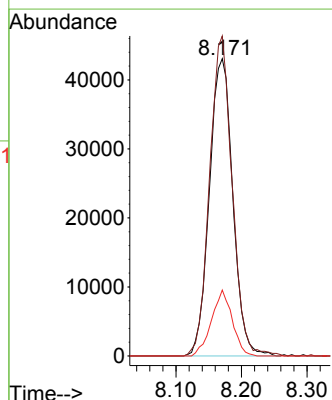
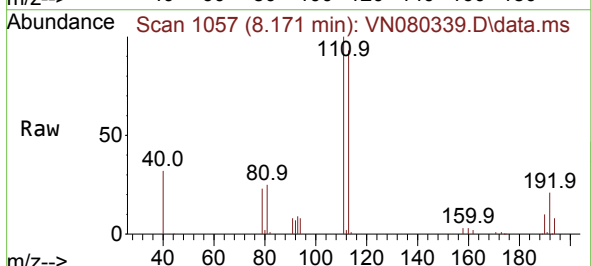
Tgt Ion:113 Resp: 106823

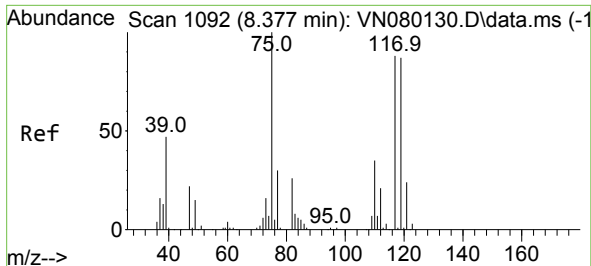
Ion Ratio Lower Upper

113 100

111 103.8 82.6 123.8

192 19.7 12.7 19.1#

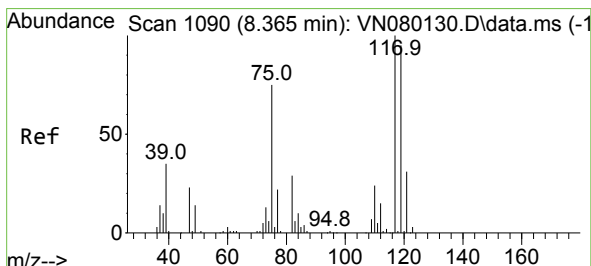
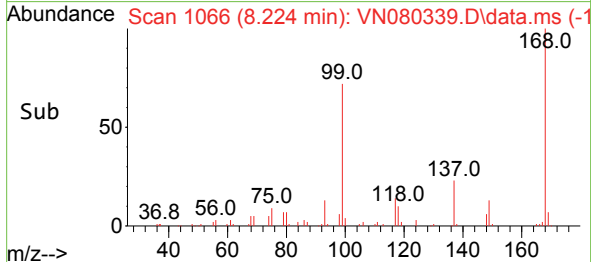
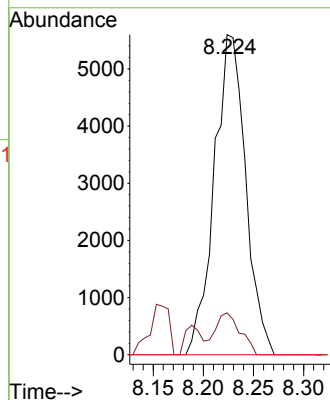
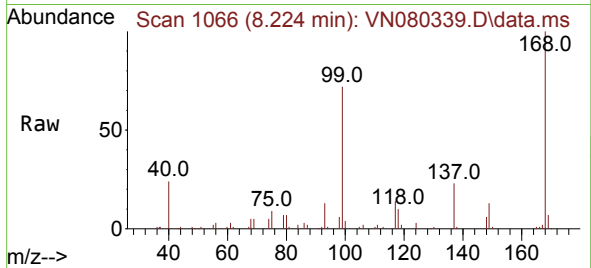




#36
1,1-Dichloropropene
Concen: 4.132 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN080339.D
Acq: 04 Dec 2023 15:34

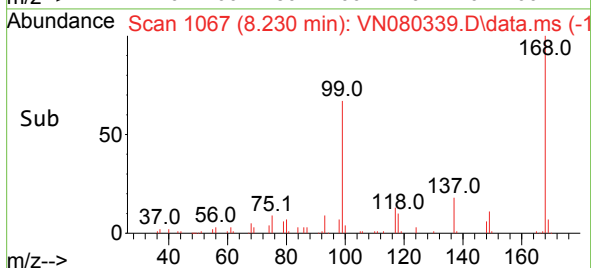
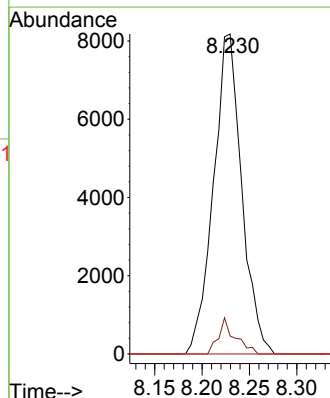
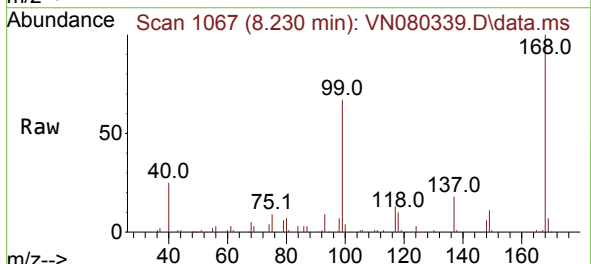
Instrument :
MSVOA_N
ClientSampleId :

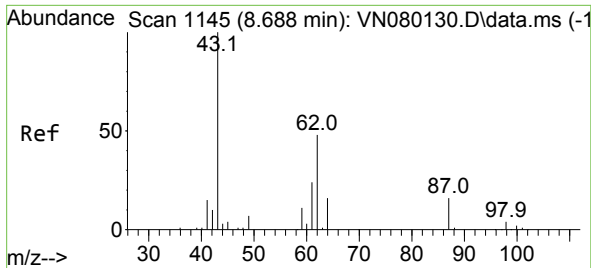
Tgt Ion: 75 Resp: 12180
Ion Ratio Lower Upper
75 100
110 10.6 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 4.538 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN080339.D
Acq: 04 Dec 2023 15:34

Tgt Ion: 117 Resp: 16976
Ion Ratio Lower Upper
117 100
119 5.6 77.3 115.9#
121 0.0 23.3 34.9#

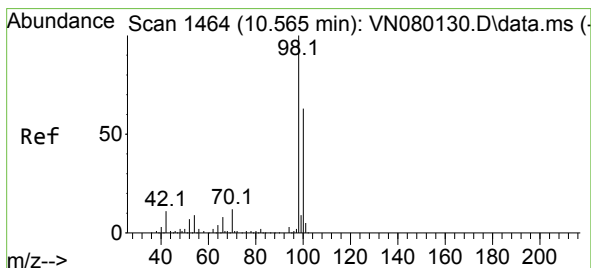
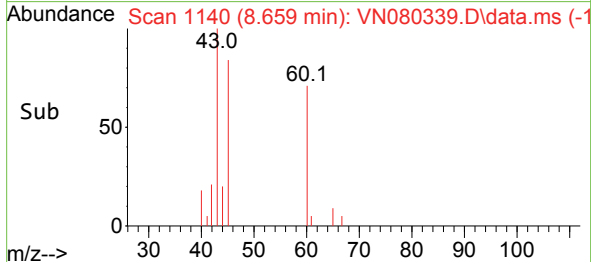
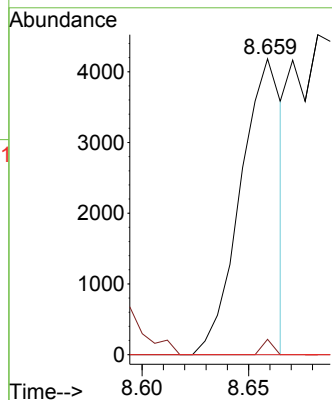
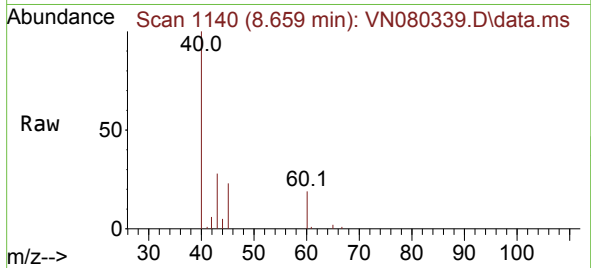




#43
Isopropyl Acetate
Concen: 1.420 ug/l
RT: 8.659 min Scan# 1140
Delta R.T. -0.030 min
Lab File: VN080339.D
Acq: 04 Dec 2023 15:34

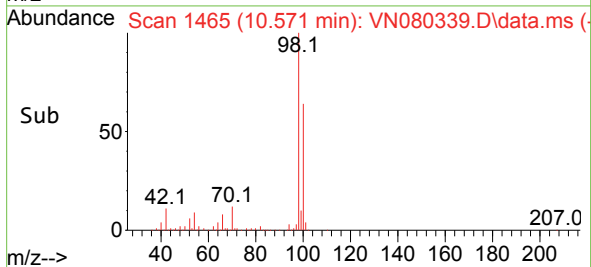
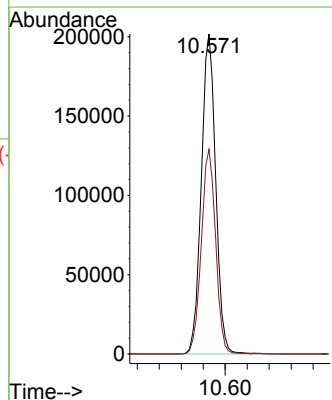
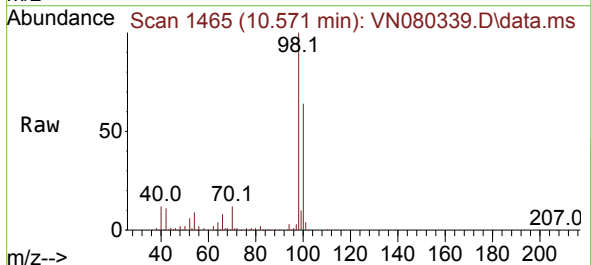
Instrument :
MSVOA_N
ClientSampleId :

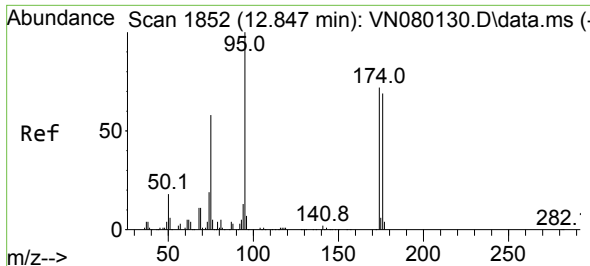
Tgt Ion: 43 Resp: 5651
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 49.906 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080339.D
Acq: 04 Dec 2023 15:34

Tgt Ion: 98 Resp: 366308
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0

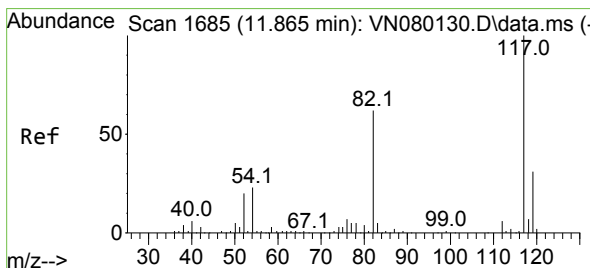
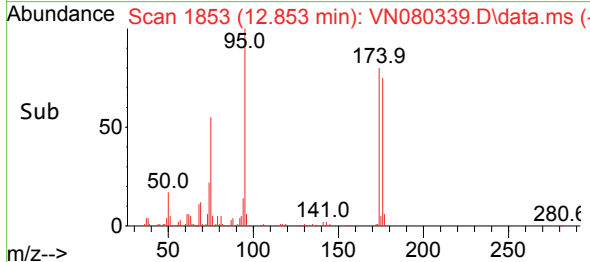
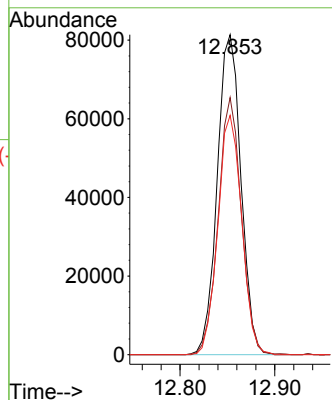
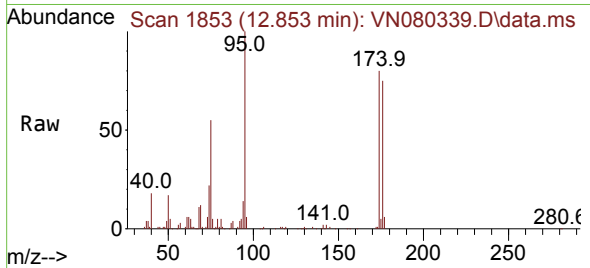




#62
4-Bromofluorobenzene
Concen: 51.104 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080339.D
Acq: 04 Dec 2023 15:34

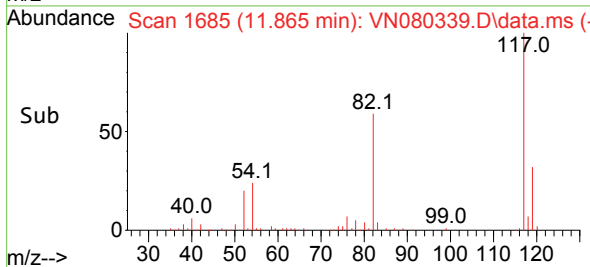
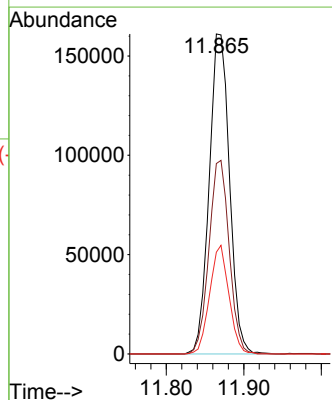
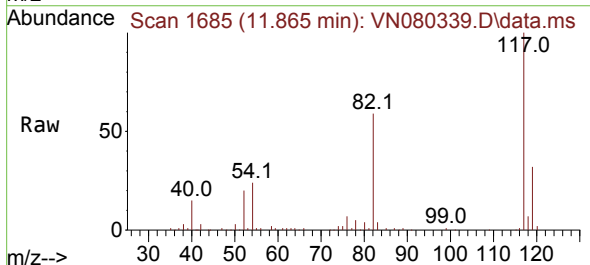
Instrument :
MSVOA_N
ClientSampleId :

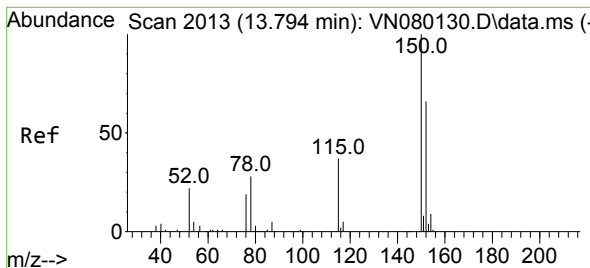
Tgt Ion: 95 Resp: 141682
Ion Ratio Lower Upper
95 100
174 78.4 0.0 143.8
176 75.1 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080339.D
Acq: 04 Dec 2023 15:34

Tgt Ion: 117 Resp: 293508
Ion Ratio Lower Upper
117 100
82 59.5 44.0 66.0
119 31.8 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN080339.D

Acq: 04 Dec 2023 15:34

Instrument :

MSVOA_N

ClientSampleId :

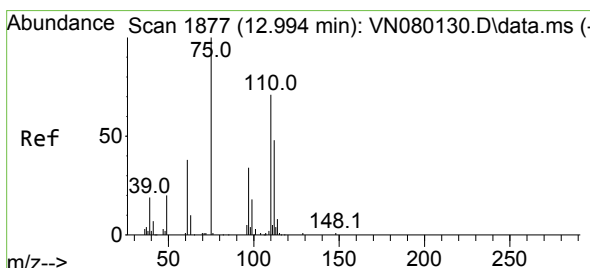
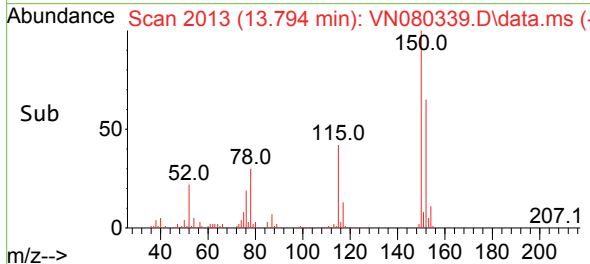
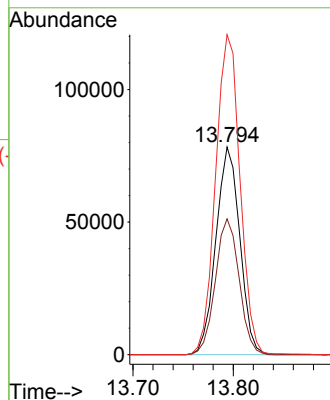
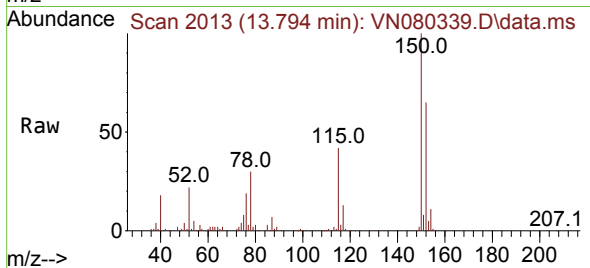
Tgt Ion:152 Resp: 129515

Ion Ratio Lower Upper

152 100

115 65.1 32.3 96.8

150 157.8 0.0 355.8



#76

1,2,3-Trichloropropane

Concen: 25.061 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN080339.D

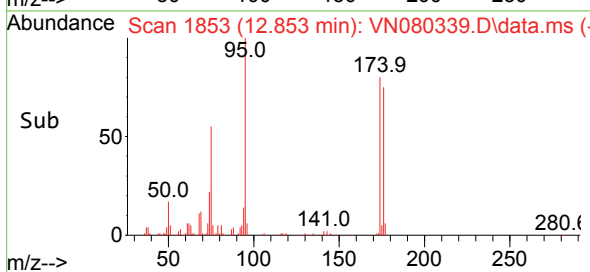
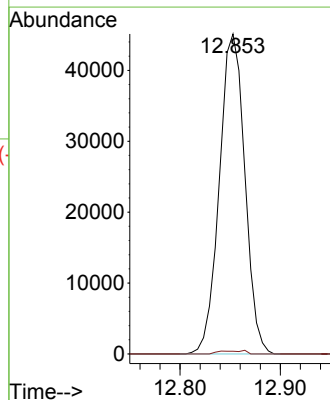
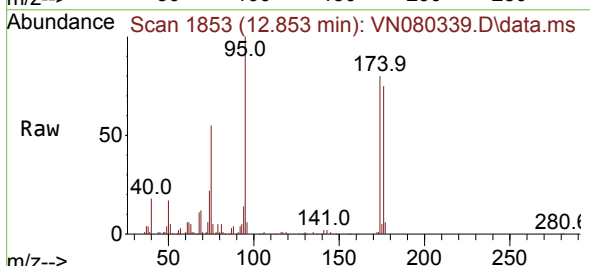
Acq: 04 Dec 2023 15:34

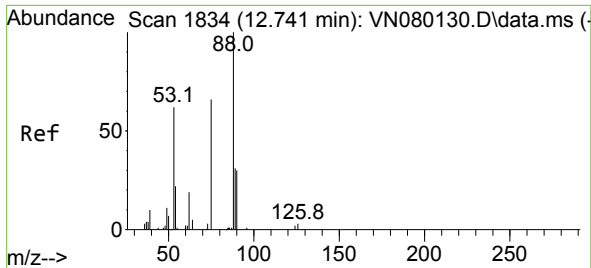
Tgt Ion: 75 Resp: 79527

Ion Ratio Lower Upper

75 100

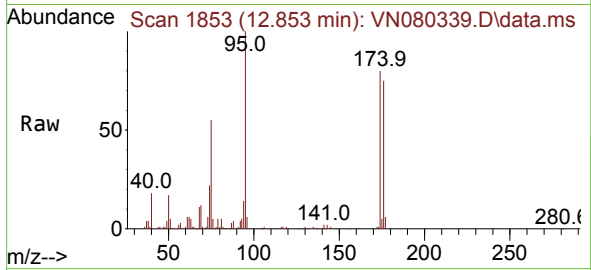
77 1.0 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.671 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN080339.D
 Acq: 04 Dec 2023 15:34

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 79527
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.0 38.8 58.2#

