

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120523\
 Data File : VN080370.D
 Acq On : 05 Dec 2023 17:21
 Operator : JC\MD
 Sample : 05632-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 06 00:54:18 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	8.224	168	157157	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	291605	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	315074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	149249	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	142320	54.846	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.700%
35) Dibromofluoromethane	8.165	113	112337	52.209	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.420%
50) Toluene-d8	10.570	98	387529	49.963	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.920%
62) 4-Bromofluorobenzene	12.853	95	162166	55.353	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.700%

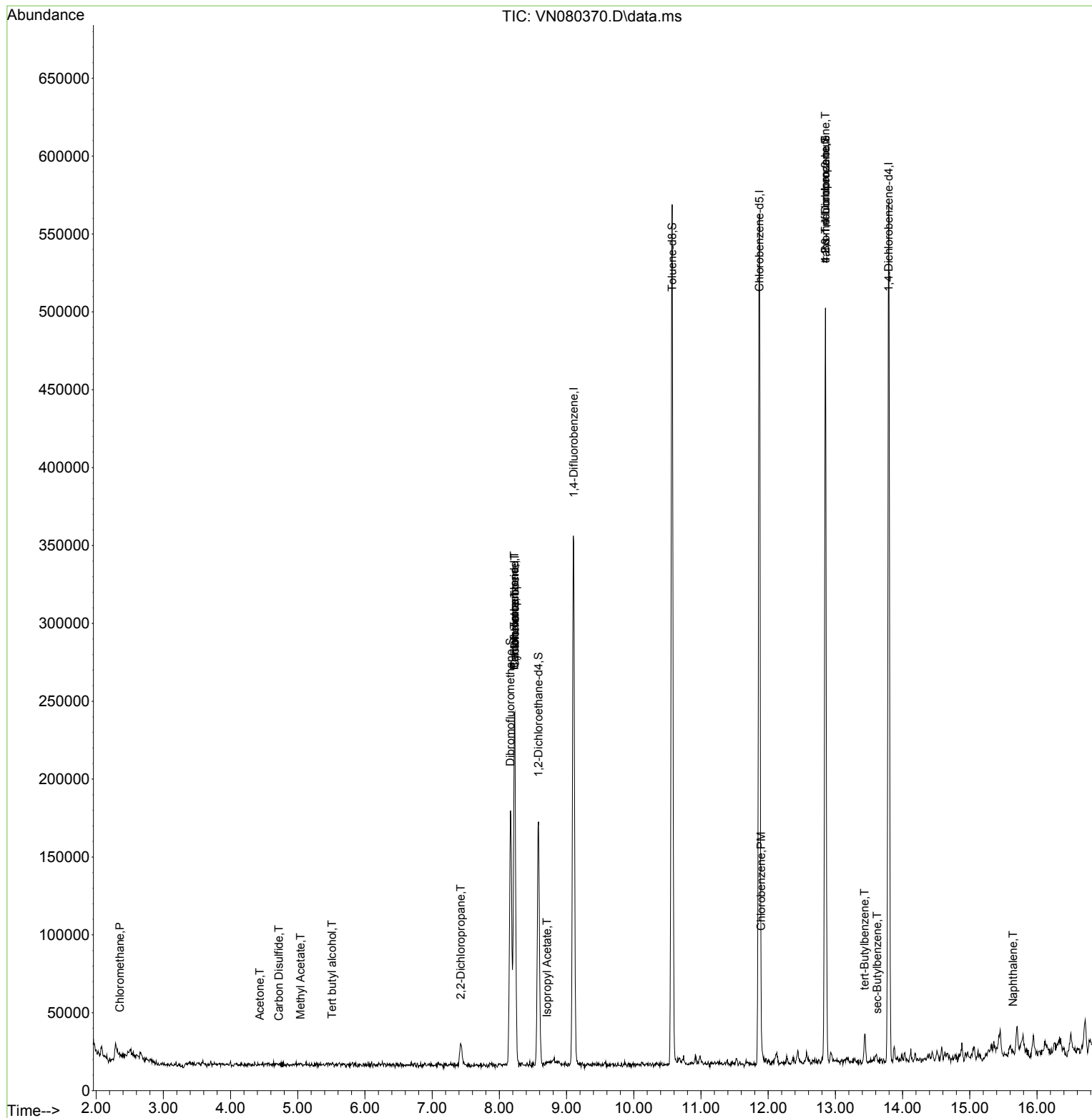
Target Compounds					Qvalue	
3) Chloromethane	2.353	50	504	0.286	ug/l #	42
6) Chloroethane	3.106	64	1248	Below Cal	#	43
11) Tert butyl alcohol	5.512	59	565	1.980	ug/l #	72
16) Acetone	4.436	43	1585	1.819	ug/l #	82
17) Carbon Disulfide	4.718	76	1314	0.265	ug/l #	75
18) Methyl Acetate	5.041	43	1071	0.382	ug/l #	72
26) 2,2-Dichloropropane	7.424	77	811	0.243	ug/l #	53
31) Cyclohexane	8.229	56	3609	1.279	ug/l #	19
36) 1,1-Dichloropropene	8.229	75	12819	4.115	ug/l #	50
38) Carbon Tetrachloride	8.224	117	18548	4.692	ug/l #	18
43) Isopropyl Acetate	8.712	43	958	0.228	ug/l #	49
65) Chlorobenzene	11.894	112	3895	0.546	ug/l	99
76) 1,2,3-Trichloropropane	12.853	75	91742	25.088	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	91742	84.761	ug/l #	15
83) tert-Butylbenzene	13.435	119	8521	1.052	ug/l	95
85) sec-Butylbenzene	13.623	105	2132	0.208	ug/l #	57
95) Naphthalene	15.647	128	4583	0.539	ug/l	98

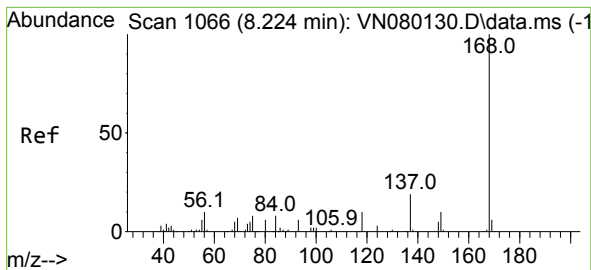
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN080370.D

Acq: 05 Dec 2023 17:21

Instrument :

MSVOA_N

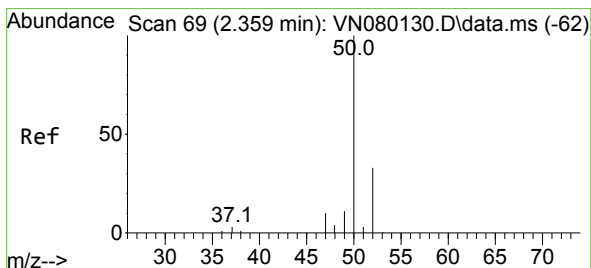
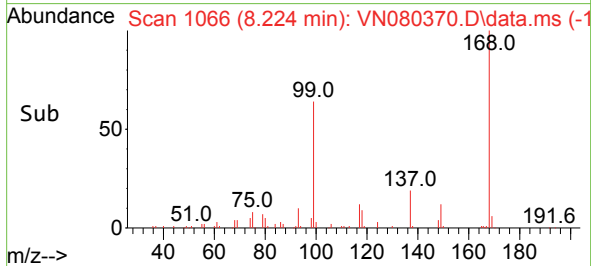
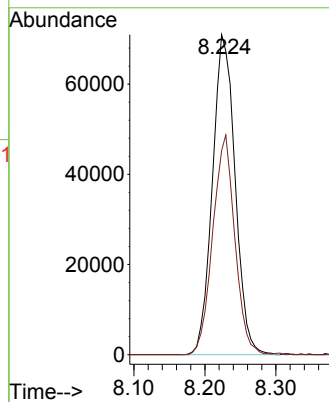
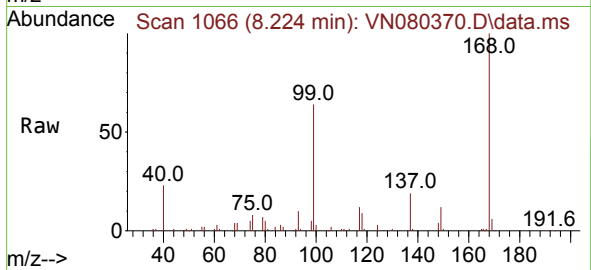
ClientSampleId :

Tgt Ion:168 Resp: 157157

Ion Ratio Lower Upper

168 100

99 63.8 53.0 79.6



#3

Chloromethane

Concen: 0.286 ug/l

RT: 2.353 min Scan# 68

Delta R.T. -0.006 min

Lab File: VN080370.D

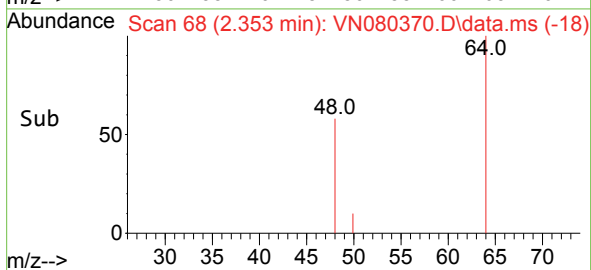
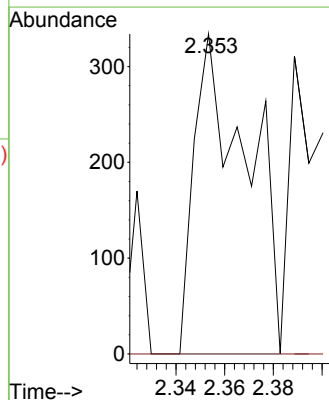
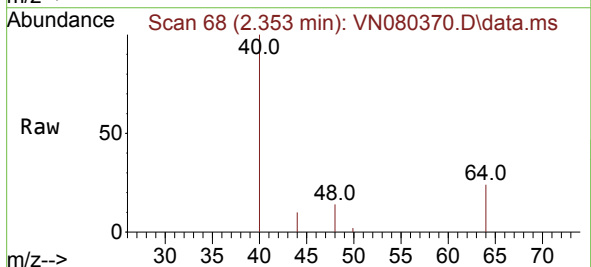
Acq: 05 Dec 2023 17:21

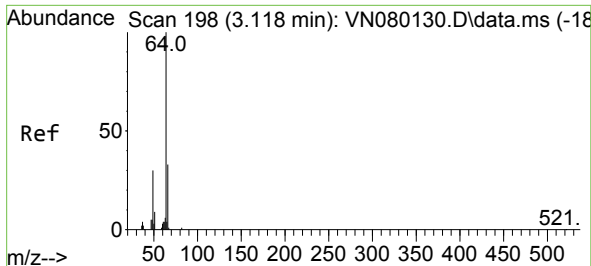
Tgt Ion: 50 Resp: 504

Ion Ratio Lower Upper

50 100

52 0.0 26.5 39.7#

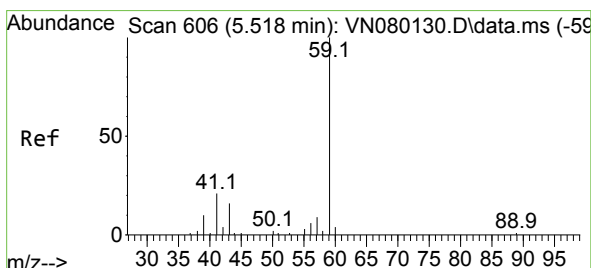
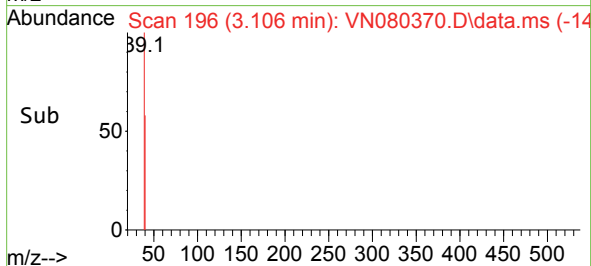
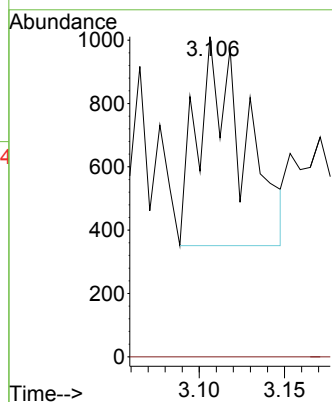
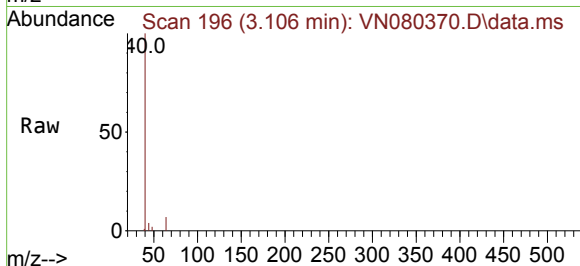




#6
Chloroethane
Concen: Below Cal
RT: 3.106 min Scan# 198
Delta R.T. -0.012 min
Lab File: VN080370.D
Acq: 05 Dec 2023 17:21

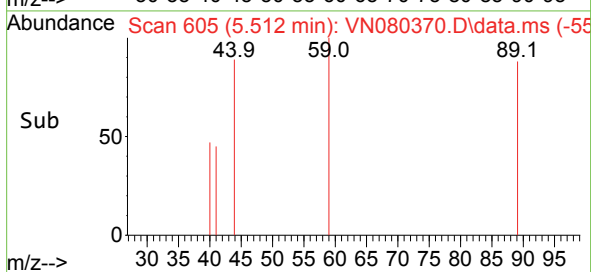
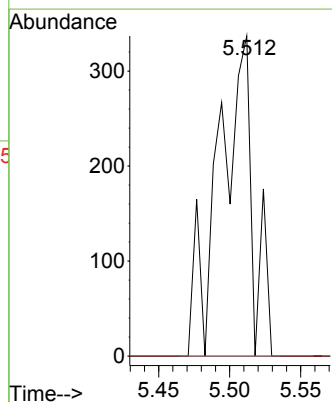
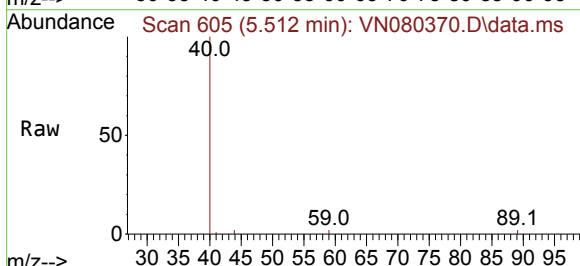
Instrument :
MSVOA_N
ClientSampleId :

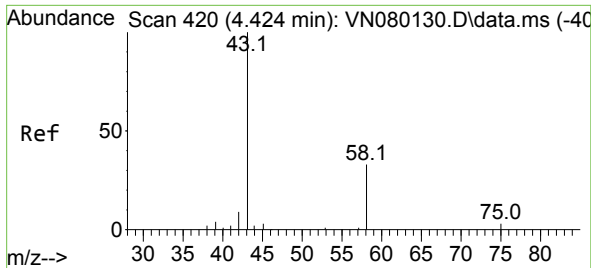
Tgt Ion: 64 Resp: 1248
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#11
Tert butyl alcohol
Concen: 1.980 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN080370.D
Acq: 05 Dec 2023 17:21

Tgt Ion: 59 Resp: 565
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#16

Acetone

Concen: 1.819 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN080370.D

Acq: 05 Dec 2023 17:21

Instrument :

MSVOA_N

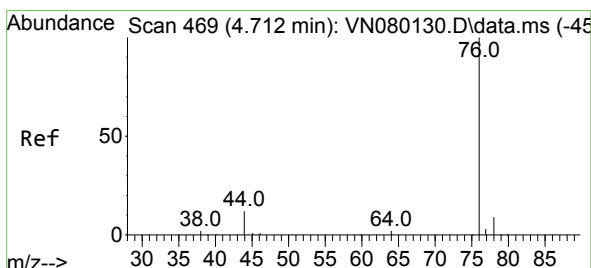
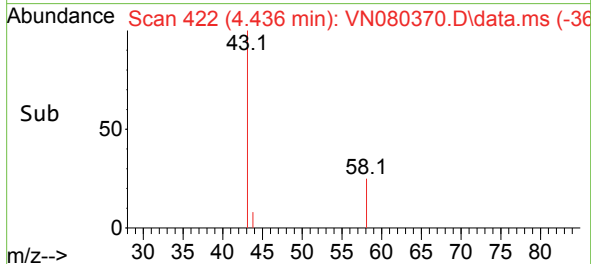
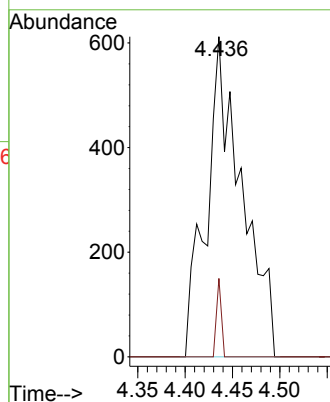
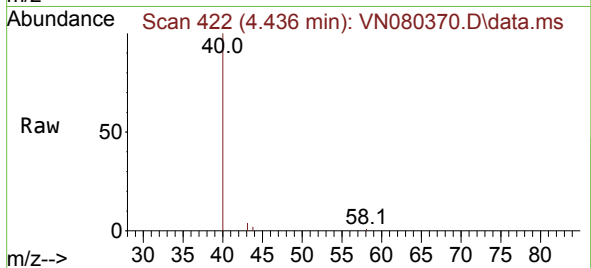
ClientSampleId :

Tgt Ion: 43 Resp: 1585

Ion Ratio Lower Upper

43 100

58 24.5 28.0 42.0#



#17

Carbon Disulfide

Concen: 0.265 ug/l

RT: 4.718 min Scan# 470

Delta R.T. 0.006 min

Lab File: VN080370.D

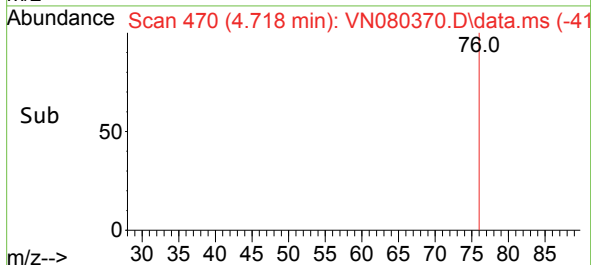
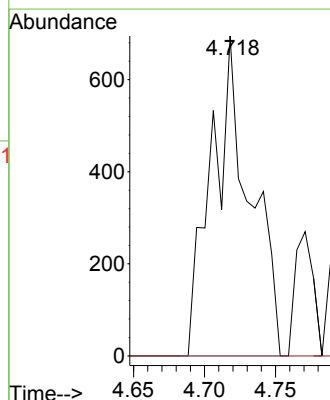
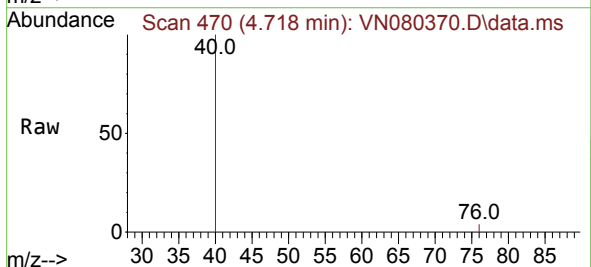
Acq: 05 Dec 2023 17:21

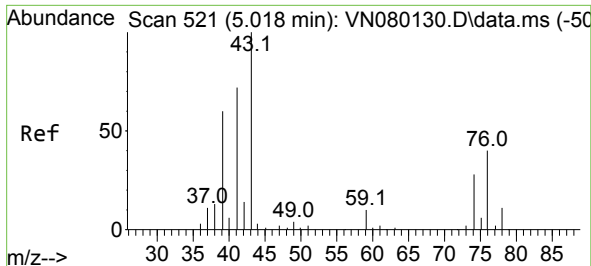
Tgt Ion: 76 Resp: 1314

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#

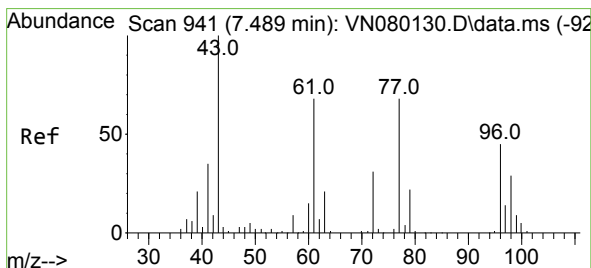
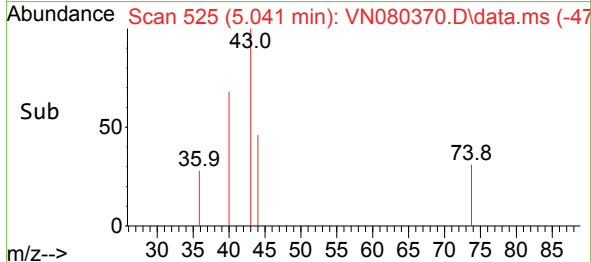
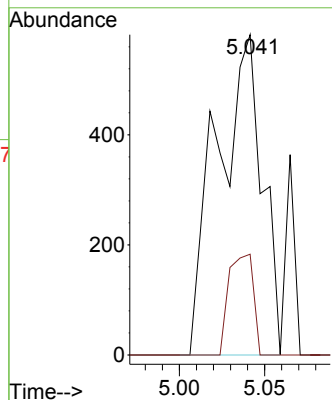
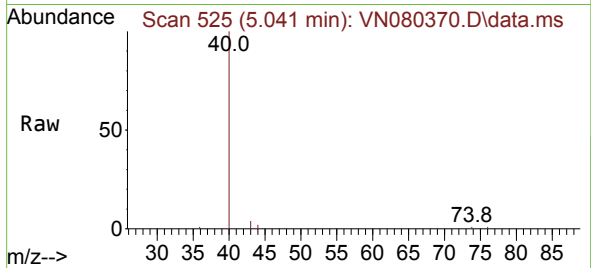




#18
Methyl Acetate
Concen: 0.382 ug/l
RT: 5.041 min Scan# 51
Delta R.T. 0.023 min
Lab File: VN080370.D
Acq: 05 Dec 2023 17:21

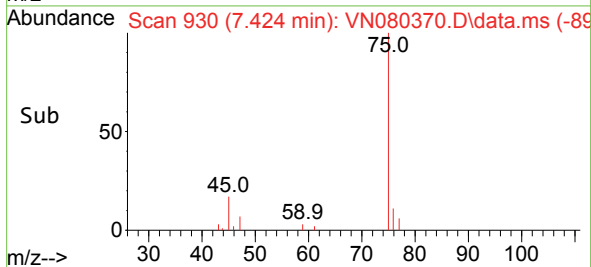
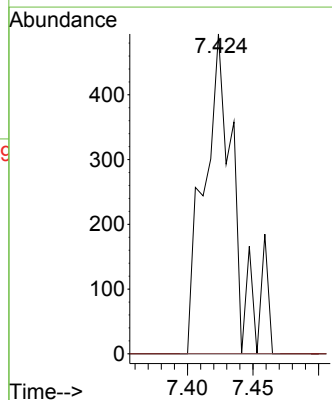
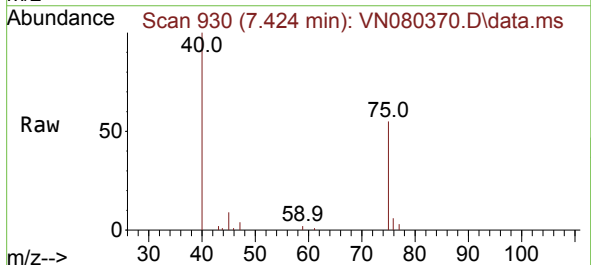
Instrument :
MSVOA_N
ClientSampleId :

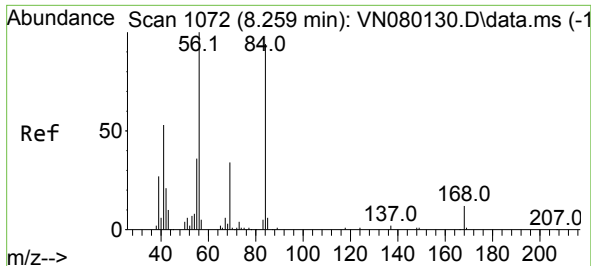
Tgt Ion: 43 Resp: 1071
Ion Ratio Lower Upper
43 100
74 17.1 26.2 39.4#



#26
2,2-Dichloropropane
Concen: 0.243 ug/l
RT: 7.424 min Scan# 930
Delta R.T. -0.065 min
Lab File: VN080370.D
Acq: 05 Dec 2023 17:21

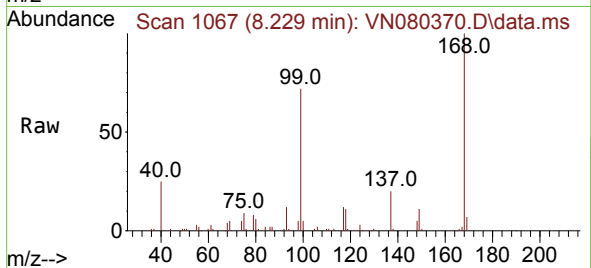
Tgt Ion: 77 Resp: 811
Ion Ratio Lower Upper
77 100
97 0.0 11.2 33.6#



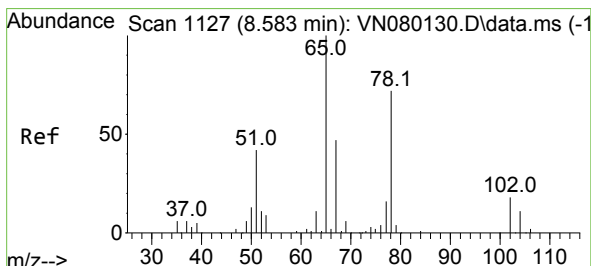
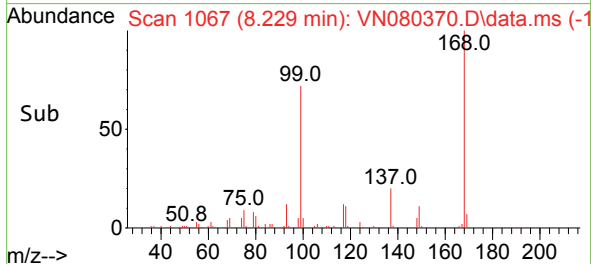
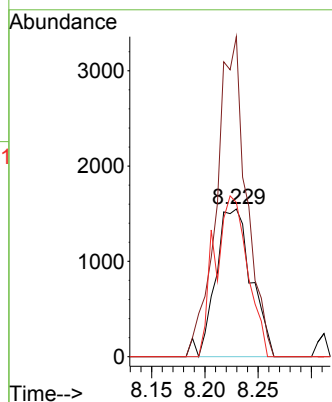


#31
Cyclohexane
Concen: 1.279 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.030 min
Lab File: VN080370.D
Acq: 05 Dec 2023 17:21

Instrument :
MSVOA_N
ClientSampleId :

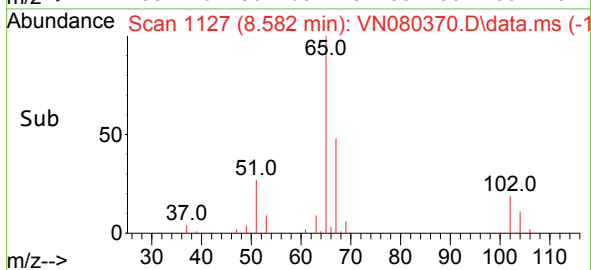
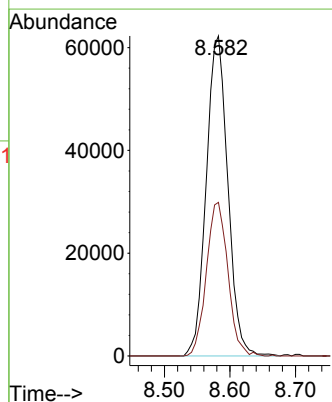
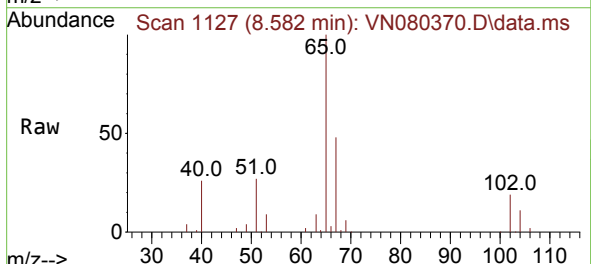


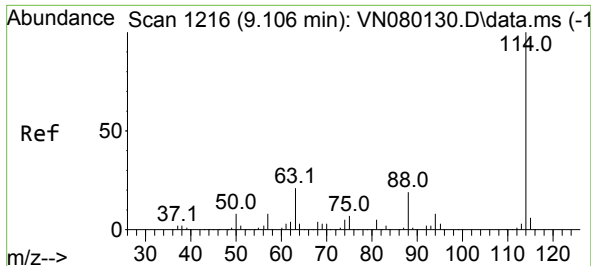
Tgt Ion: 56 Resp: 3609
Ion Ratio Lower Upper
56 100
69 216.6 26.8 40.2#
84 104.4 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 54.846 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080370.D
Acq: 05 Dec 2023 17:21

Tgt Ion: 65 Resp: 142320
Ion Ratio Lower Upper
65 100
67 47.9 0.0 106.6

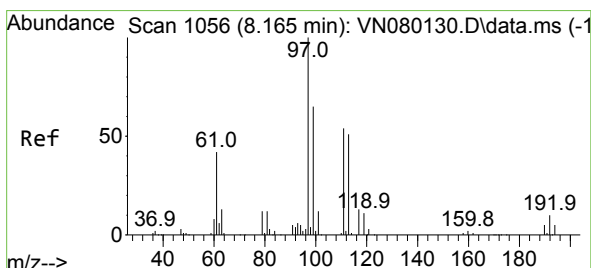
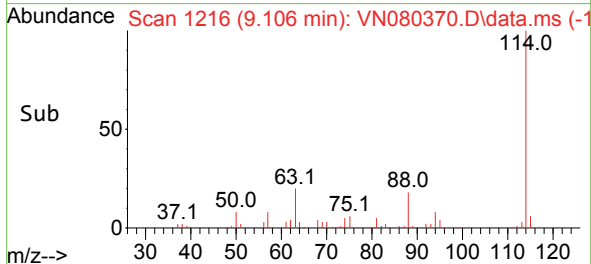
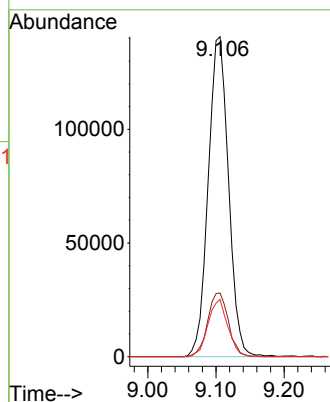
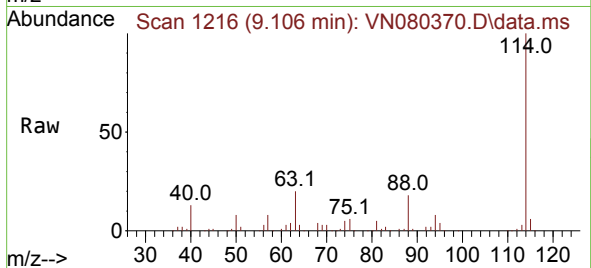




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080370.D
Acq: 05 Dec 2023 17:21

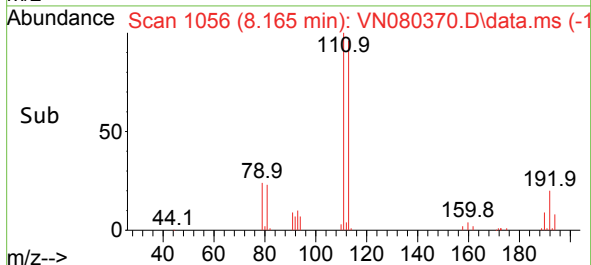
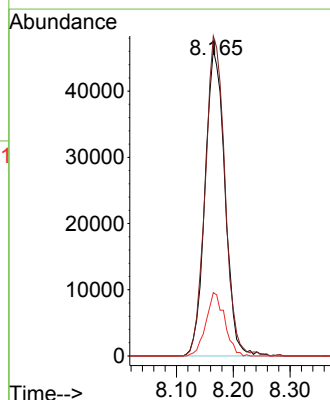
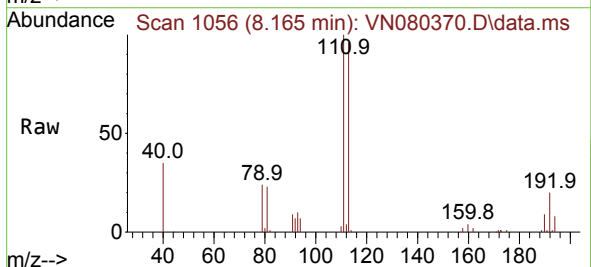
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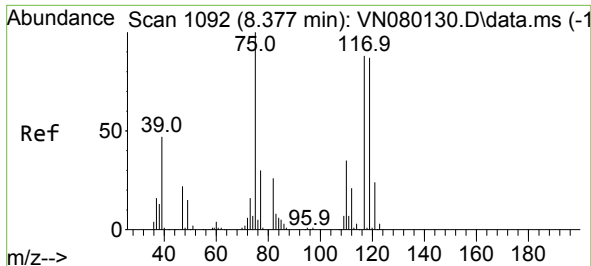
Tgt Ion:114 Resp: 291605
Ion Ratio Lower Upper
114 100
63 20.0 0.0 36.4
88 17.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.209 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080370.D
Acq: 05 Dec 2023 17:21

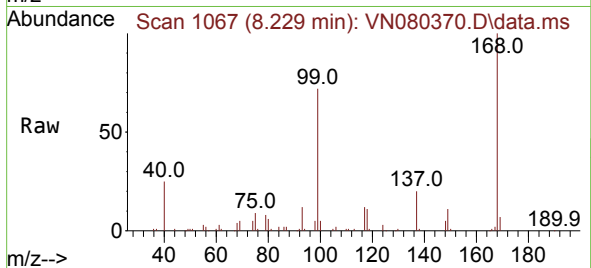
Tgt Ion:113 Resp: 112337
Ion Ratio Lower Upper
113 100
111 103.5 82.6 123.8
192 19.5 12.7 19.1#



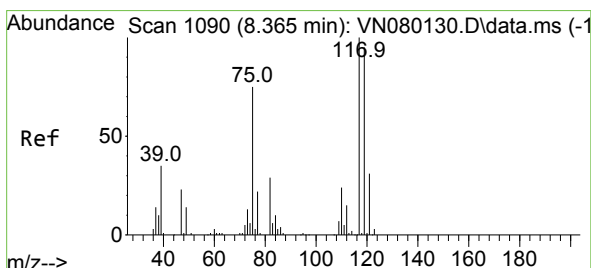
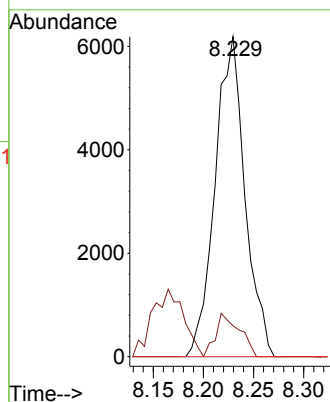
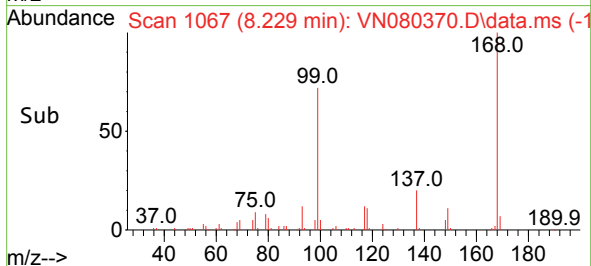


#36
1,1-Dichloropropene
Concen: 4.115 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN080370.D
Acq: 05 Dec 2023 17:21

Instrument :
MSVOA_N
ClientSampleId :

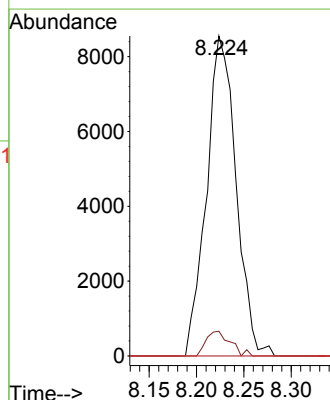
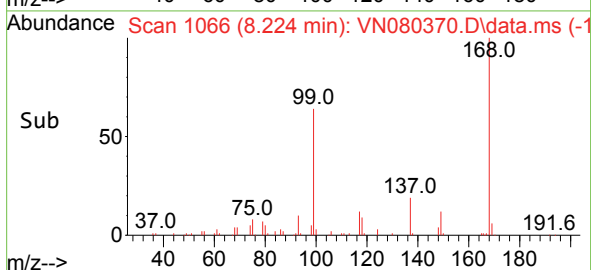
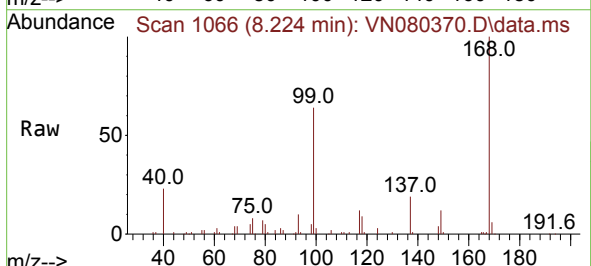


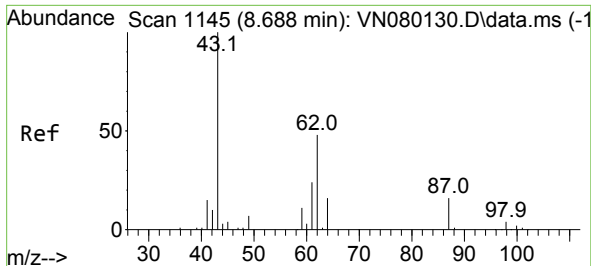
Tgt Ion: 75 Resp: 12819
Ion Ratio Lower Upper
75 100
110 10.8 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 4.692 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN080370.D
Acq: 05 Dec 2023 17:21

Tgt Ion: 117 Resp: 18548
Ion Ratio Lower Upper
117 100
119 7.7 77.3 115.9#
121 0.0 23.3 34.9#

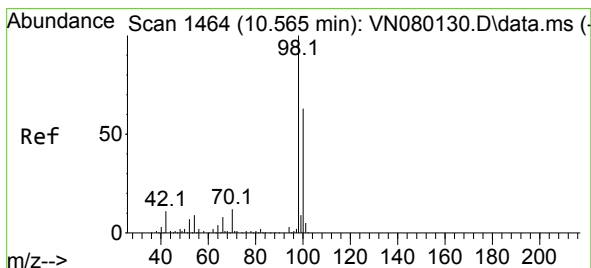
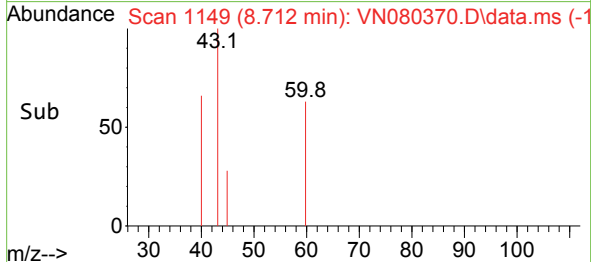
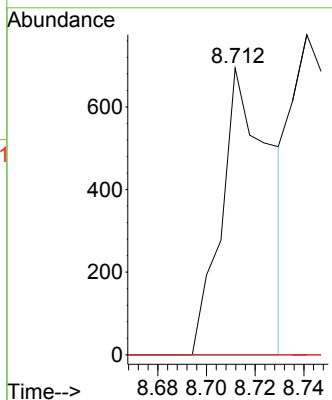
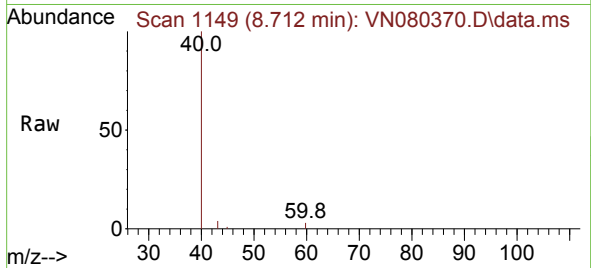




#43
Isopropyl Acetate
Concen: 0.228 ug/l
RT: 8.712 min Scan# 1149
Delta R.T. 0.023 min
Lab File: VN080370.D
Acq: 05 Dec 2023 17:21

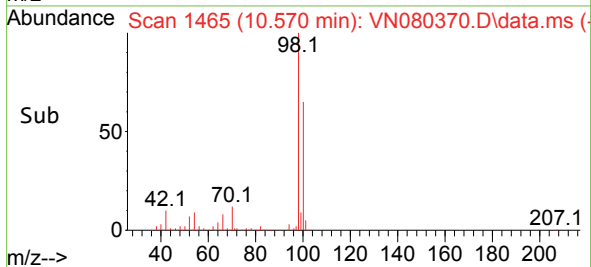
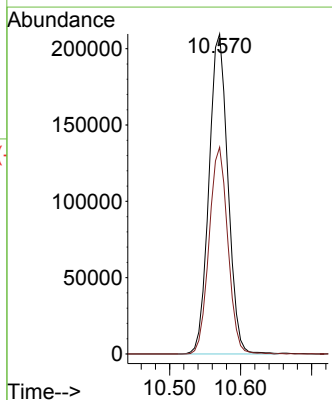
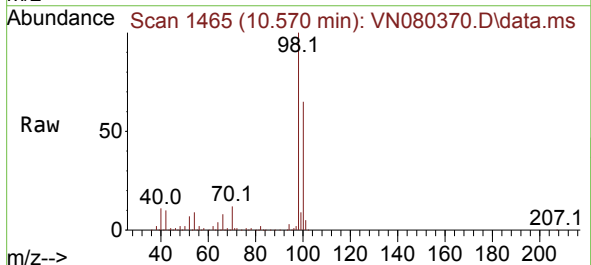
Instrument :
MSVOA_N
ClientSampleId :

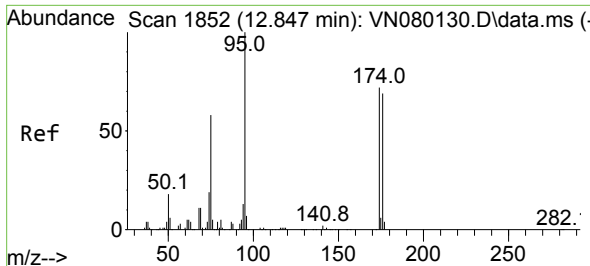
Tgt Ion: 43 Resp: 958
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 49.963 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080370.D
Acq: 05 Dec 2023 17:21

Tgt Ion: 98 Resp: 387529
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0

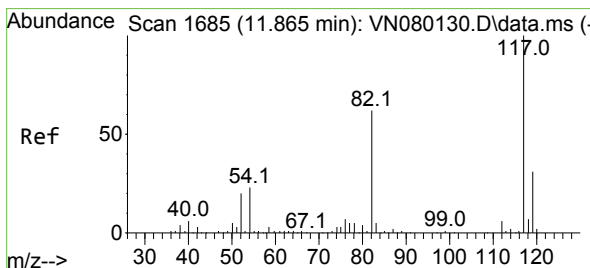
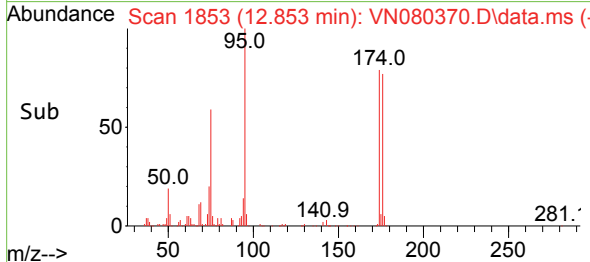
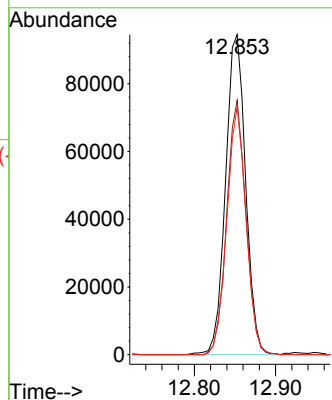
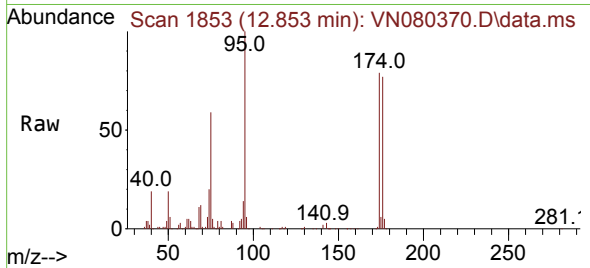




#62
4-Bromofluorobenzene
Concen: 55.353 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080370.D
Acq: 05 Dec 2023 17:21

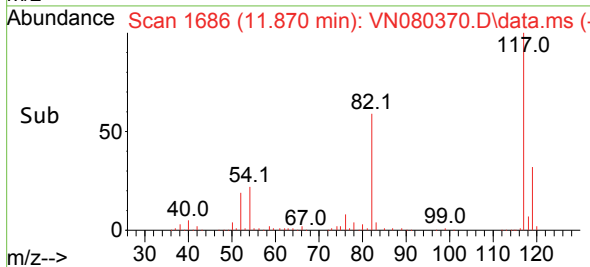
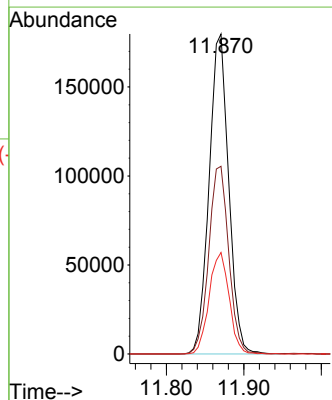
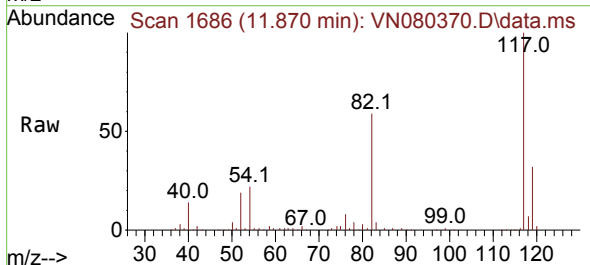
Instrument :
MSVOA_N
ClientSampleId :

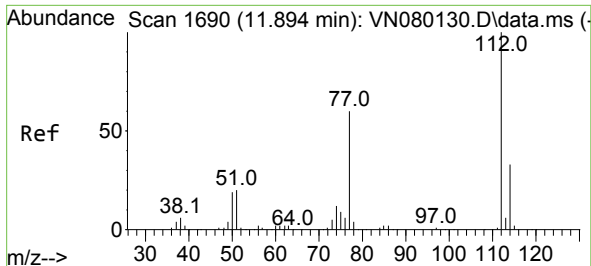
Tgt Ion: 95 Resp: 162166
Ion Ratio Lower Upper
95 100
174 76.3 0.0 143.8
176 74.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080370.D
Acq: 05 Dec 2023 17:21

Tgt Ion: 117 Resp: 315074
Ion Ratio Lower Upper
117 100
82 58.7 44.0 66.0
119 31.7 25.6 38.4

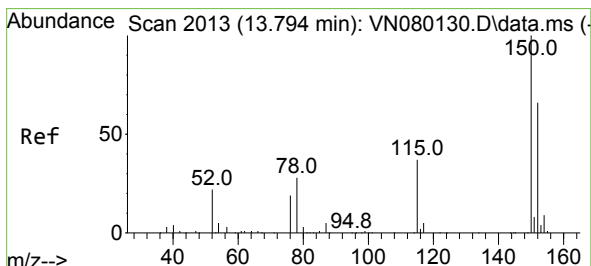
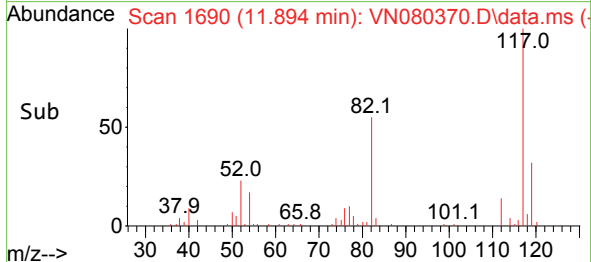
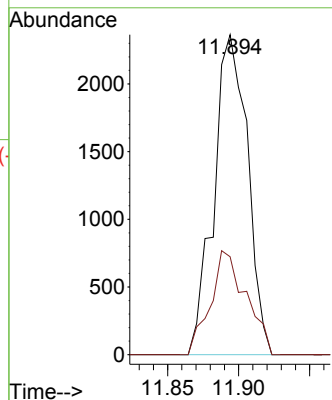
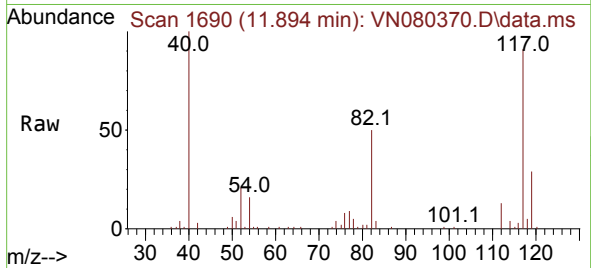




#65
Chlorobenzene
Concen: 0.546 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080370.D
Acq: 05 Dec 2023 17:21

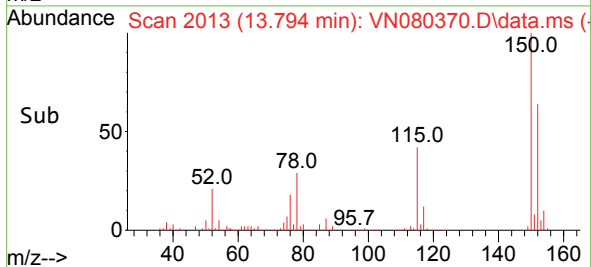
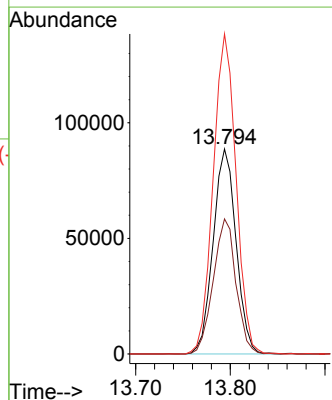
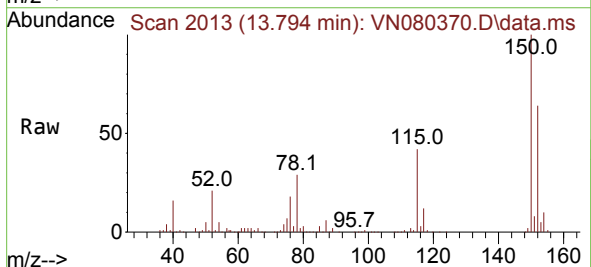
Instrument :
MSVOA_N
ClientSampleId :

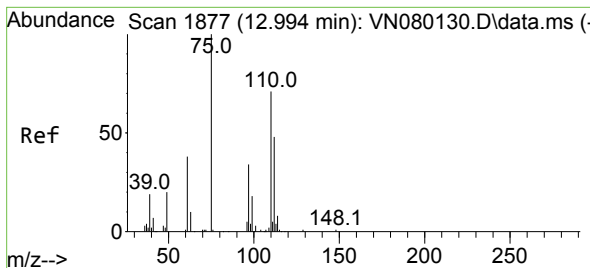
Tgt Ion:112 Resp: 3895
Ion Ratio Lower Upper
112 100
114 30.6 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080370.D
Acq: 05 Dec 2023 17:21

Tgt Ion:152 Resp: 149249
Ion Ratio Lower Upper
152 100
115 65.5 32.3 96.8
150 155.4 0.0 355.8





#76

1,2,3-Trichloropropane

Concen: 25.088 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN080370.D

Acq: 05 Dec 2023 17:21

Instrument :

MSVOA_N

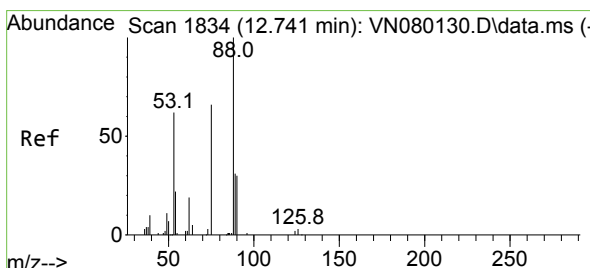
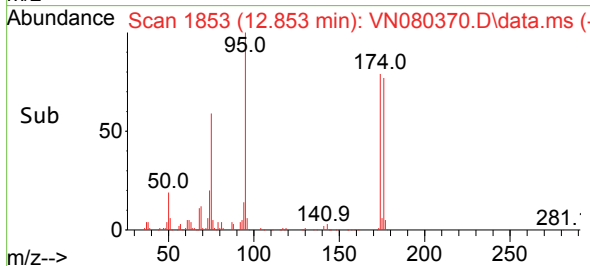
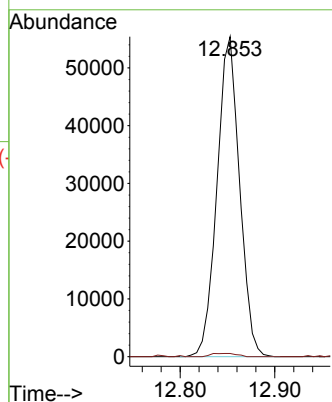
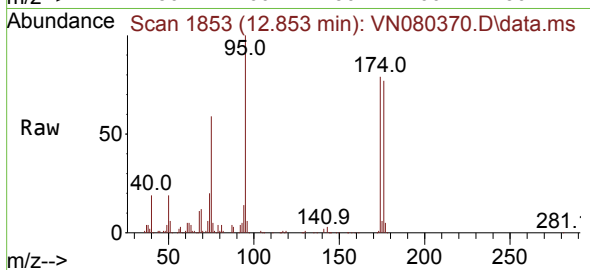
ClientSampleId :

Tgt Ion: 75 Resp: 91742

Ion Ratio Lower Upper

75 100

77 1.2 84.5 253.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 84.761 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN080370.D

Acq: 05 Dec 2023 17:21

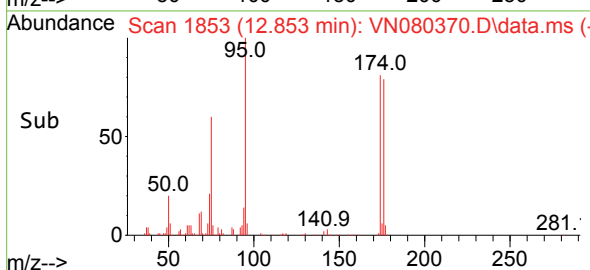
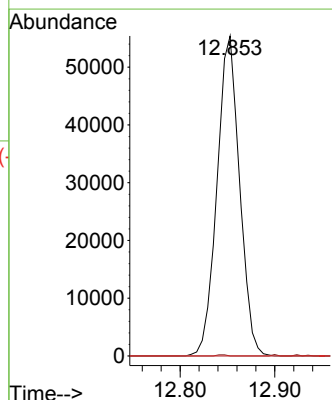
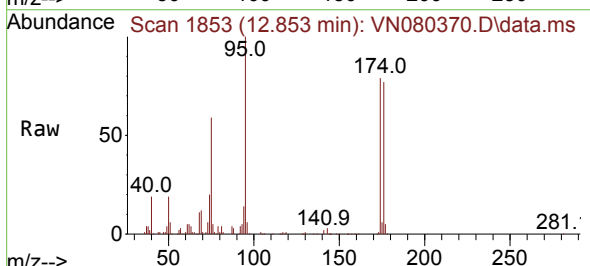
Tgt Ion: 75 Resp: 91742

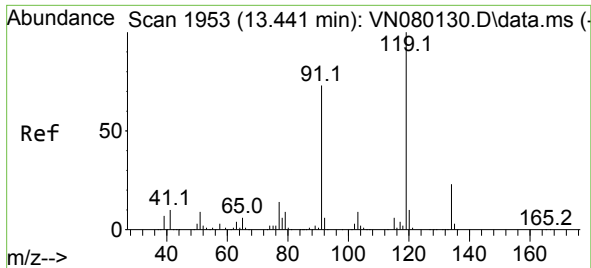
Ion Ratio Lower Upper

75 100

53 0.2 67.4 101.2#

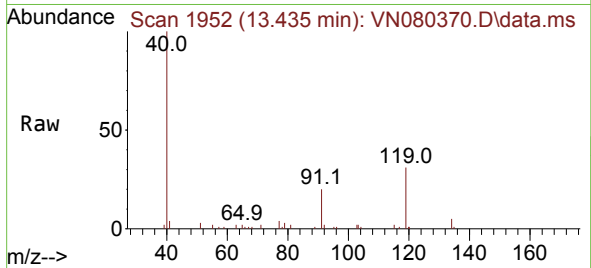
89 0.0 38.8 58.2#



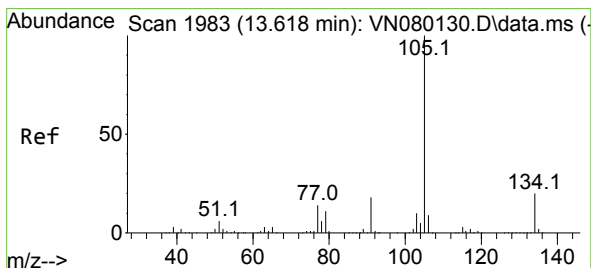
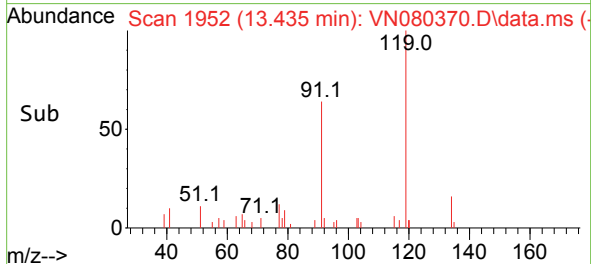
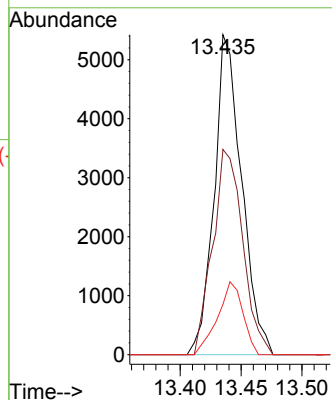


#83
tert-Butylbenzene
Concen: 1.052 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.006 min
Lab File: VN080370.D
Acq: 05 Dec 2023 17:21

Instrument :
MSVOA_N
ClientSampleId :

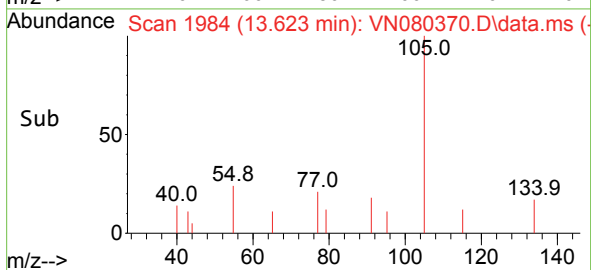
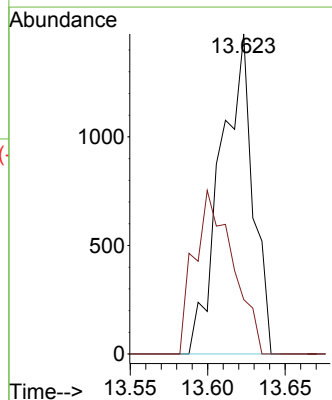
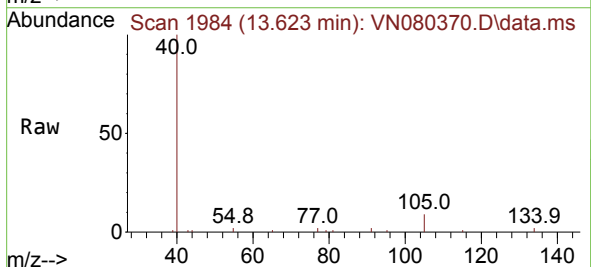


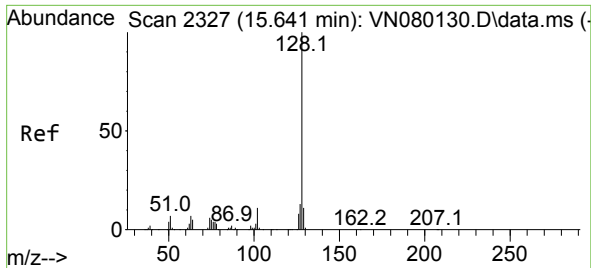
Tgt Ion:119 Resp: 8521
Ion Ratio Lower Upper
119 100
91 70.1 33.9 101.7
134 21.0 13.2 39.6



#85
sec-Butylbenzene
Concen: 0.208 ug/l
RT: 13.623 min Scan# 1984
Delta R.T. 0.006 min
Lab File: VN080370.D
Acq: 05 Dec 2023 17:21

Tgt Ion:105 Resp: 2132
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.3#





#95

Naphthalene

Concen: 0.539 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

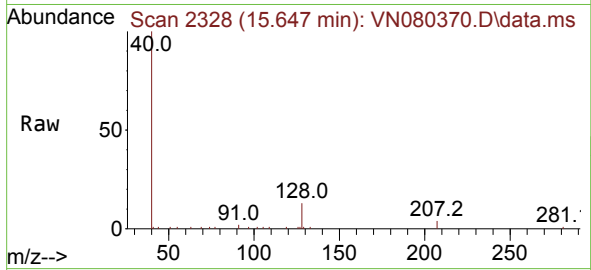
Lab File: VN080370.D

Acq: 05 Dec 2023 17:21

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:128 Resp: 4583

Ion Ratio Lower Upper

128 100

127 11.5 10.0 15.0

129 11.3 8.7 13.1

