

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120523\
 Data File : VN080372.D
 Acq On : 05 Dec 2023 18:08
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 06 00:55:20 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)

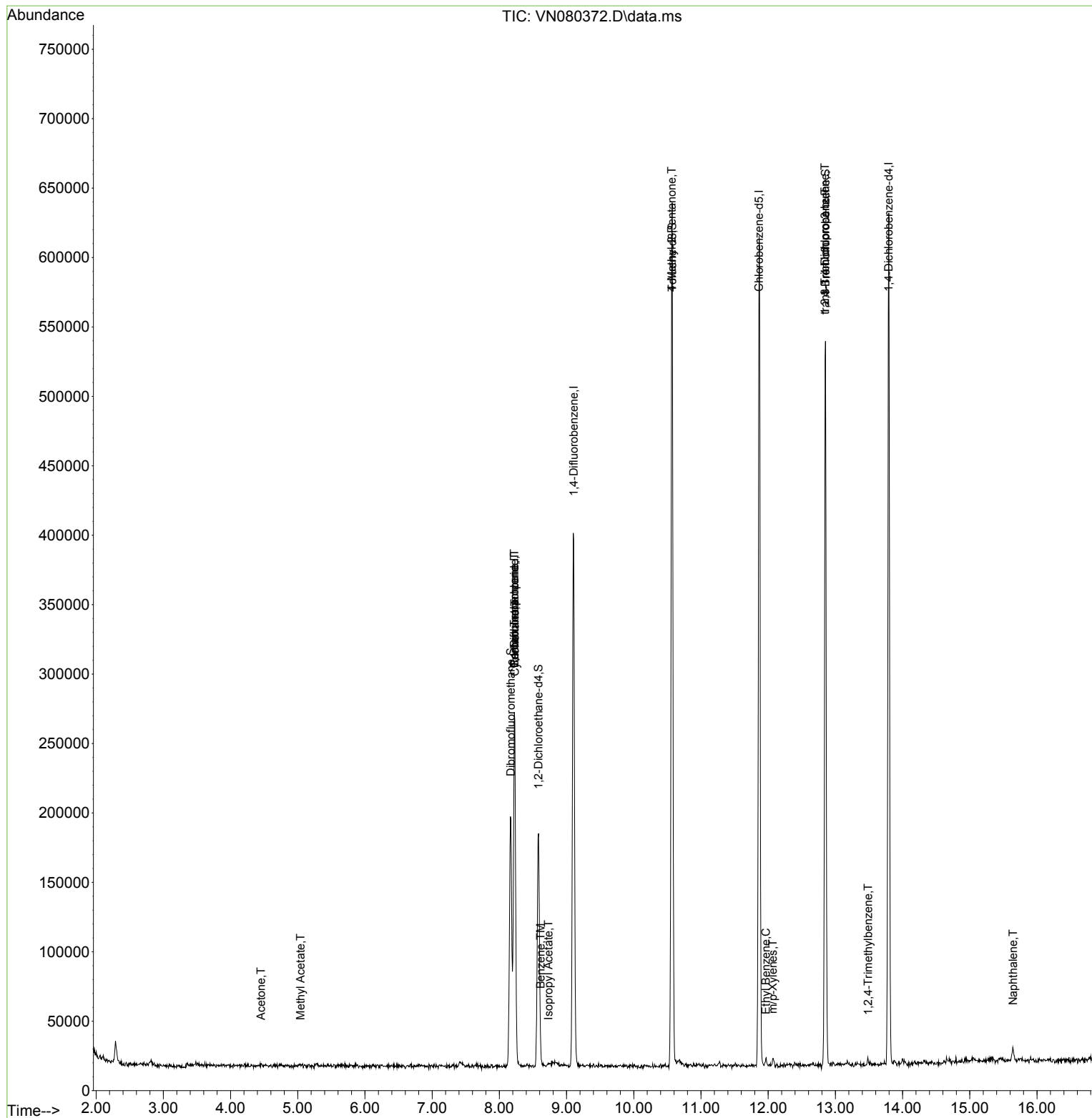
Internal Standards						
1) Pentafluorobenzene	8.224	168	176372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	332880	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	353039	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	161921	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	158881	54.557	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.120%			
35) Dibromofluoromethane	8.171	113	125906	51.260	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.520%			
50) Toluene-d8	10.570	98	433343	48.942	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.880%			
62) 4-Bromofluorobenzene	12.853	95	177400	53.044	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.080%			
Target Compounds					Qvalue	
6) Chloroethane	3.124	64	190	Below Cal	#	43
16) Acetone	4.453	43	411	0.420	ug/l #	40
18) Methyl Acetate	5.041	43	1854	0.590	ug/l #	72
31) Cyclohexane	8.229	56	3662	1.156	ug/l #	15
36) 1,1-Dichloropropene	8.224	75	14678	4.128	ug/l #	52
38) Carbon Tetrachloride	8.224	117	20411	4.523	ug/l #	16
40) Benzene	8.612	78	2566	0.254	ug/l	93
43) Isopropyl Acetate	8.729	43	1429	0.298	ug/l #	49
51) 4-Methyl-2-Pentanone	10.565	43	1523	0.613	ug/l #	1
67) Ethyl Benzene	11.964	91	3002	0.211	ug/l #	87
68) m/p-Xylenes	12.070	106	1584	0.305	ug/l #	66
76) 1,2,3-Trichloropropane	12.847	75	99304	25.030	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	99304	84.567	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.488	105	2680	0.248	ug/l	89
95) Naphthalene	15.647	128	8702	0.943	ug/l	95

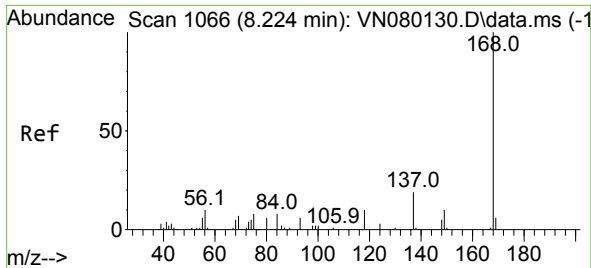
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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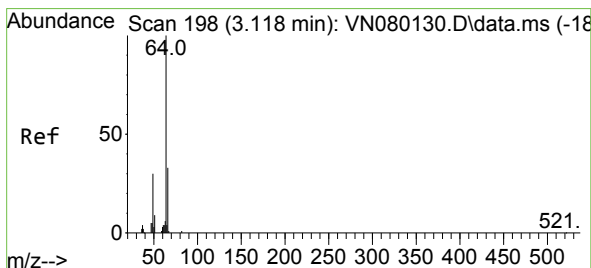
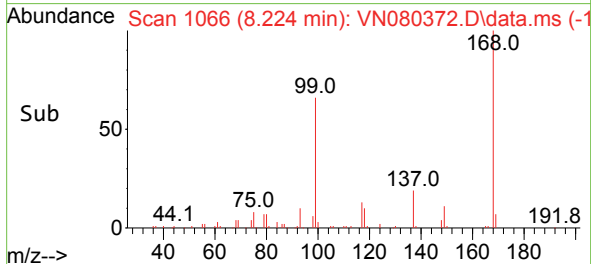
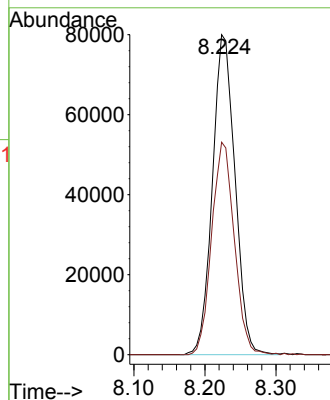
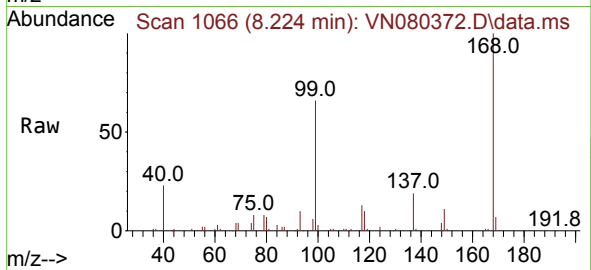




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080372.D
Acq: 05 Dec 2023 18:08

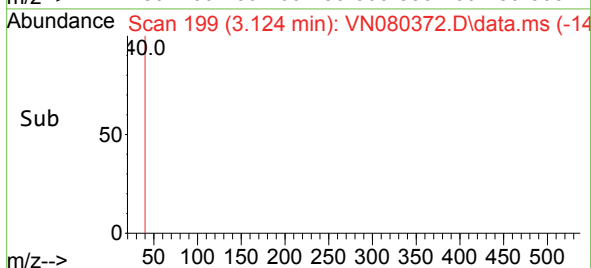
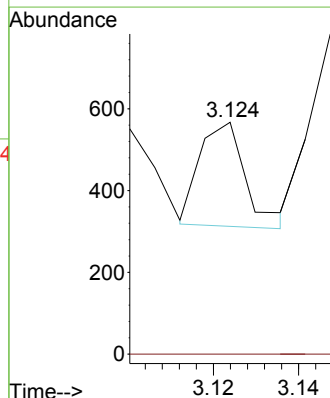
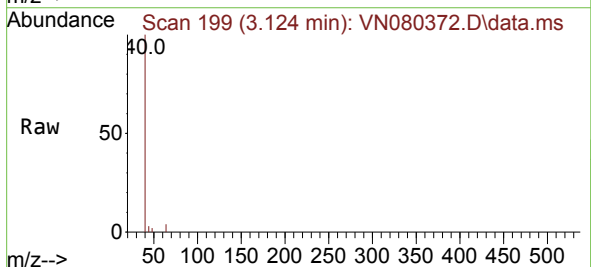
Instrument :
MSVOA_N
ClientSampleId :

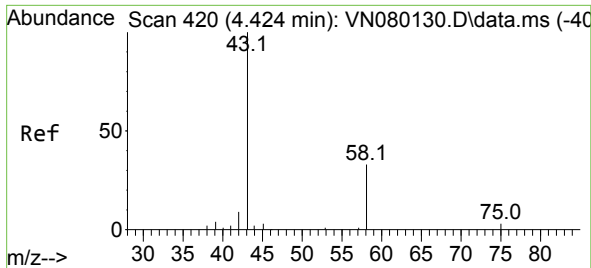
Tgt Ion:168 Resp: 176372
Ion Ratio Lower Upper
168 100
99 66.4 53.0 79.6



#6
Chloroethane
Concen: Below Cal
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN080372.D
Acq: 05 Dec 2023 18:08

Tgt Ion: 64 Resp: 190
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#





#16

Acetone

Concen: 0.420 ug/l

RT: 4.453 min Scan# 411

Delta R.T. 0.029 min

Lab File: VN080372.D

Acq: 05 Dec 2023 18:08

Instrument :

MSVOA_N

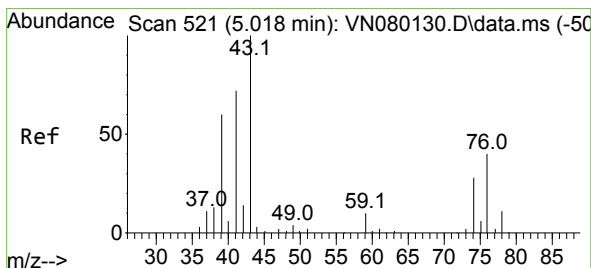
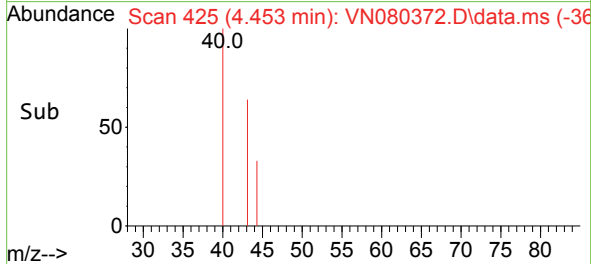
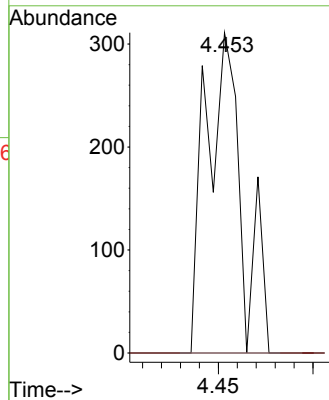
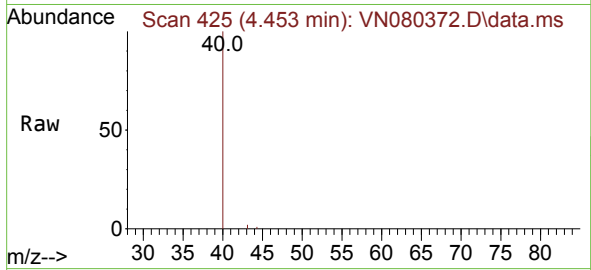
ClientSampleId :

Tgt Ion: 43 Resp: 411

Ion Ratio Lower Upper

43 100

58 0.0 28.0 42.0#



#18

Methyl Acetate

Concen: 0.590 ug/l

RT: 5.041 min Scan# 525

Delta R.T. 0.023 min

Lab File: VN080372.D

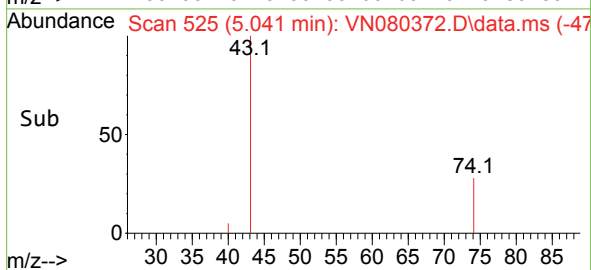
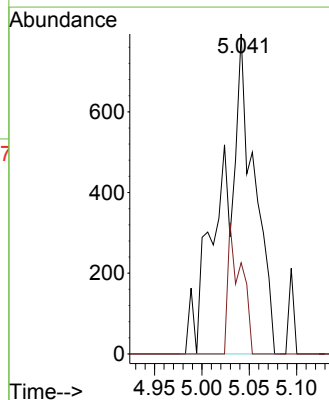
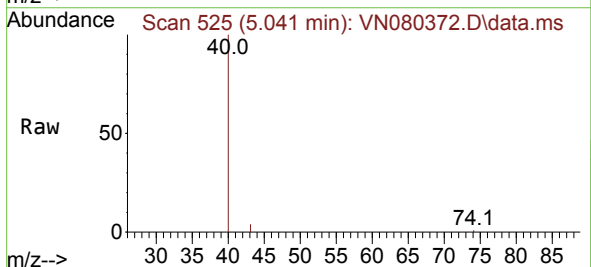
Acq: 05 Dec 2023 18:08

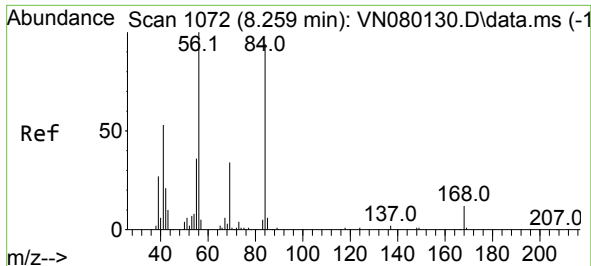
Tgt Ion: 43 Resp: 1854

Ion Ratio Lower Upper

43 100

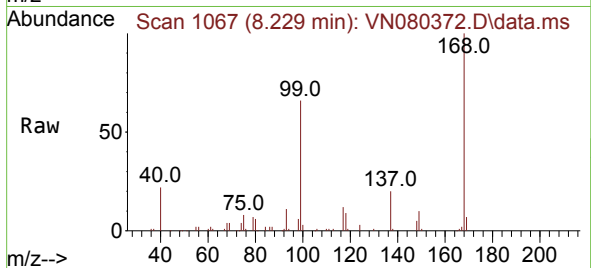
74 17.1 26.2 39.4#



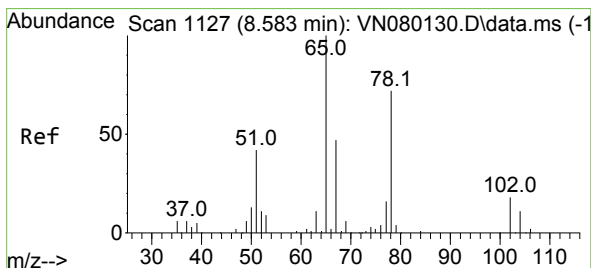
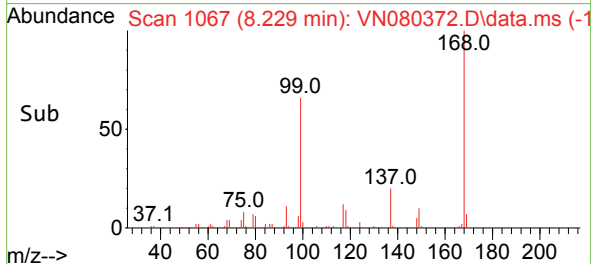
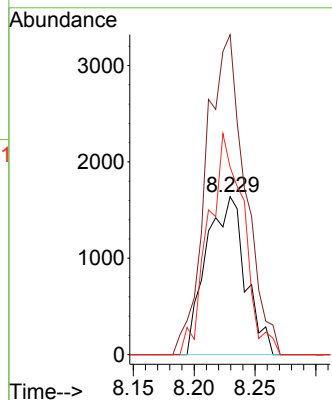


#31
Cyclohexane
Concen: 1.156 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.030 min
Lab File: VN080372.D
Acq: 05 Dec 2023 18:08

Instrument :
MSVOA_N
ClientSampleId :

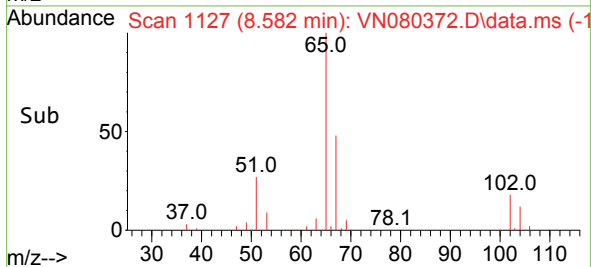
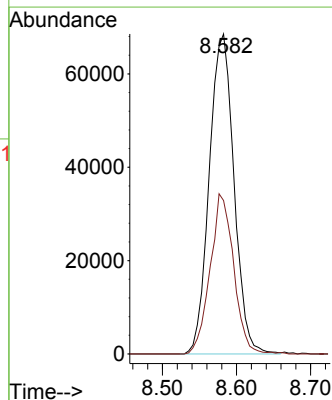
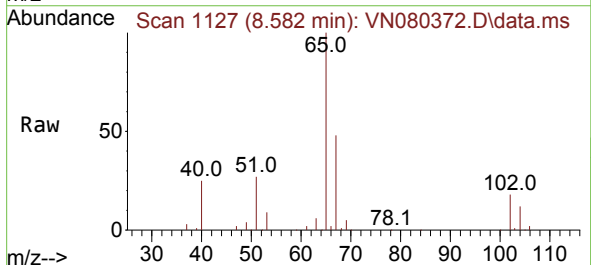


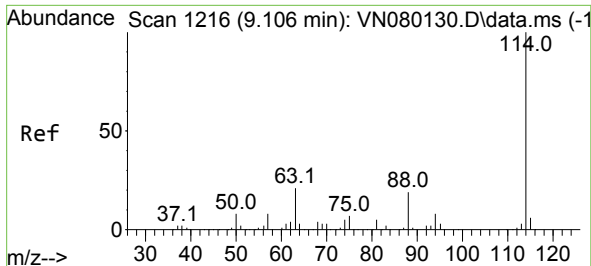
Tgt Ion: 56 Resp: 3662
Ion Ratio Lower Upper
56 100
69 202.4 26.8 40.2#
84 118.5 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 54.557 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080372.D
Acq: 05 Dec 2023 18:08

Tgt Ion: 65 Resp: 158881
Ion Ratio Lower Upper
65 100
67 47.7 0.0 106.6

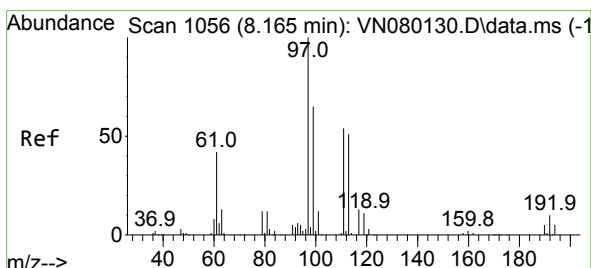
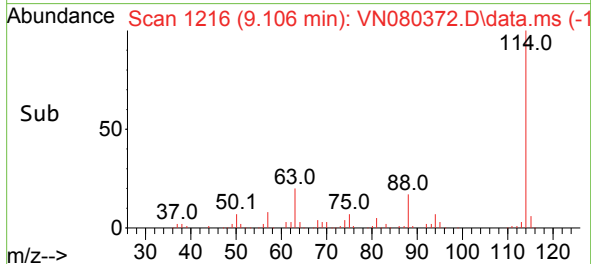
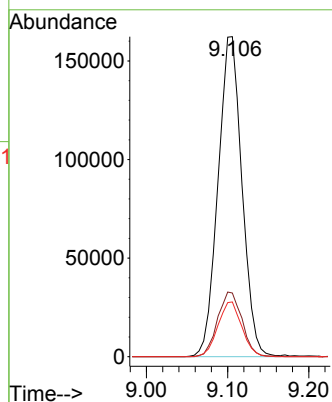
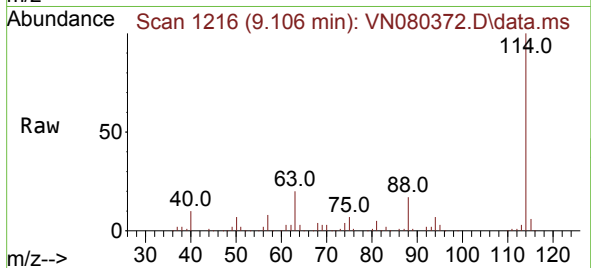




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080372.D
Acq: 05 Dec 2023 18:08

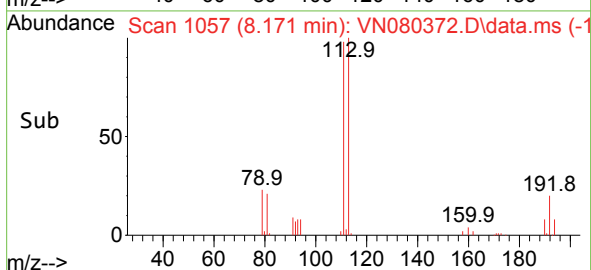
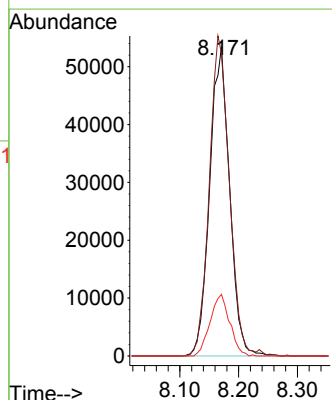
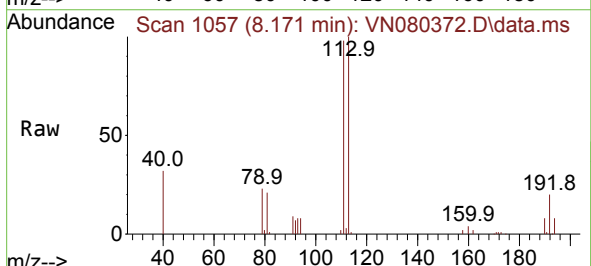
Instrument :
MSVOA_N
ClientSampleId :

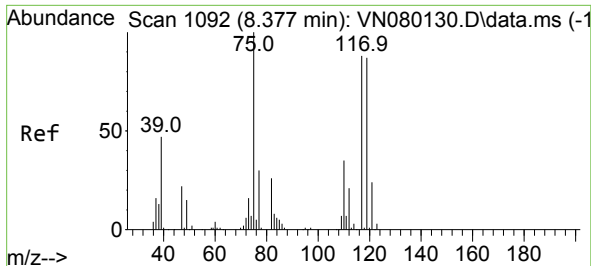
Tgt Ion:114 Resp: 332880
Ion Ratio Lower Upper
114 100
63 19.9 0.0 36.4
88 17.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.260 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080372.D
Acq: 05 Dec 2023 18:08

Tgt Ion:113 Resp: 125906
Ion Ratio Lower Upper
113 100
111 104.0 82.6 123.8
192 19.6 12.7 19.1#





#36

1,1-Dichloropropene

Concen: 4.128 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

Lab File: VN080372.D

Acq: 05 Dec 2023 18:08

Instrument :

MSVOA_N

ClientSampleId :

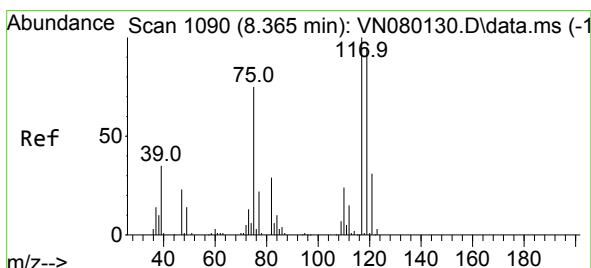
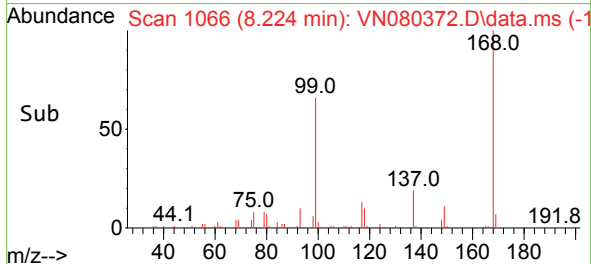
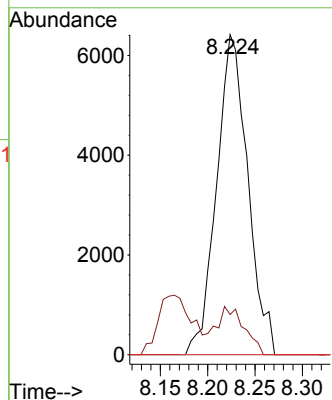
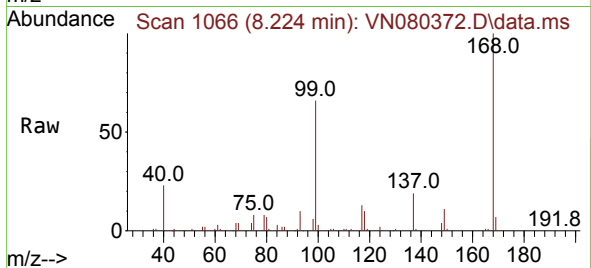
Tgt Ion: 75 Resp: 14678

Ion Ratio Lower Upper

75 100

110 13.1 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 4.523 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN080372.D

Acq: 05 Dec 2023 18:08

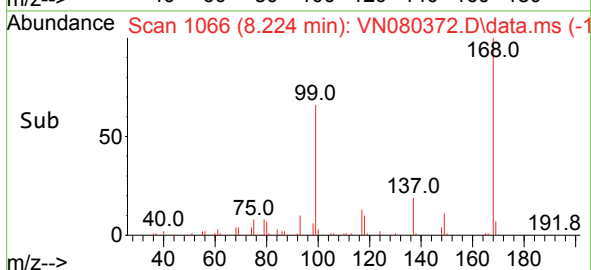
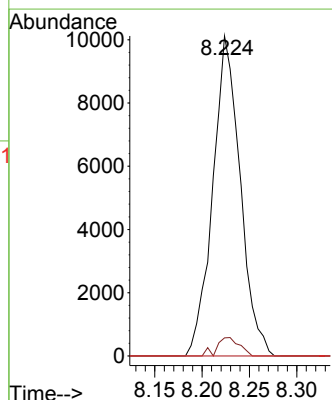
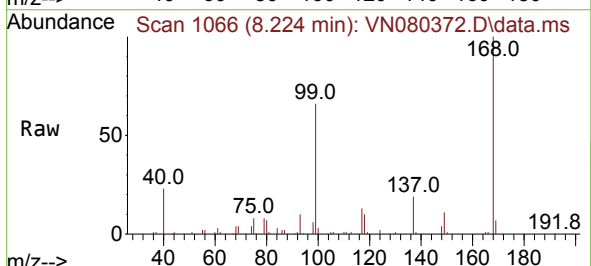
Tgt Ion: 117 Resp: 20411

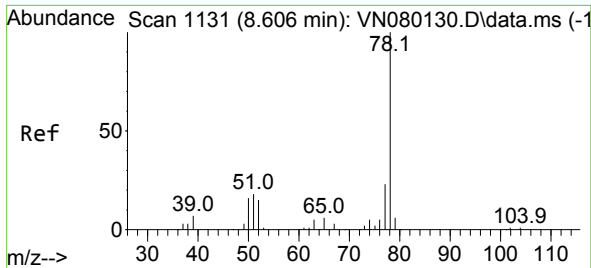
Ion Ratio Lower Upper

117 100

119 5.6 77.3 115.9#

121 0.0 23.3 34.9#





#40

Benzene

Concen: 0.254 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN080372.D

Acq: 05 Dec 2023 18:08

Instrument :

MSVOA_N

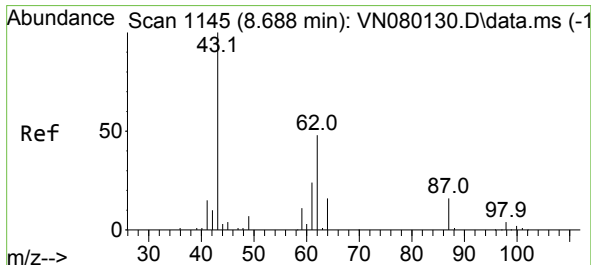
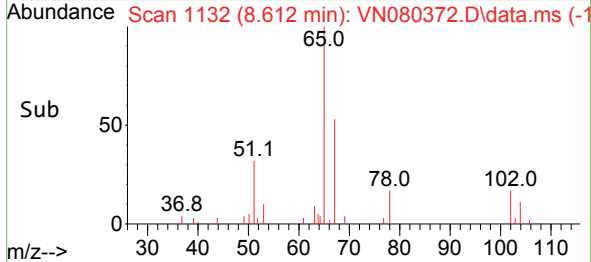
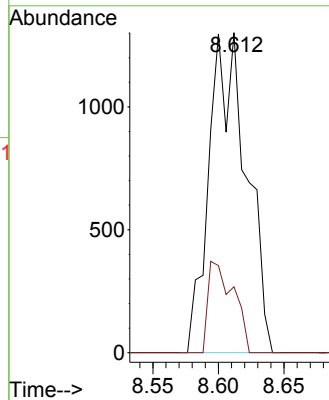
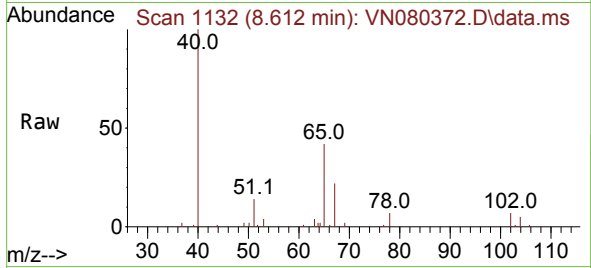
ClientSampleId :

Tgt Ion: 78 Resp: 2566

Ion Ratio Lower Upper

78 100

77 20.6 19.0 28.6



#43

Isopropyl Acetate

Concen: 0.298 ug/l

RT: 8.729 min Scan# 1152

Delta R.T. 0.041 min

Lab File: VN080372.D

Acq: 05 Dec 2023 18:08

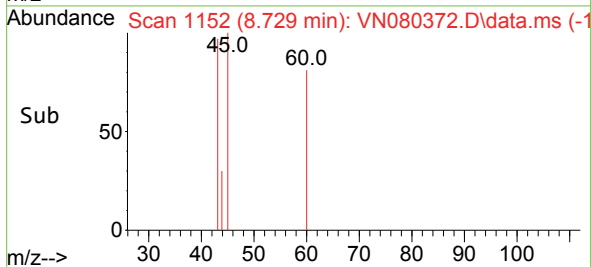
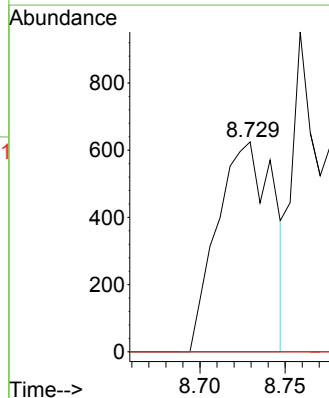
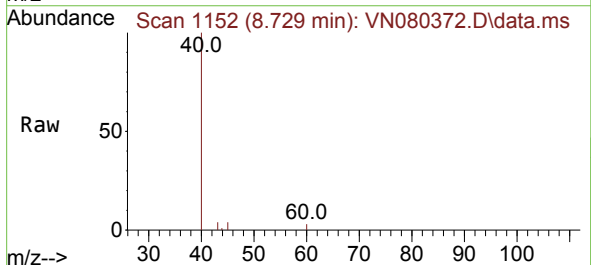
Tgt Ion: 43 Resp: 1429

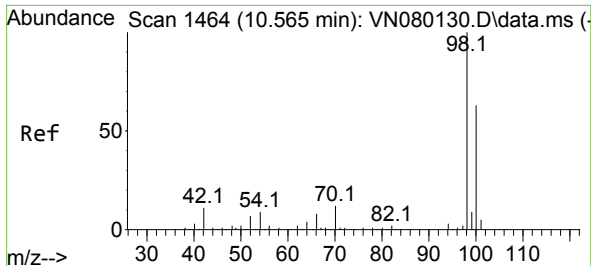
Ion Ratio Lower Upper

43 100

61 0.0 24.7 37.1#

87 0.0 14.6 21.8#

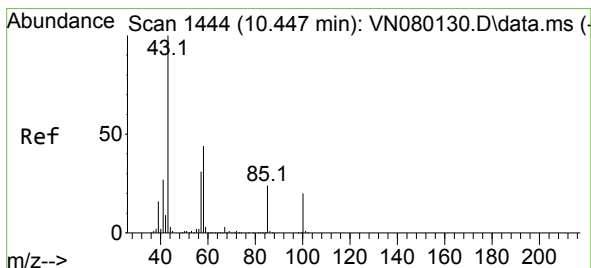
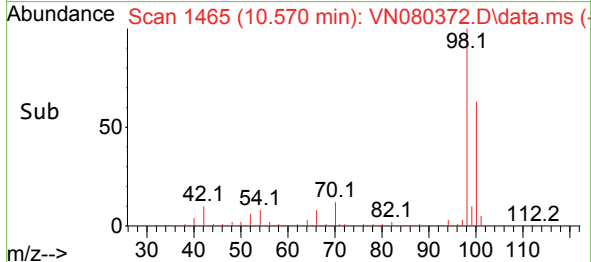
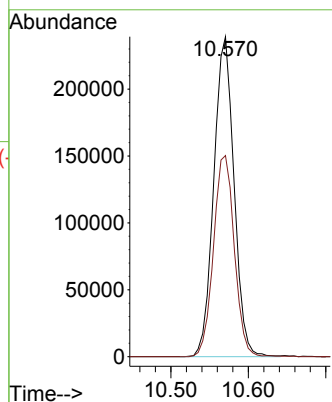
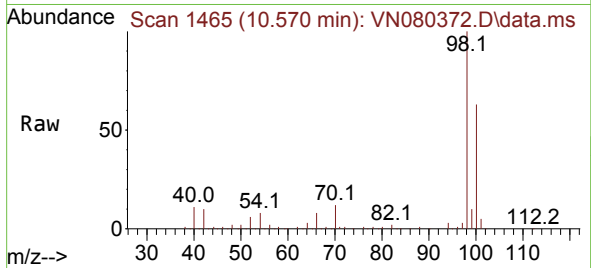




#50
Toluene-d8
Concen: 48.942 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080372.D
Acq: 05 Dec 2023 18:08

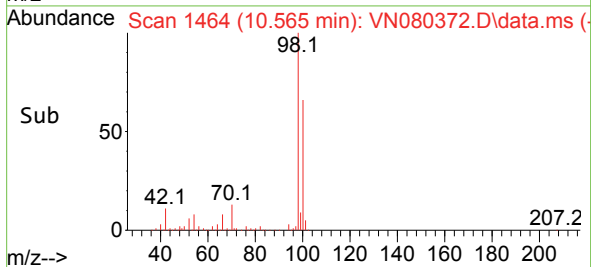
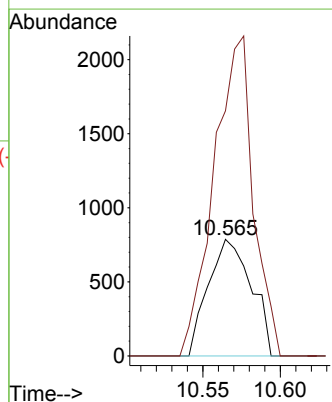
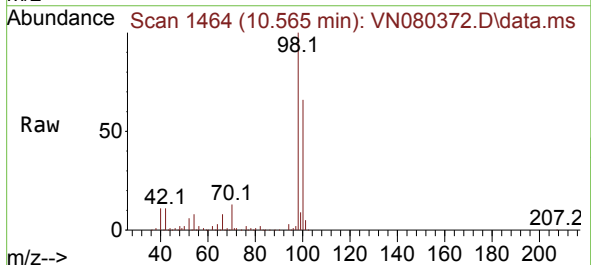
Instrument :
MSVOA_N
ClientSampleId :

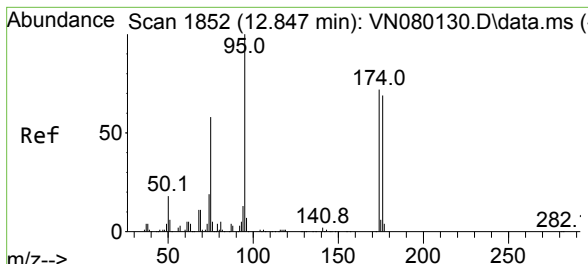
Tgt Ion: 98 Resp: 433343
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.613 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.117 min
Lab File: VN080372.D
Acq: 05 Dec 2023 18:08

Tgt Ion: 43 Resp: 1523
Ion Ratio Lower Upper
43 100
58 249.8 36.6 54.8#

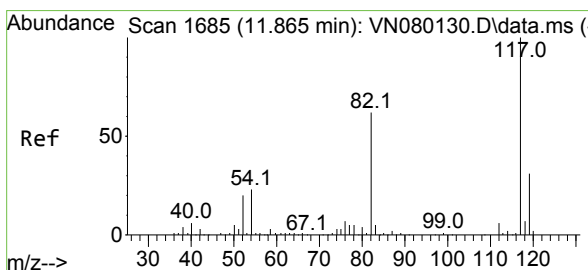
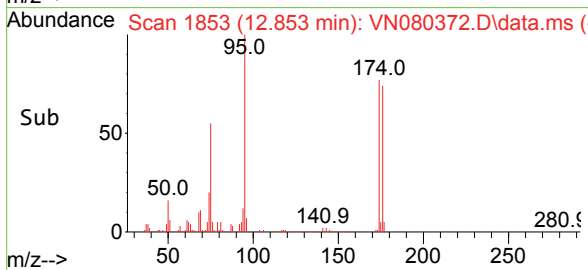
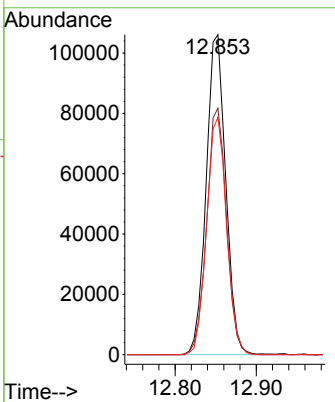
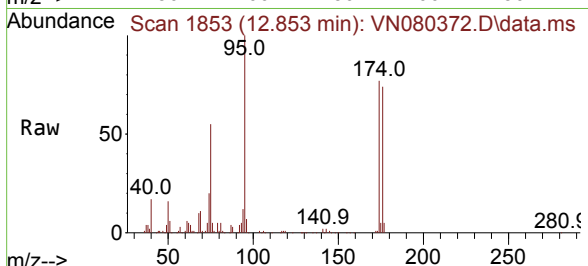




#62
 4-Bromofluorobenzene
 Concen: 53.044 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.006 min
 Lab File: VN080372.D
 Acq: 05 Dec 2023 18:08

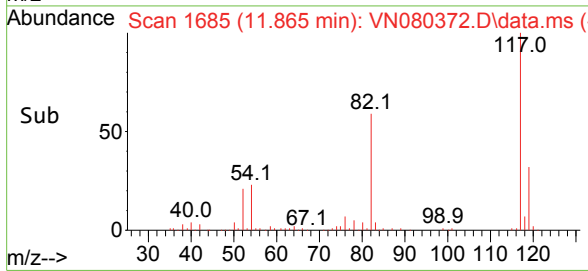
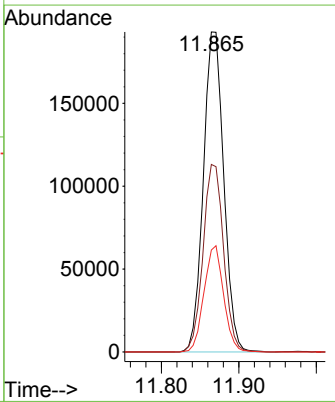
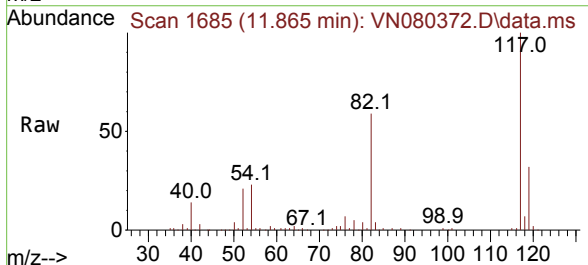
Instrument :
 MSVOA_N
 ClientSampleId :

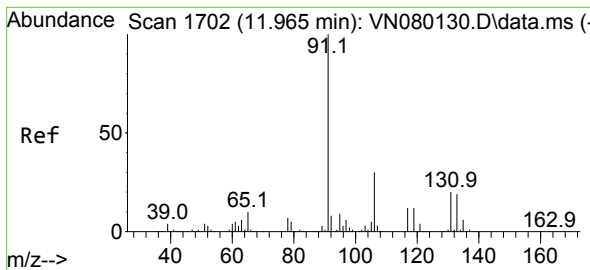
Tgt Ion:	95	Resp:	177400
Ion	Ratio	Lower	Upper
95	100		
174	77.9	0.0	143.8
176	75.4	0.0	135.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. -0.000 min
 Lab File: VN080372.D
 Acq: 05 Dec 2023 18:08

Tgt Ion:	117	Resp:	353039
Ion	Ratio	Lower	Upper
117	100		
82	58.6	44.0	66.0
119	31.8	25.6	38.4





#67

Ethyl Benzene

Concen: 0.211 ug/l

RT: 11.964 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080372.D

Acq: 05 Dec 2023 18:08

Instrument :

MSVOA_N

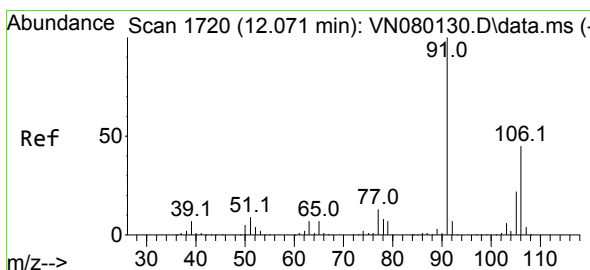
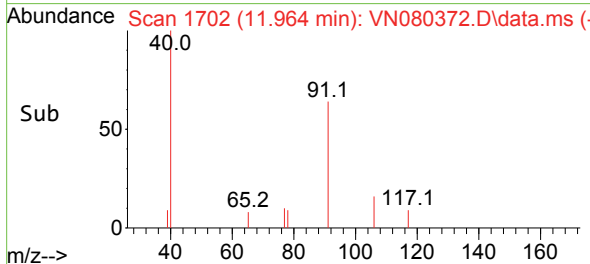
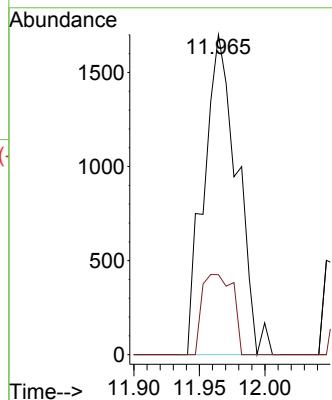
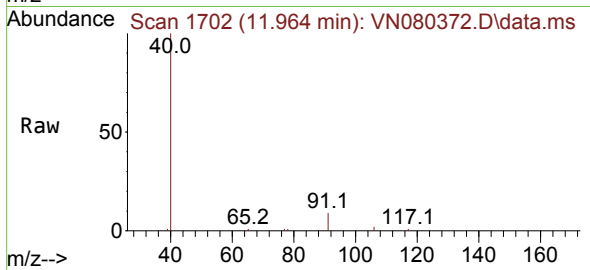
ClientSampleId :

Tgt Ion: 91 Resp: 3002

Ion Ratio Lower Upper

91 100

106 25.0 25.6 38.4#



#68

m/p-Xylenes

Concen: 0.305 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN080372.D

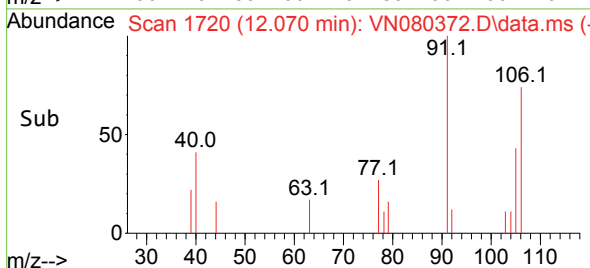
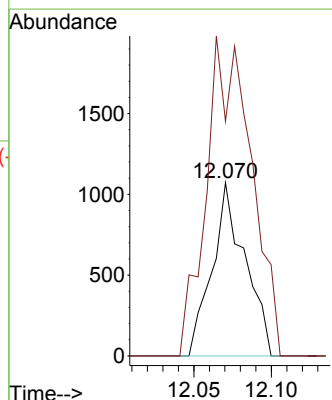
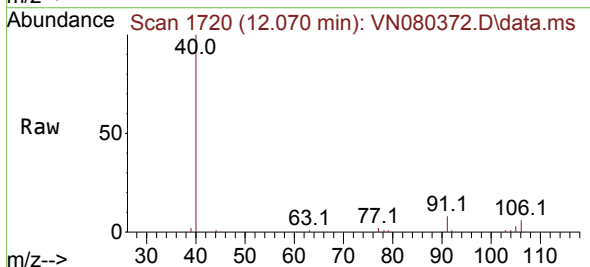
Acq: 05 Dec 2023 18:08

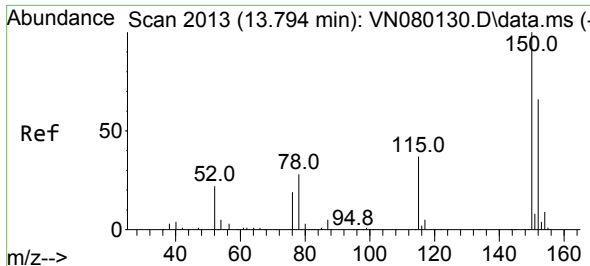
Tgt Ion: 106 Resp: 1584

Ion Ratio Lower Upper

106 100

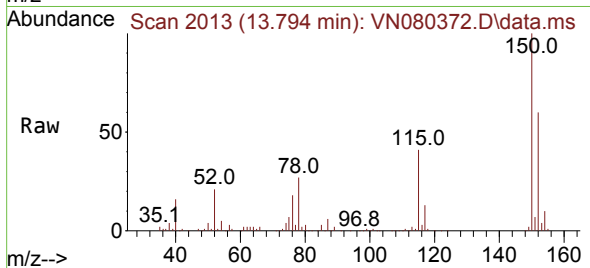
91 250.9 159.6 239.4#



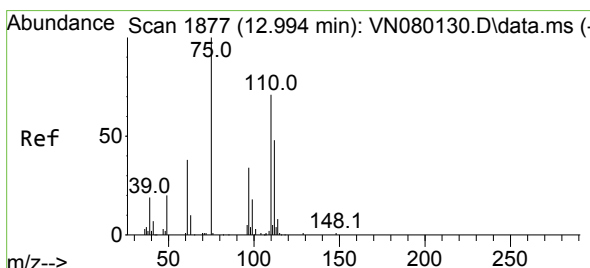
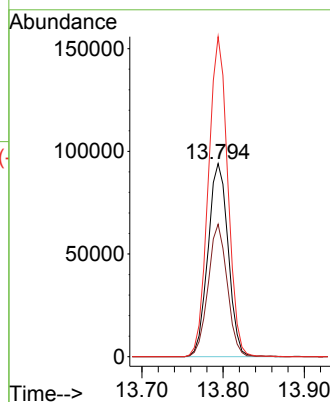
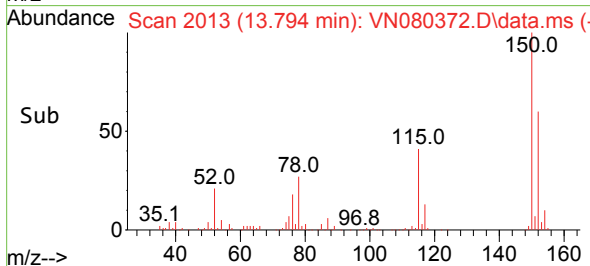


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN080372.D
 Acq: 05 Dec 2023 18:08

Instrument :
 MSVOA_N
 ClientSampleId :

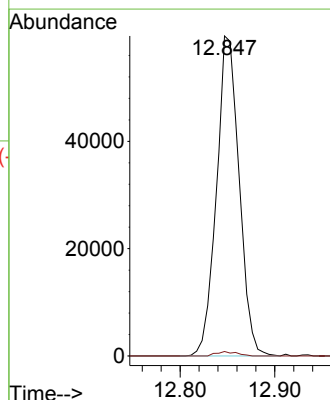
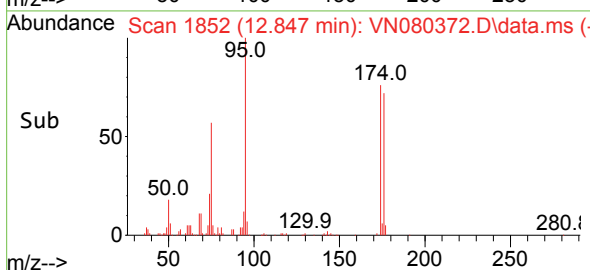
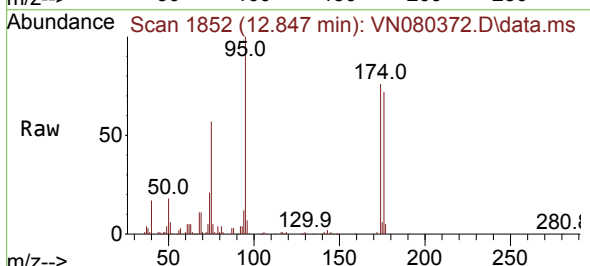


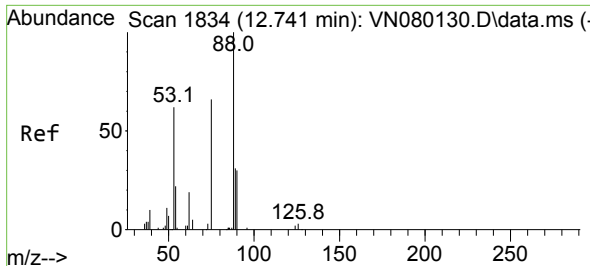
Tgt Ion:152 Resp: 161921
 Ion Ratio Lower Upper
 152 100
 115 65.2 32.3 96.8
 150 159.8 0.0 355.8



#76
 1,2,3-Trichloropropane
 Concen: 25.030 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN080372.D
 Acq: 05 Dec 2023 18:08

Tgt Ion: 75 Resp: 99304
 Ion Ratio Lower Upper
 75 100
 77 1.2 84.5 253.5#

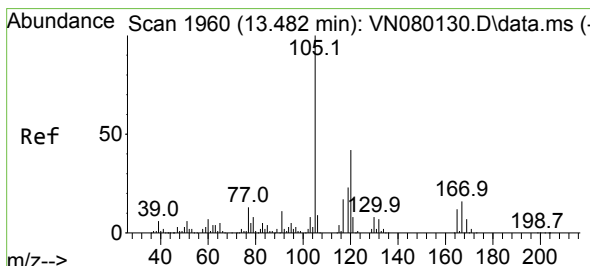
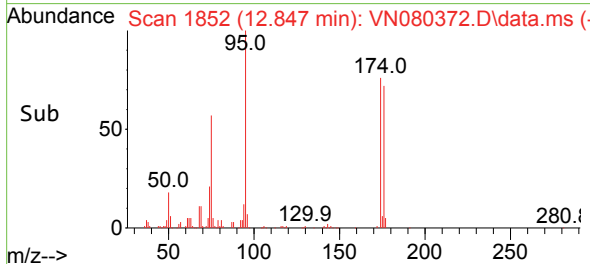
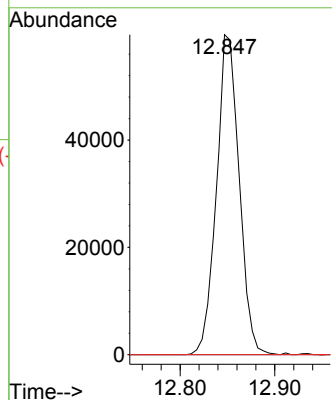
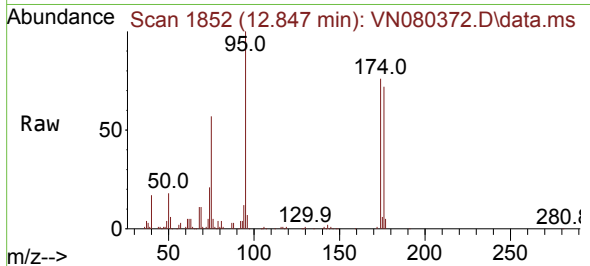




#81
trans-1,4-Dichloro-2-butene
Concen: 84.567 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN080372.D
Acq: 05 Dec 2023 18:08

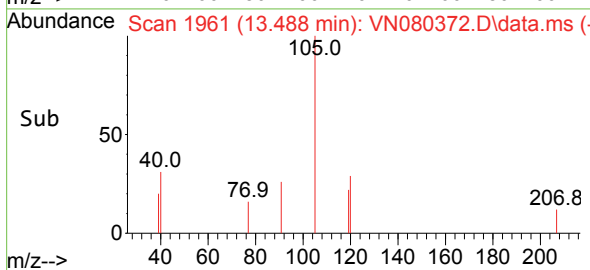
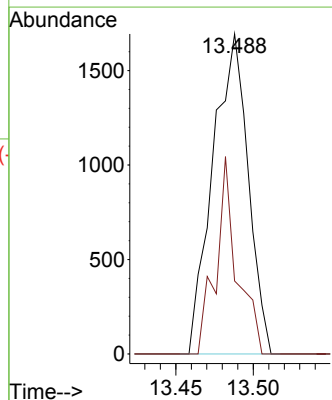
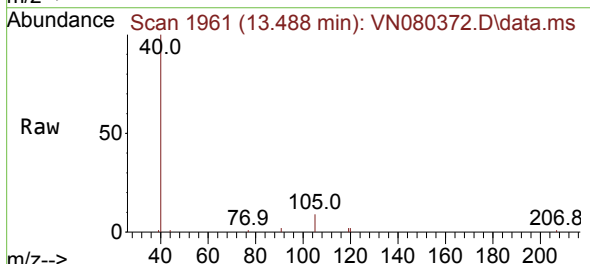
Instrument :
MSVOA_N
ClientSampleId :

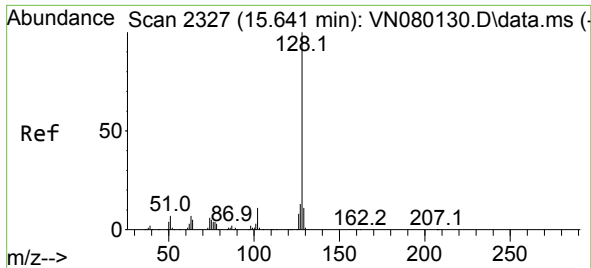
Tgt Ion: 75 Resp: 99304
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#84
1,2,4-Trimethylbenzene
Concen: 0.248 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN080372.D
Acq: 05 Dec 2023 18:08

Tgt Ion: 105 Resp: 2680
Ion Ratio Lower Upper
105 100
120 36.6 22.0 66.0





#95

Naphthalene

Concen: 0.943 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

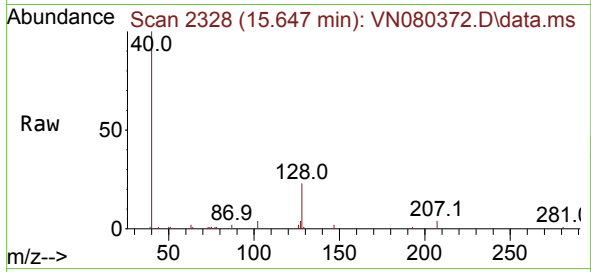
Lab File: VN080372.D

Acq: 05 Dec 2023 18:08

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:128 Resp: 8702

Ion Ratio Lower Upper

128 100

127 14.9 10.0 15.0

129 12.1 8.7 13.1

