

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031723\
 Data File : VN077052.D
 Acq On : 17 Mar 2023 23:02
 Operator : JC\MD
 Sample : 01941-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT205S1-20230314

Quant Time: Mar 18 02:37:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 18 02:17:37 2023
 Response via : Initial Calibration

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

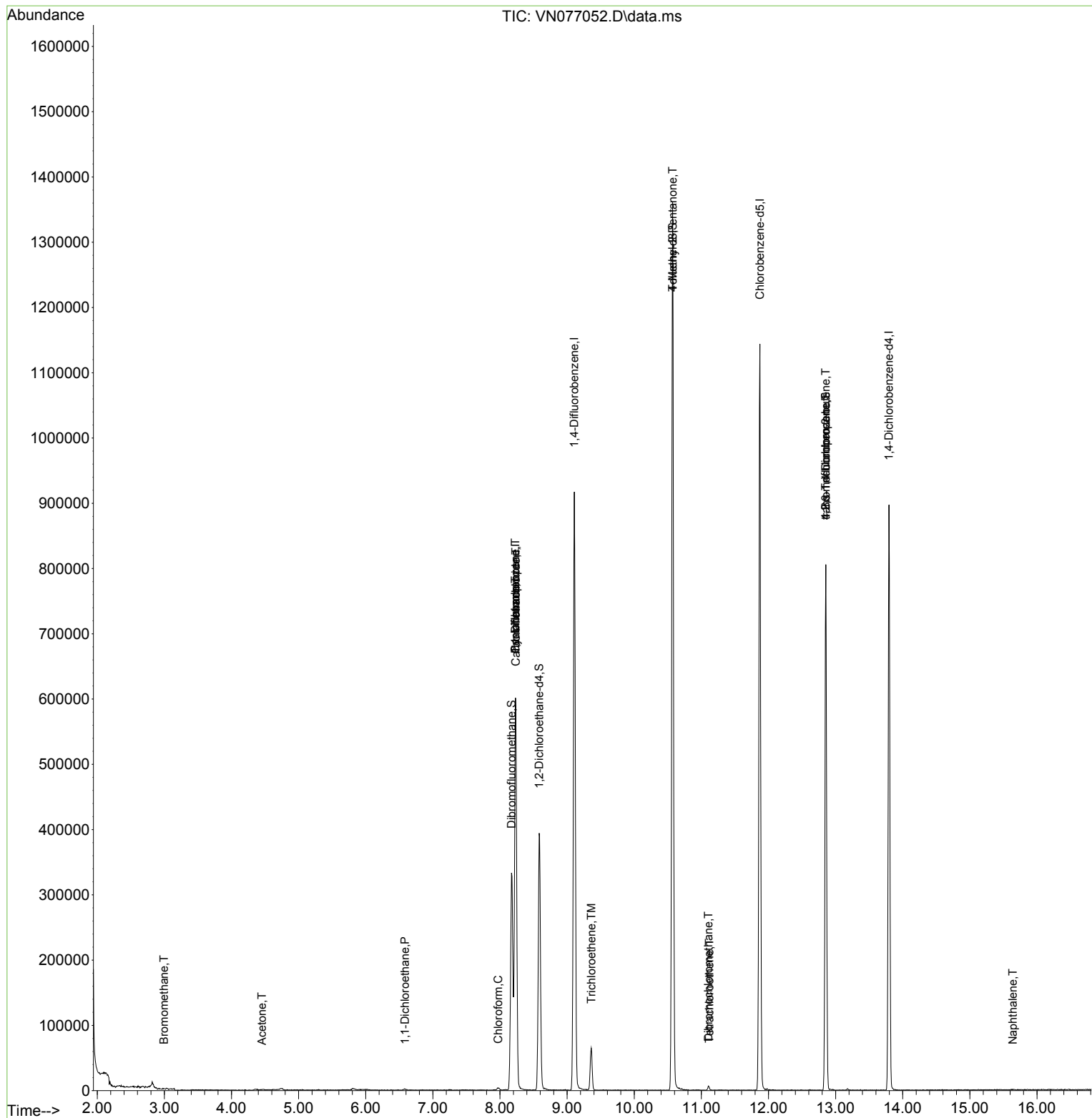
Internal Standards						
1) Pentafluorobenzene	8.230	168	407751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	745387	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	625790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	226352	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	325319	49.948	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.900%		
35) Dibromofluoromethane	8.172	113	243067	46.564	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.120%		
50) Toluene-d8	10.571	98	897947	48.156	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.320%		
62) 4-Bromofluorobenzene	12.854	95	279275	42.385	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	84.760%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.995	94	626	0.209	ug/l #	3
16) Acetone	4.454	43	741	0.255	ug/l	90
24) 1,1-Dichloroethane	6.583	63	3007	0.265	ug/l #	84
30) Chloroform	7.972	83	3721	0.337	ug/l	89
31) Cyclohexane	8.230	56	11583	1.087	ug/l #	4
36) 1,1-Dichloropropene	8.230	75	38566	4.730	ug/l #	51
38) Carbon Tetrachloride	8.236	117	46428	5.846	ug/l #	14
44) Trichloroethene	9.360	130	22827	4.019	ug/l	95
51) 4-Methyl-2-Pentanone	10.571	43	4584	0.540	ug/l #	1
60) Dibromochloromethane	11.107	129	1520	0.260	ug/l #	11
64) Tetrachloroethene	11.118	164	1415	0.337	ug/l #	60
76) 1,2,3-Trichloropropane	12.854	75	150474	25.700	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	150474	70.742	ug/l #	10
95) Naphthalene	15.642	128	307	1.932	ug/l #	70

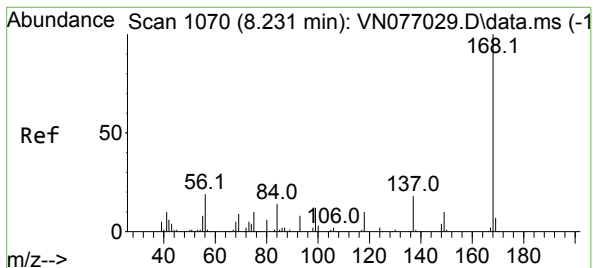
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN077052.D

Acq: 17 Mar 2023 23:02

Instrument :

MSVOA_N

ClientSampleId :

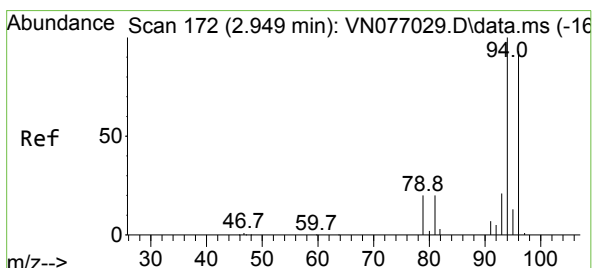
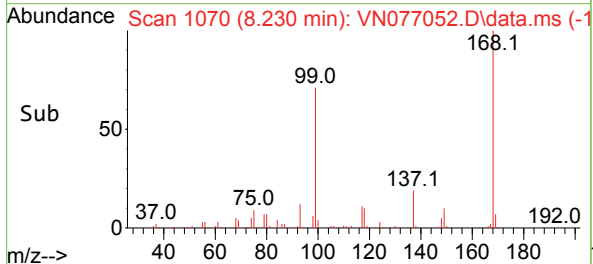
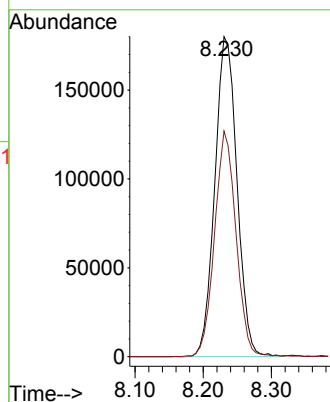
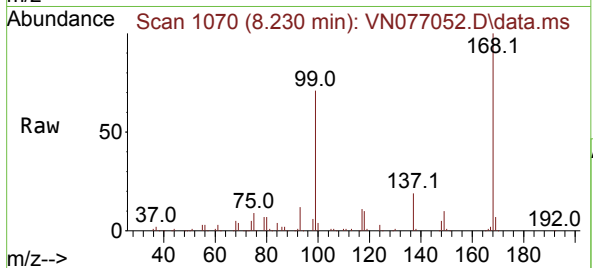
TT205S1-20230314

Tgt Ion:168 Resp: 407751

Ion Ratio Lower Upper

168 100

99 70.5 53.9 80.9



#5

Bromomethane

Concen: 0.209 ug/l

RT: 2.995 min Scan# 180

Delta R.T. 0.047 min

Lab File: VN077052.D

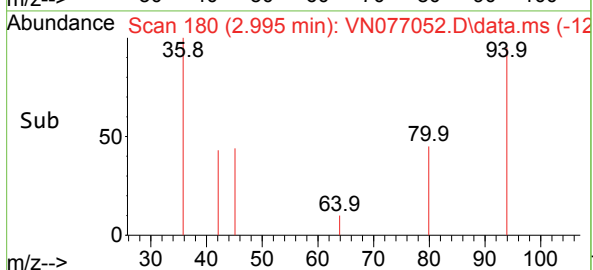
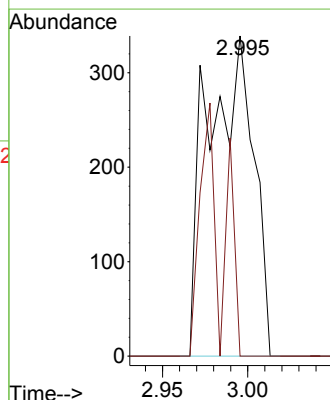
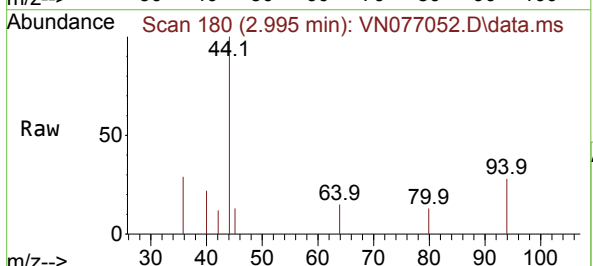
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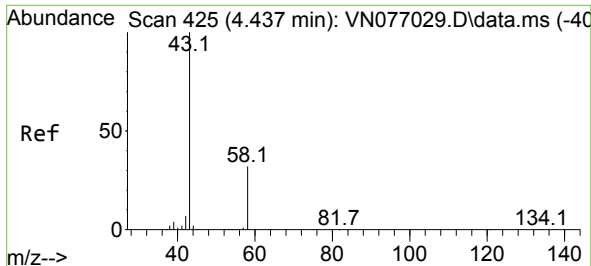
Tgt Ion: 94 Resp: 626

Ion Ratio Lower Upper

94 100

96 0.0 74.1 111.1#

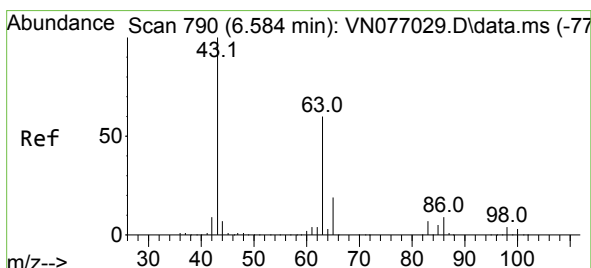
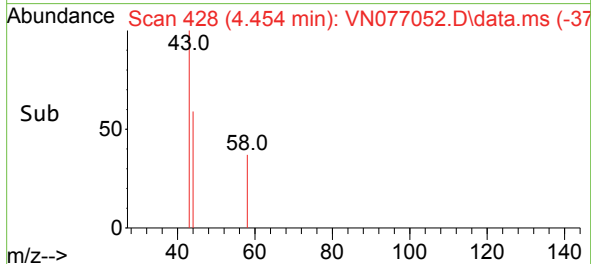
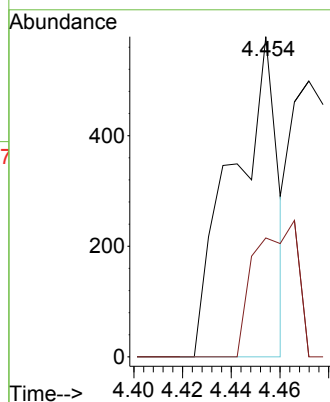
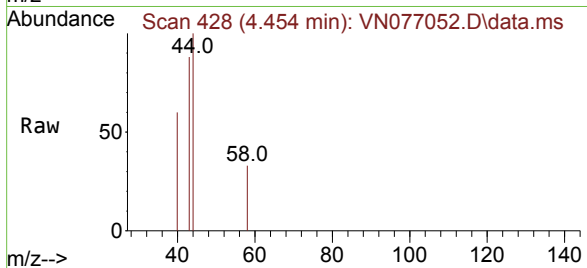




#16
Acetone
Concen: 0.255 ug/l
RT: 4.454 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN077052.D
Acq: 17 Mar 2023 23:02

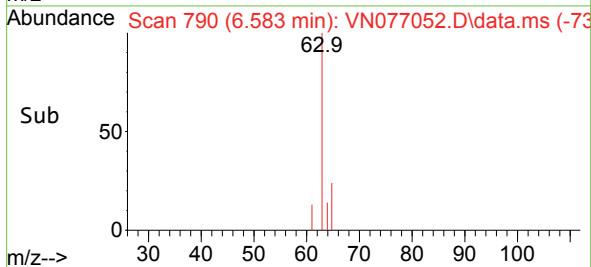
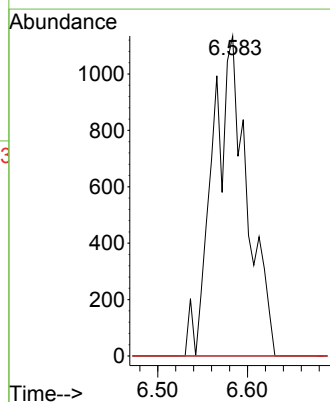
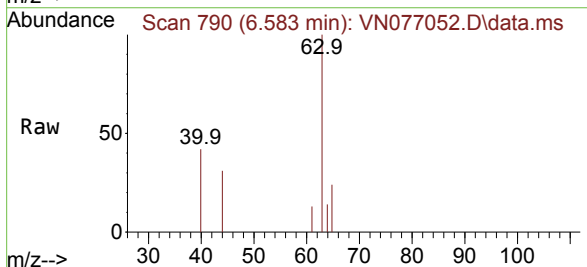
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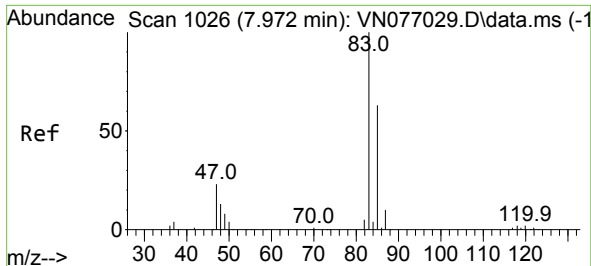
Tgt Ion: 43 Resp: 741
Ion Ratio Lower Upper
43 100
58 37.1 25.4 38.0



#24
1,1-Dichloroethane
Concen: 0.265 ug/l
RT: 6.583 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN077052.D
Acq: 17 Mar 2023 23:02

Tgt Ion: 63 Resp: 3007
Ion Ratio Lower Upper
63 100
98 0.0 3.1 9.4#
100 0.0 2.1 6.3#





#30

Chloroform

Concen: 0.337 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077052.D

Acq: 17 Mar 2023 23:02

Instrument :

MSVOA_N

ClientSampleId :

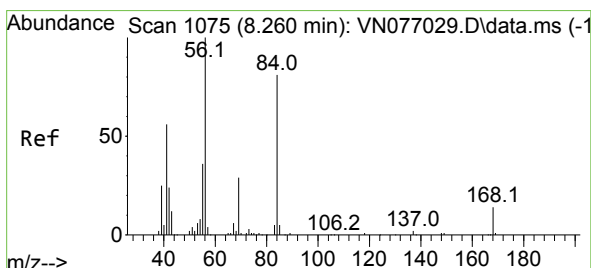
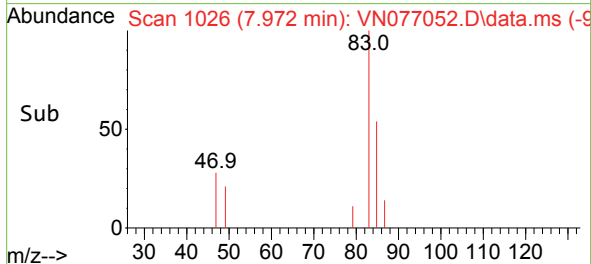
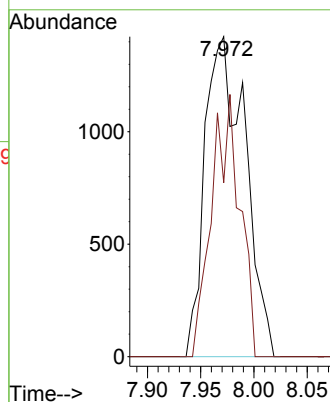
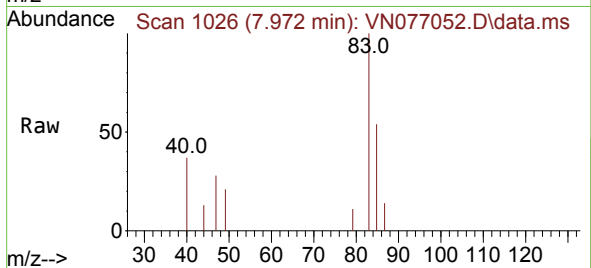
TT205S1-20230314

Tgt Ion: 83 Resp: 3721

Ion Ratio Lower Upper

83 100

85 54.3 50.6 75.8



#31

Cyclohexane

Concen: 1.087 ug/l

RT: 8.230 min Scan# 1070

Delta R.T. -0.030 min

Lab File: VN077052.D

Acq: 17 Mar 2023 23:02

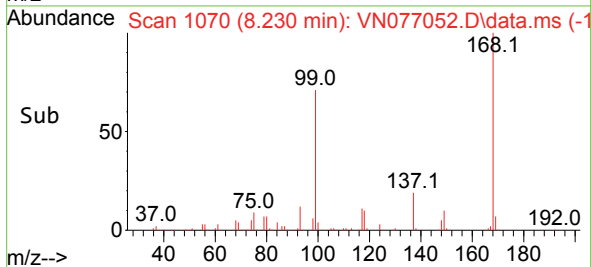
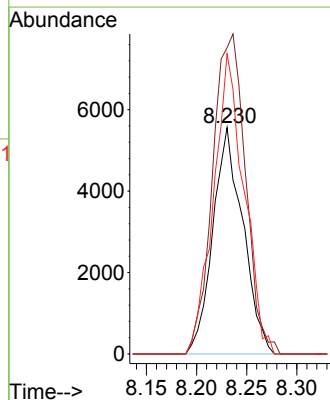
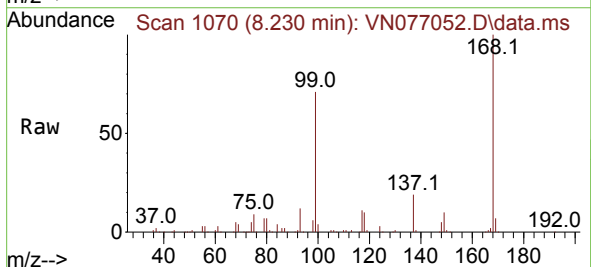
Tgt Ion: 56 Resp: 11583

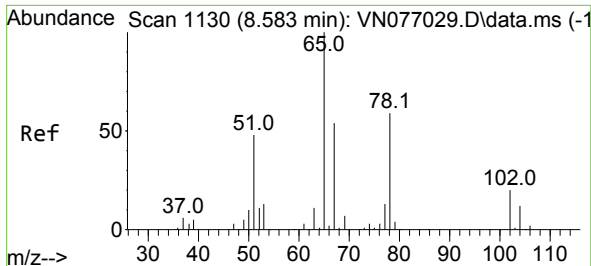
Ion Ratio Lower Upper

56 100

69 135.2 22.8 34.2#

84 132.6 64.7 97.1#





#33

1,2-Dichloroethane-d4

Concen: 49.948 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077052.D

Acq: 17 Mar 2023 23:02

Instrument :

MSVOA_N

ClientSampleId :

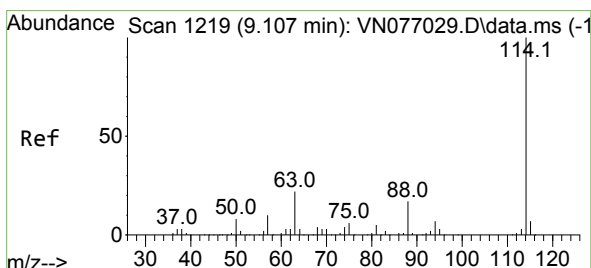
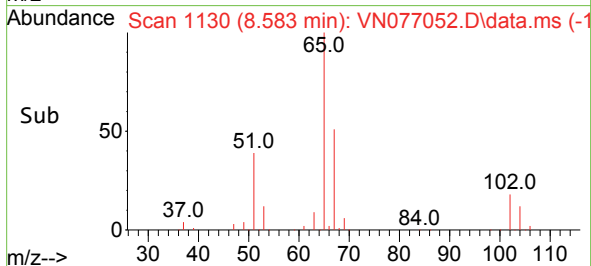
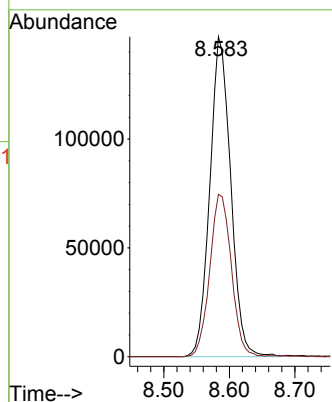
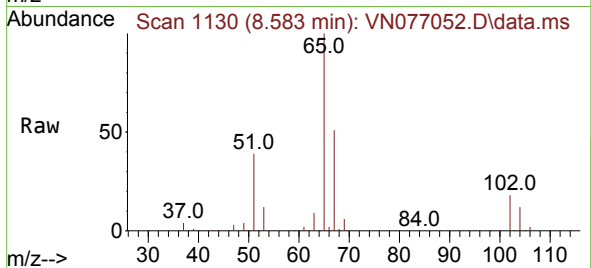
TT205S1-20230314

Tgt Ion: 65 Resp: 325319

Ion Ratio Lower Upper

65 100

67 52.3 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077052.D

Acq: 17 Mar 2023 23:02

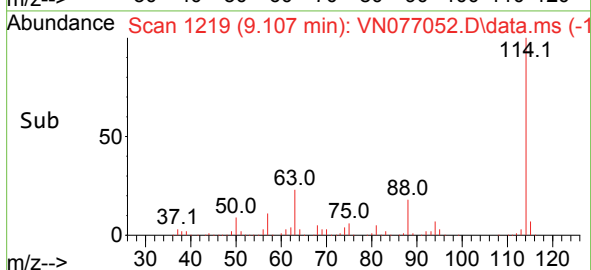
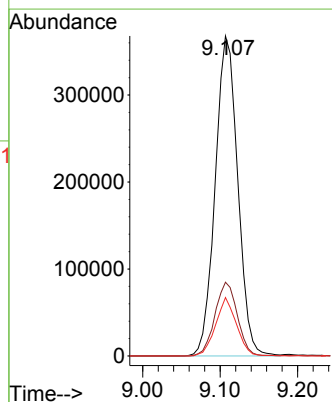
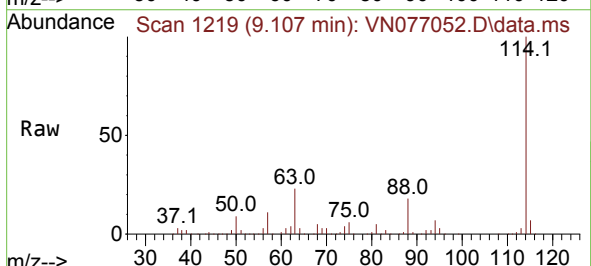
Tgt Ion: 114 Resp: 745387

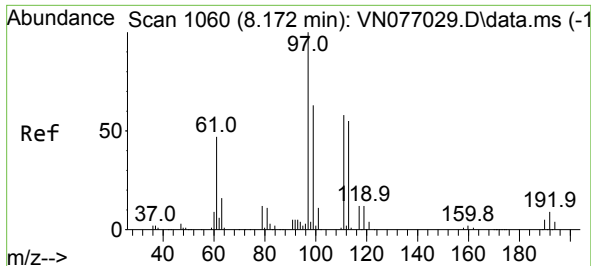
Ion Ratio Lower Upper

114 100

63 23.0 0.0 44.6

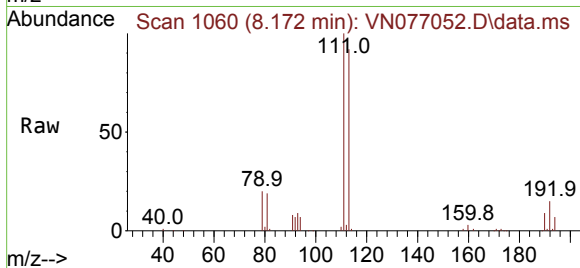
88 18.2 0.0 33.8



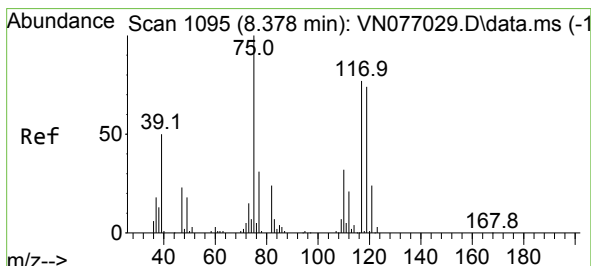
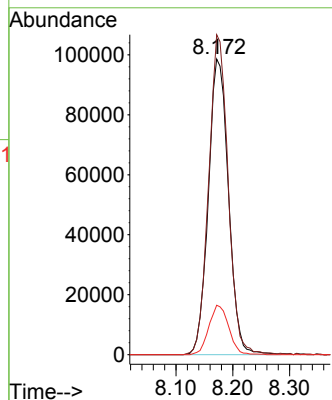
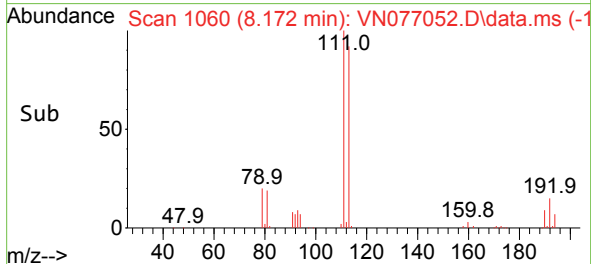


#35
Dibromofluoromethane
Concen: 46.564 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077052.D
Acq: 17 Mar 2023 23:02

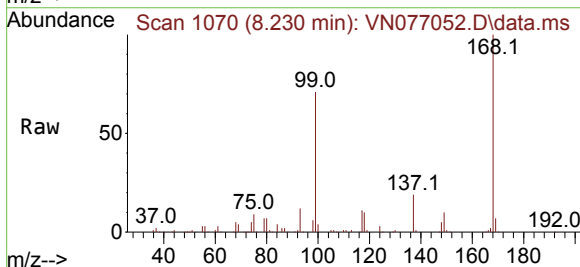
Instrument :
MSVOA_N
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TT205S1-20230314



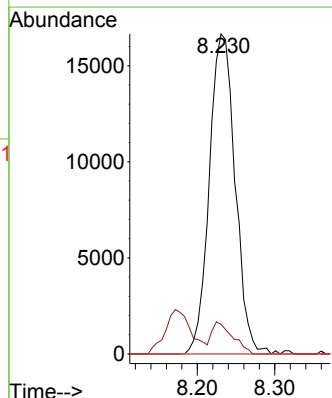
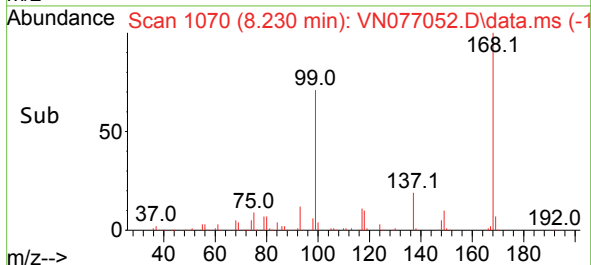
Tgt Ion:113 Resp: 243067
Ion Ratio Lower Upper
113 100
111 104.6 82.2 123.2
192 16.5 13.0 19.6

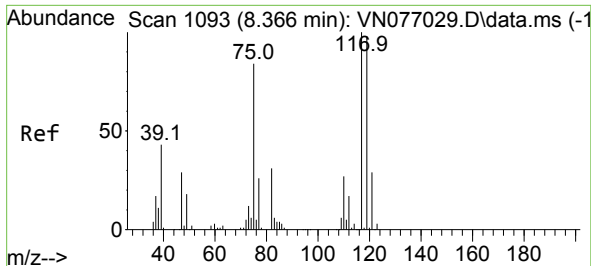


#36
1,1-Dichloropropene
Concen: 4.730 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.147 min
Lab File: VN077052.D
Acq: 17 Mar 2023 23:02



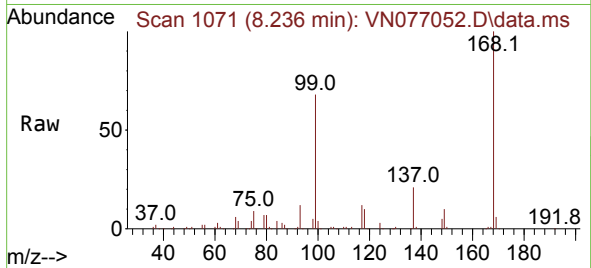
Tgt Ion: 75 Resp: 38566
Ion Ratio Lower Upper
75 100
110 8.0 15.9 47.7#
77 0.0 24.3 36.5#



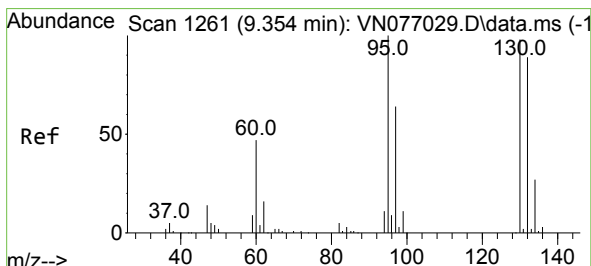
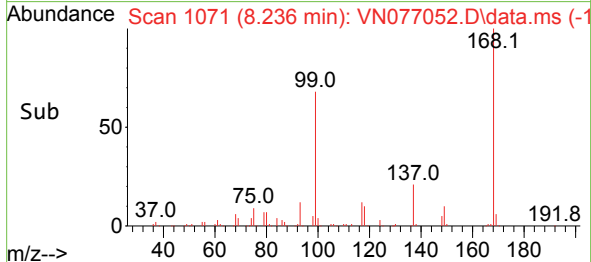
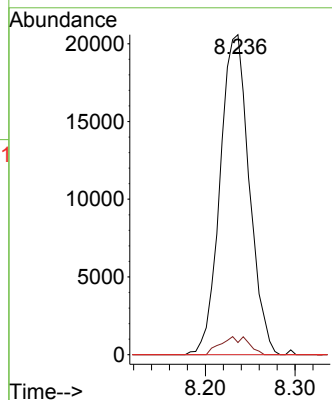


#38
Carbon Tetrachloride
Concen: 5.846 ug/l
RT: 8.236 min Scan# 1093
Delta R.T. -0.130 min
Lab File: VN077052.D
Acq: 17 Mar 2023 23:02

Instrument :
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ClientSampleId :
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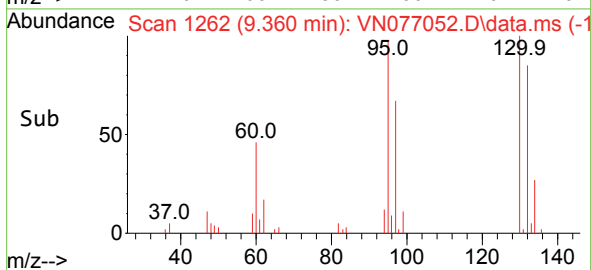
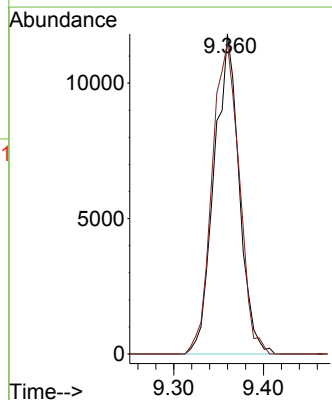
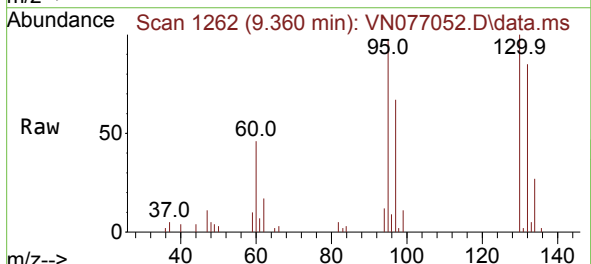


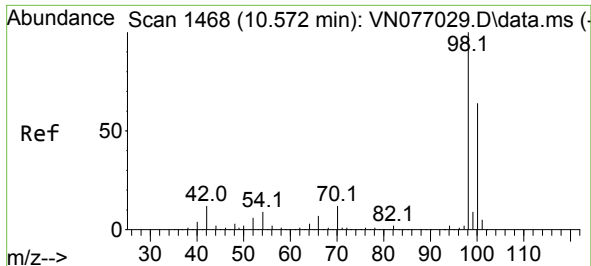
Tgt Ion:117 Resp: 46428
Ion Ratio Lower Upper
117 100
119 3.8 78.2 117.2#
121 0.0 23.2 34.8#



#44
Trichloroethene
Concen: 4.019 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VN077052.D
Acq: 17 Mar 2023 23:02

Tgt Ion:130 Resp: 22827
Ion Ratio Lower Upper
130 100
95 97.1 0.0 204.4

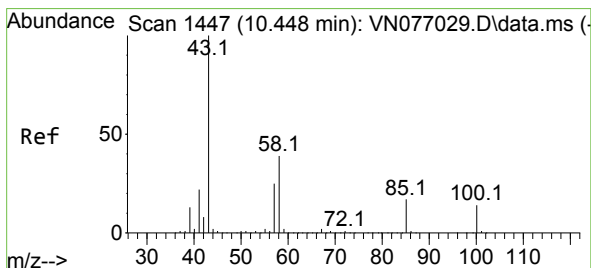
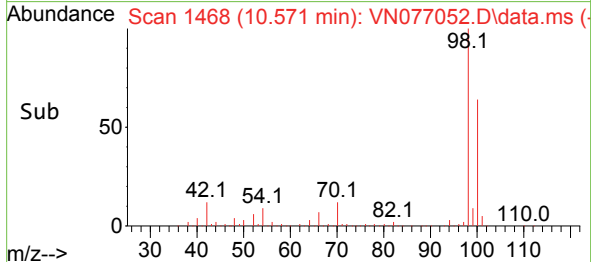
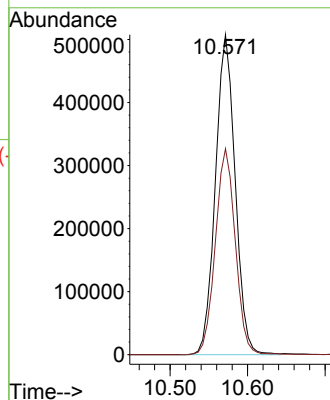
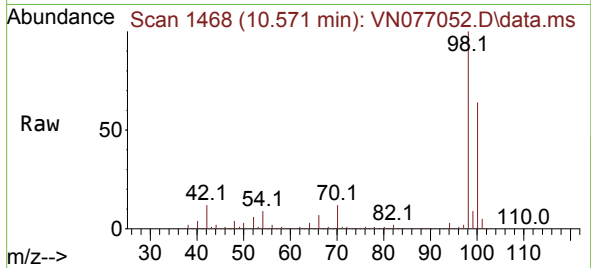




#50
Toluene-d8
Concen: 48.156 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077052.D
Acq: 17 Mar 2023 23:02

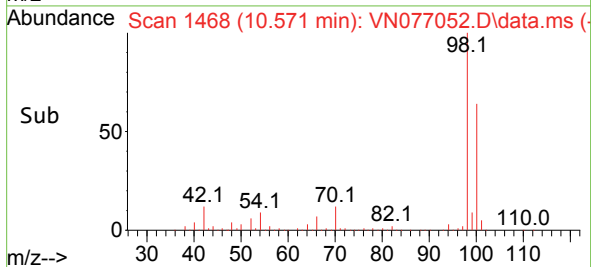
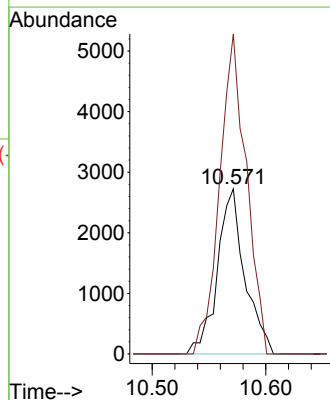
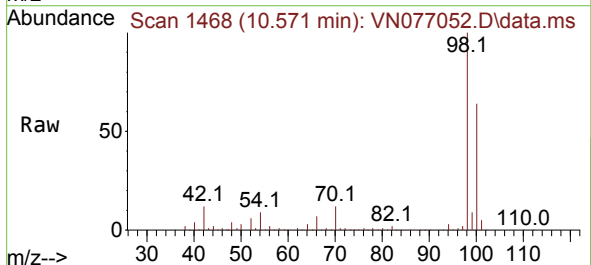
Instrument :
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TT205S1-20230314

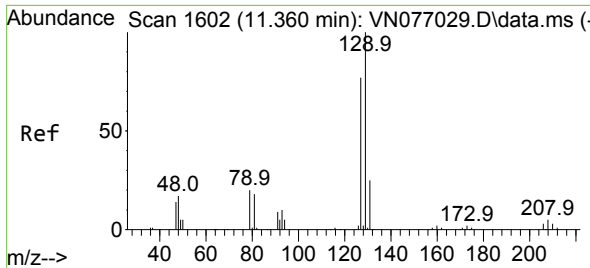
Tgt Ion: 98 Resp: 897947
Ion Ratio Lower Upper
98 100
100 65.3 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 0.540 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. 0.123 min
Lab File: VN077052.D
Acq: 17 Mar 2023 23:02

Tgt Ion: 43 Resp: 4584
Ion Ratio Lower Upper
43 100
58 188.8 31.1 46.7#

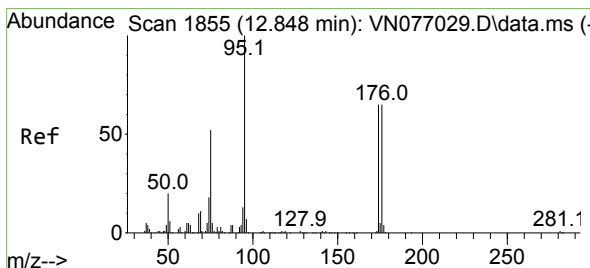
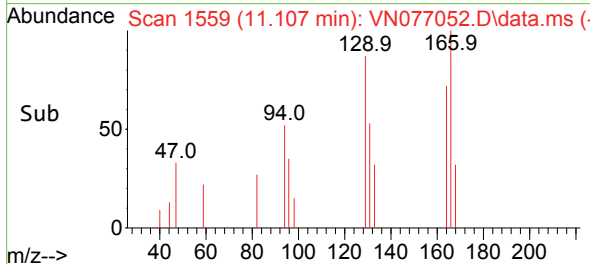
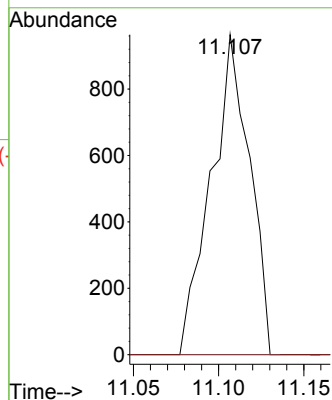
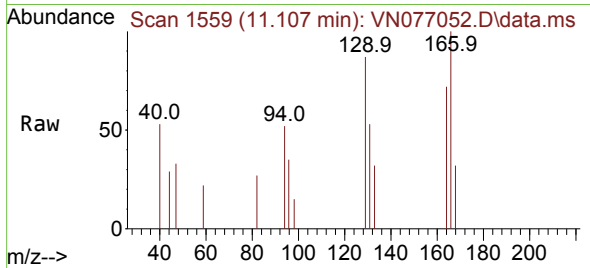




#60
Dibromochloromethane
Concen: 0.260 ug/l
RT: 11.107 min Scan# 11
Delta R.T. -0.253 min
Lab File: VN077052.D
Acq: 17 Mar 2023 23:02

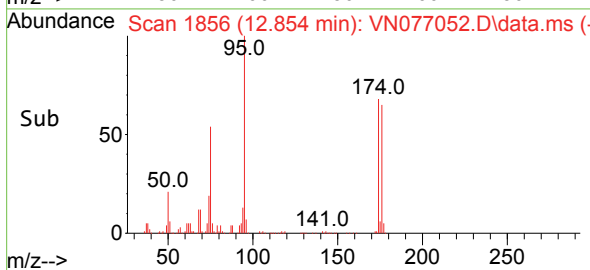
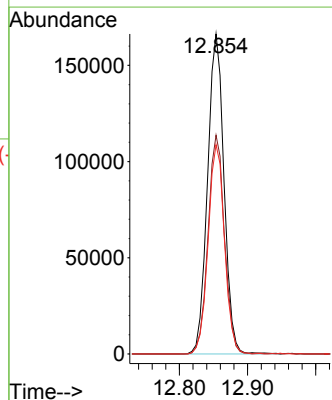
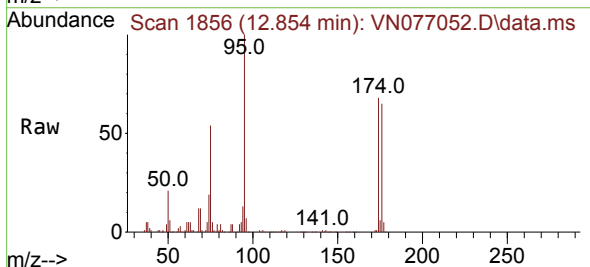
Instrument :
MSVOA_N
ClientSampleId :
TT205S1-20230314

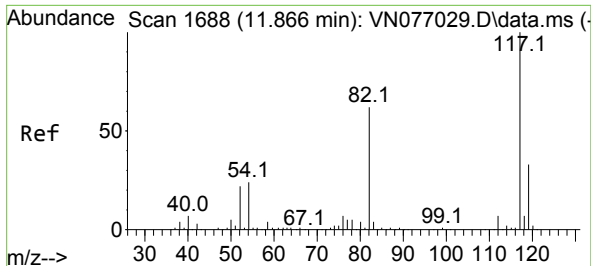
Tgt Ion:129 Resp: 1520
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.7#



#62
4-Bromofluorobenzene
Concen: 42.385 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077052.D
Acq: 17 Mar 2023 23:02

Tgt Ion: 95 Resp: 279275
Ion Ratio Lower Upper
95 100
174 68.4 0.0 136.6
176 65.0 0.0 130.0

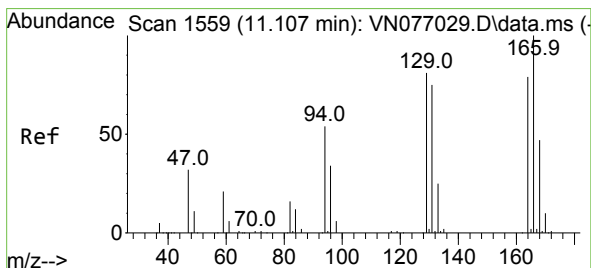
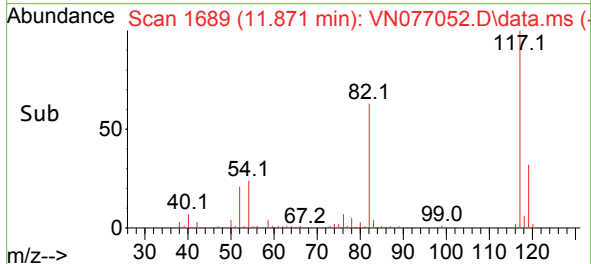
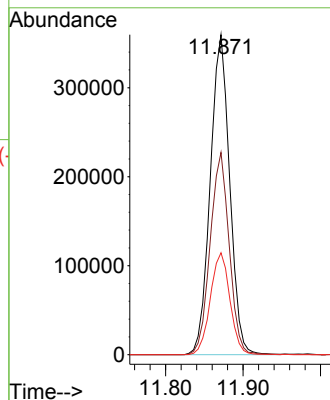
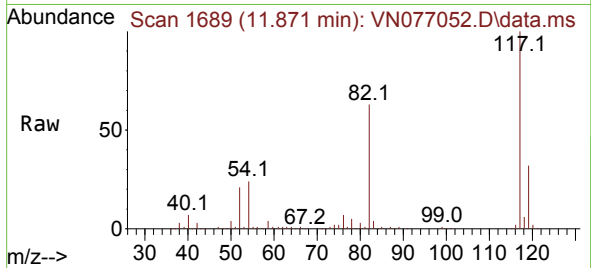




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN077052.D
Acq: 17 Mar 2023 23:02

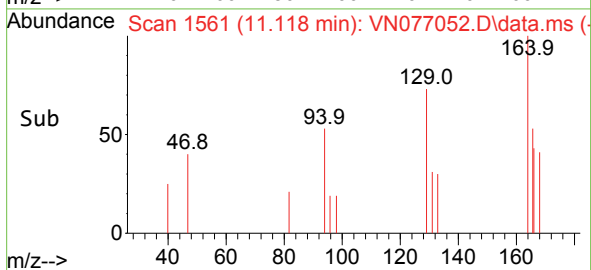
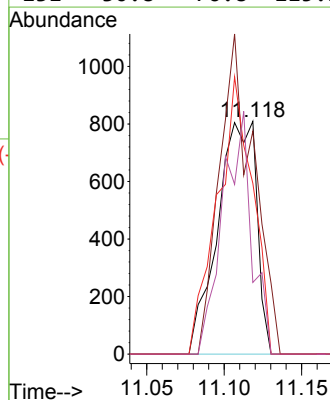
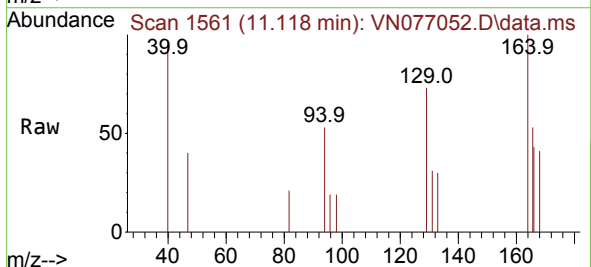
Instrument :
MSVOA_N
ClientSampleId :
TT205S1-20230314

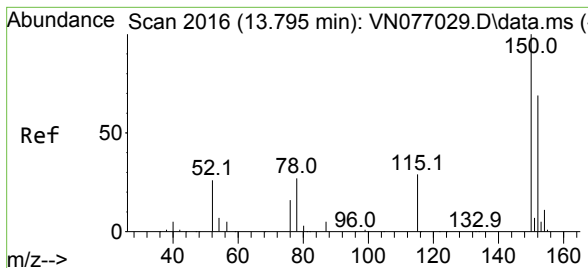
Tgt Ion:117 Resp: 625790
Ion Ratio Lower Upper
117 100
82 63.2 49.4 74.0
119 31.9 26.5 39.7



#64
Tetrachloroethene
Concen: 0.337 ug/l
RT: 11.118 min Scan# 1561
Delta R.T. 0.012 min
Lab File: VN077052.D
Acq: 17 Mar 2023 23:02

Tgt Ion:164 Resp: 1415
Ion Ratio Lower Upper
164 100
166 95.8 101.9 152.9#
129 73.4 82.6 123.8#
131 30.8 76.8 115.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN077052.D

Acq: 17 Mar 2023 23:02

Instrument :

MSVOA_N

ClientSampleId :

TT205S1-20230314

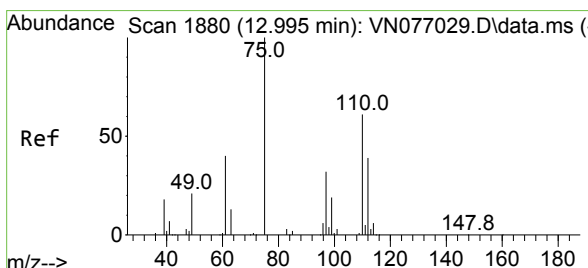
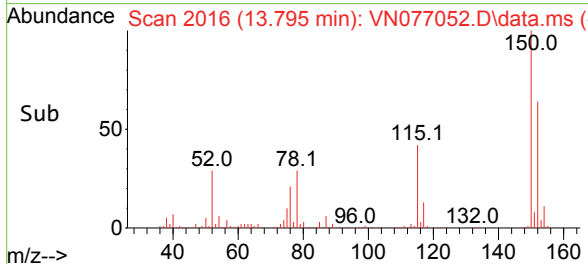
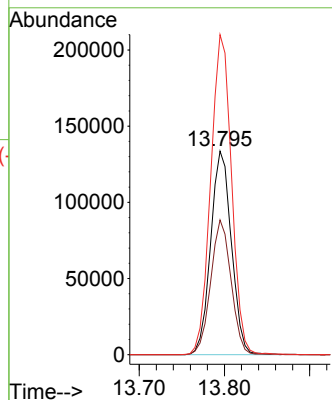
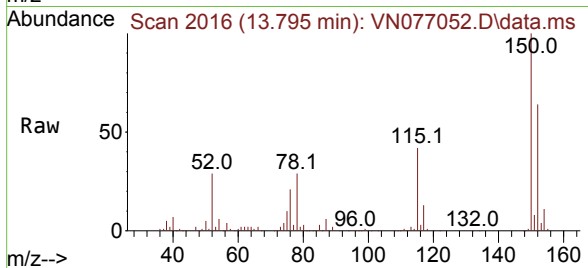
Tgt Ion:152 Resp: 226352

Ion Ratio Lower Upper

152 100

115 65.0 31.9 95.7

150 158.0 0.0 348.0



#76

1,2,3-Trichloropropane

Concen: 25.700 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. -0.141 min

Lab File: VN077052.D

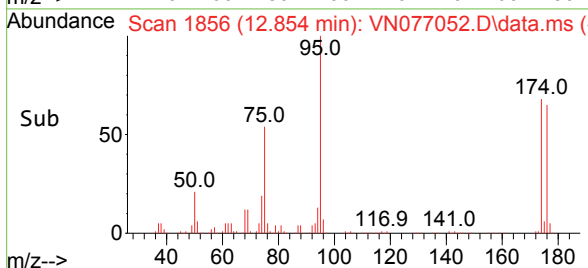
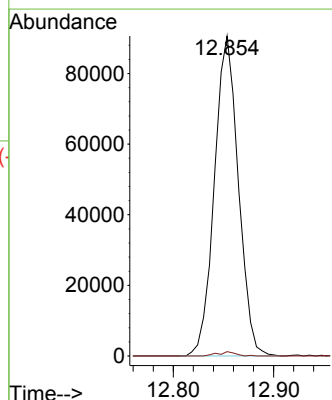
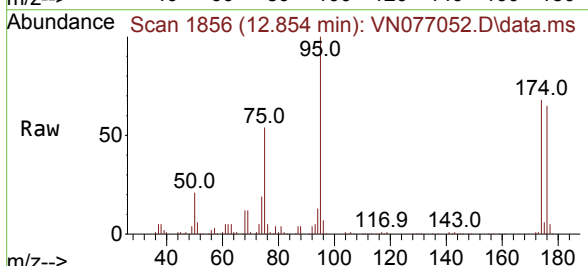
Acq: 17 Mar 2023 23:02

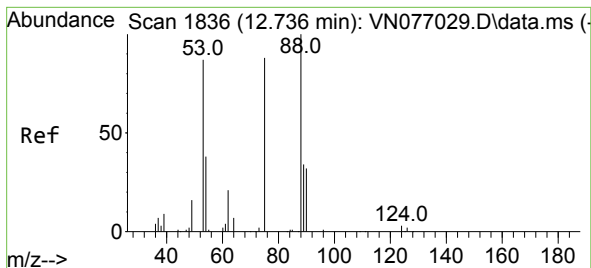
Tgt Ion: 75 Resp: 150474

Ion Ratio Lower Upper

75 100

77 1.0 107.3 322.0#

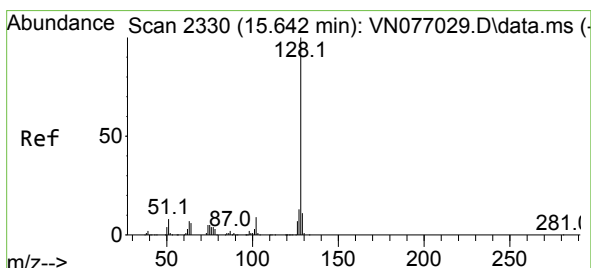
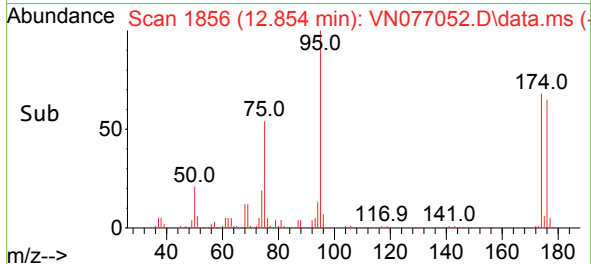
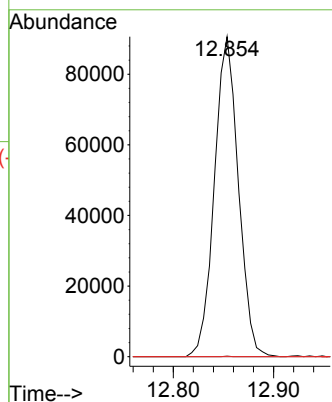
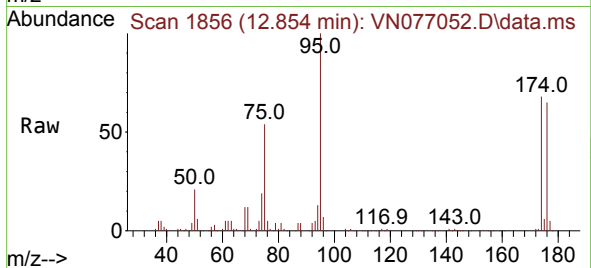




#81
trans-1,4-Dichloro-2-butene
Concen: 70.742 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.118 min
Lab File: VN077052.D
Acq: 17 Mar 2023 23:02

Instrument :
MSVOA_N
ClientSampleId :
TT205S1-20230314

Tgt Ion: 75 Resp: 150474
Ion Ratio Lower Upper
75 100
53 0.0 80.8 121.2#
89 0.0 34.2 51.4#



#95
Naphthalene
Concen: 1.932 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN077052.D
Acq: 17 Mar 2023 23:02

Tgt Ion: 128 Resp: 307
Ion Ratio Lower Upper
128 100
127 0.0 10.0 15.0#
129 0.0 8.6 13.0#

