

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022322\
 Data File : VD072078.D
 Acq On : 23 Feb 2022 16:59
 Operator : VA/SY
 Sample : N1598-06
 Misc : 5.50G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GS-6

Quant Time: Feb 24 06:47:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

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

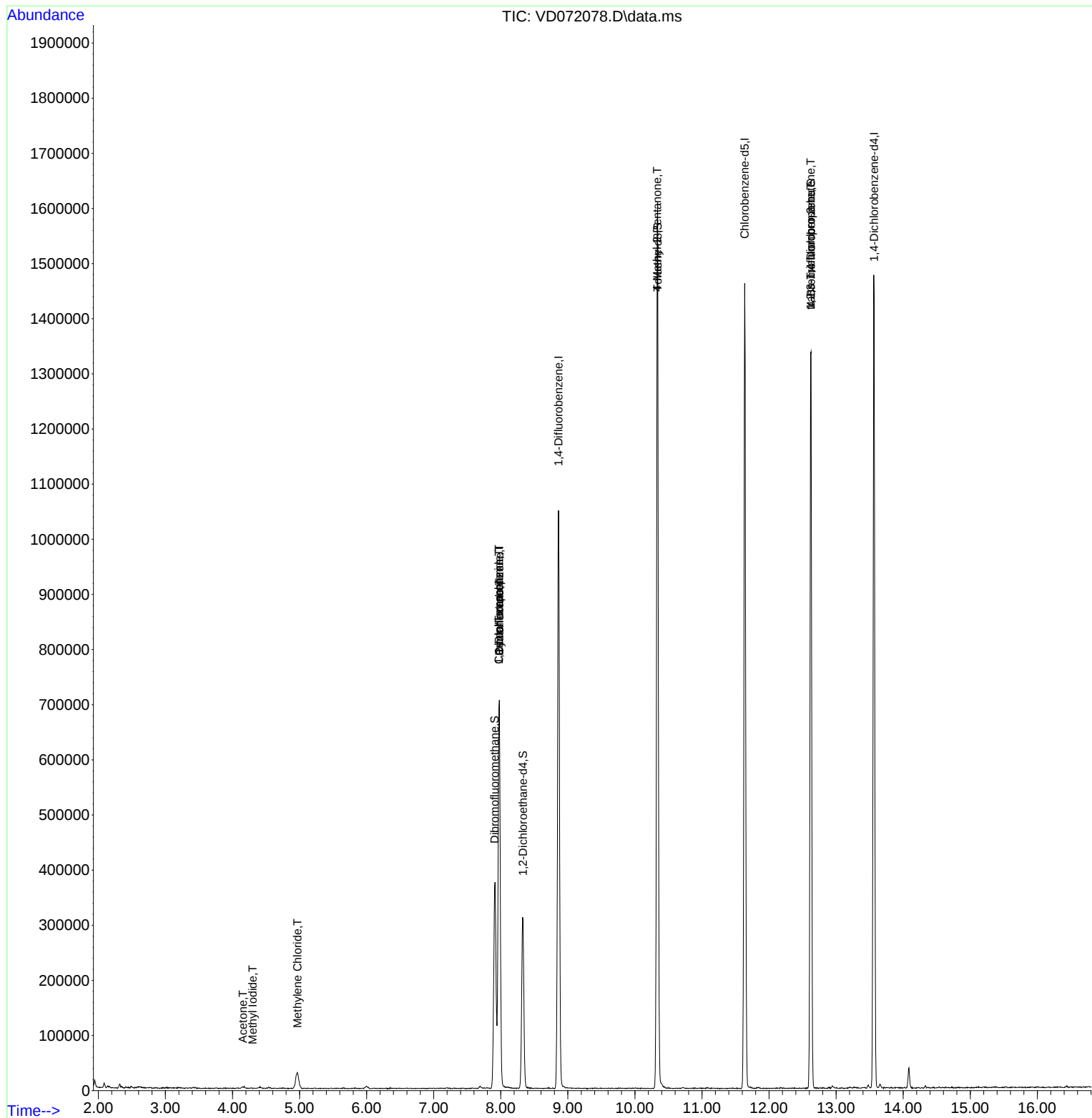
Internal Standards						
1) Pentafluorobenzene	7.979	168	518701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	885481	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	840248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	390087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	255990	47.578	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 95.160%			
35) Dibromofluoromethane	7.908	113	274091	51.090	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.180%			
50) Toluene-d8	10.338	98	1075150	54.041	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.080%			
62) 4-Bromofluorobenzene	12.626	95	388034	53.097	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.200%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.785	94	755	Below Cal	#	77
10) Methyl Iodide	4.303	142	532	3.009	ug/l #	75
16) Acetone	4.156	43	5449	4.686	ug/l #	83
18) Methyl Acetate	4.714	43	131	Below Cal	#	52
20) Methylene Chloride	4.967	84	22895	3.956	ug/l #	90
31) Cyclohexane	7.979	56	10607	1.116	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	43232	5.320	ug/l #	50
38) Carbon Tetrachloride	7.973	117	53236	6.391	ug/l #	15
51) 4-Methyl-2-Pentanone	10.332	43	5222	1.404	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	200936	54.381	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	200936	136.181	ug/l #	10

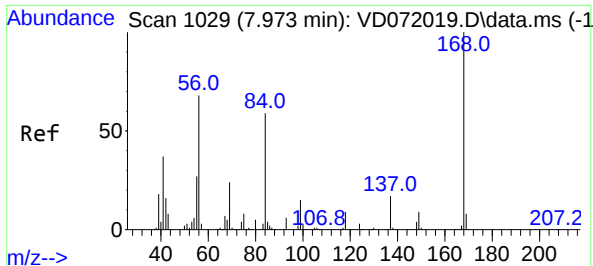
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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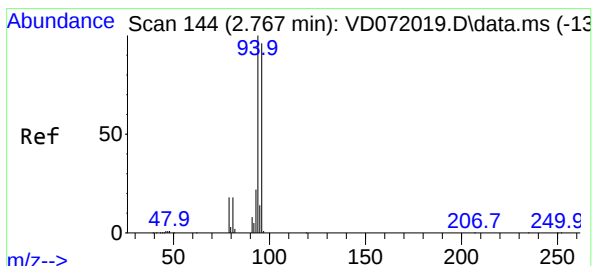
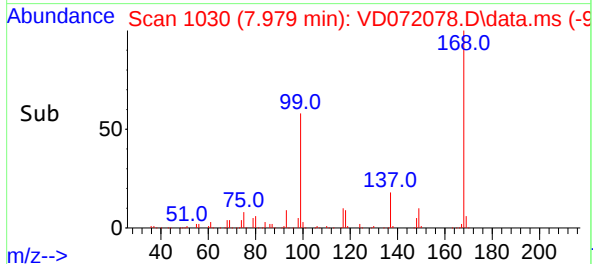
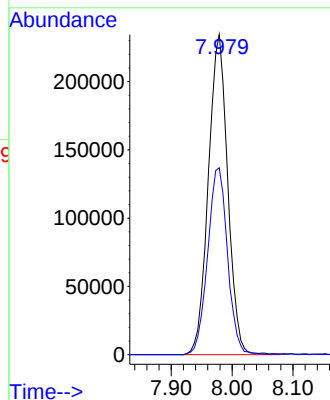
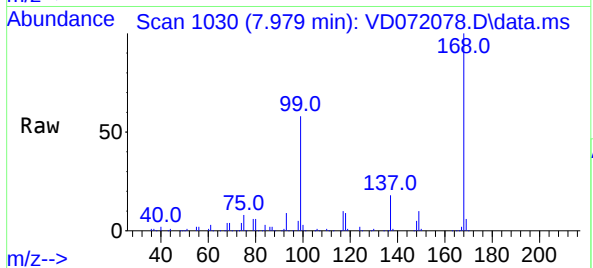




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072078.D
Acq: 23 Feb 2022 16:59

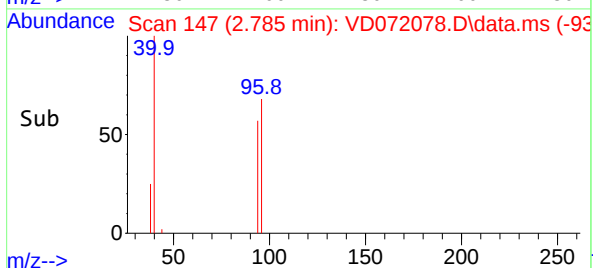
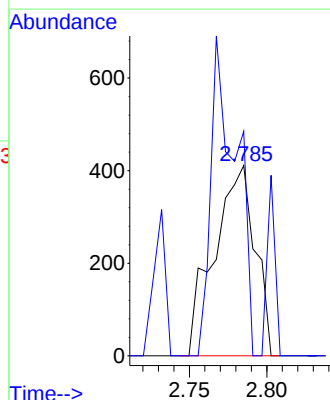
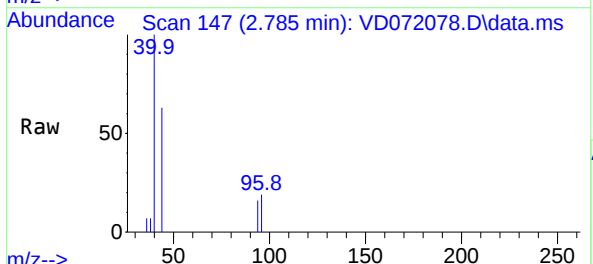
Instrument :
MSVOA_D
ClientSampleId :
GS-6

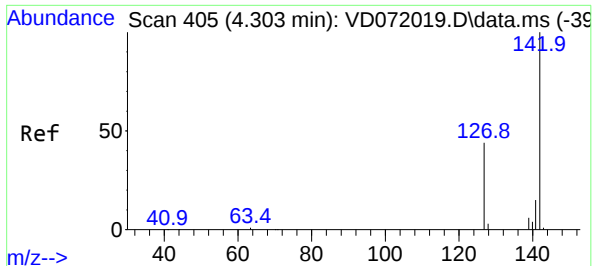
Tgt Ion:168 Resp: 518701
Ion Ratio Lower Upper
168 100
99 58.4 47.1 70.7



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.018 min
Lab File: VD072078.D
Acq: 23 Feb 2022 16:59

Tgt Ion: 94 Resp: 755
Ion Ratio Lower Upper
94 100
96 118.0 76.8 115.2#

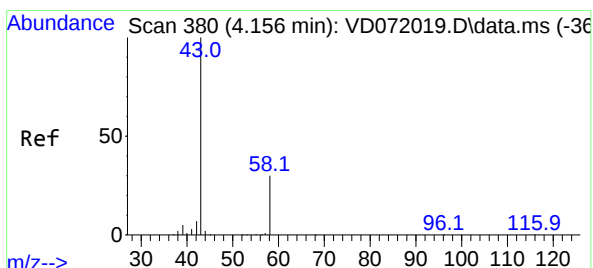
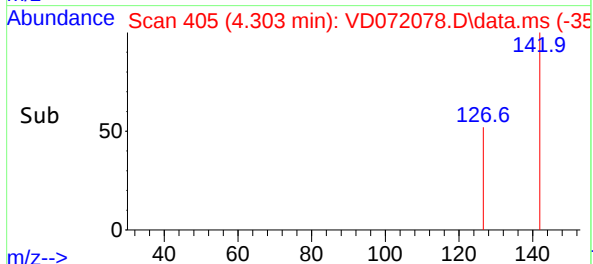
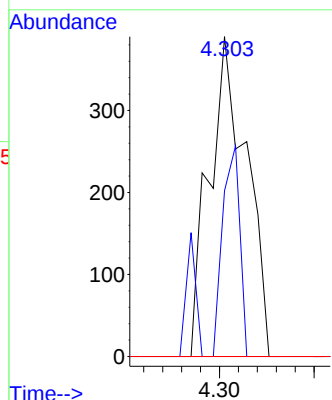
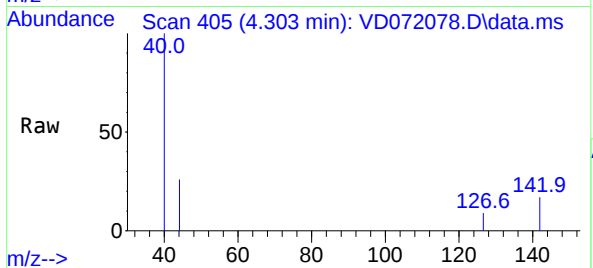




#10
Methyl Iodide
Concen: 3.009 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD072078.D
Acq: 23 Feb 2022 16:59

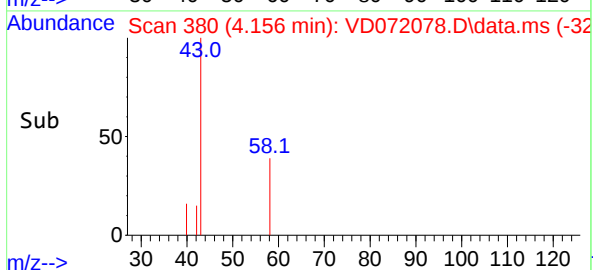
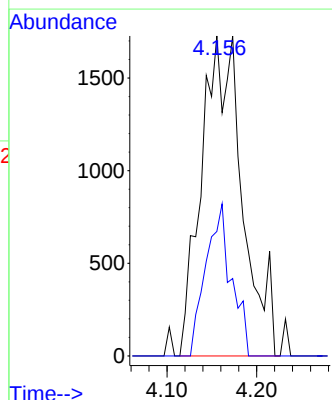
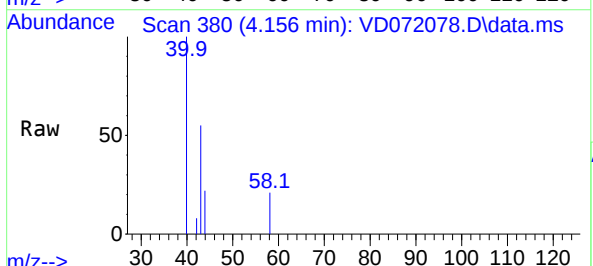
Instrument :
MSVOA_D
ClientSampleId :
GS-6

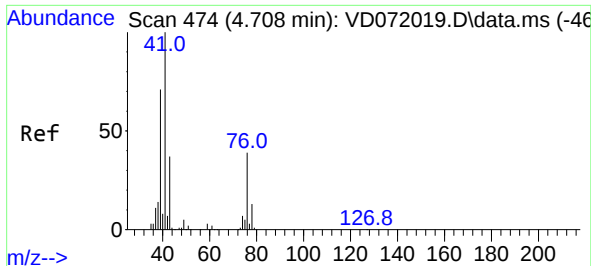
Tgt Ion:142 Resp: 532
Ion Ratio Lower Upper
142 100
127 30.5 35.8 53.8#
141 0.0 11.6 17.4#



#16
Acetone
Concen: 4.686 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072078.D
Acq: 23 Feb 2022 16:59

Tgt Ion: 43 Resp: 5449
Ion Ratio Lower Upper
43 100
58 38.9 23.8 35.6#

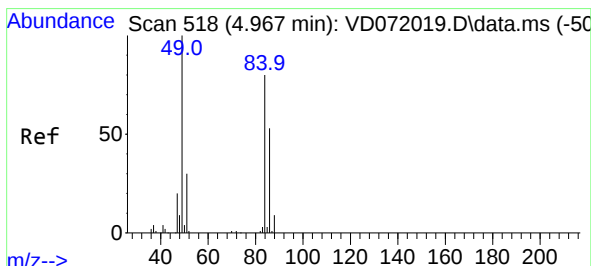
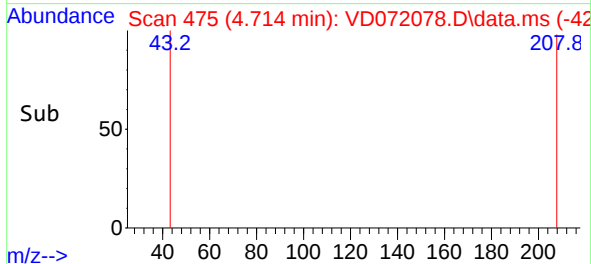
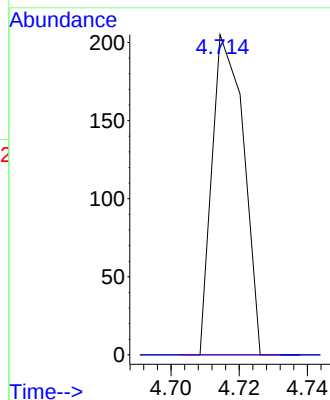
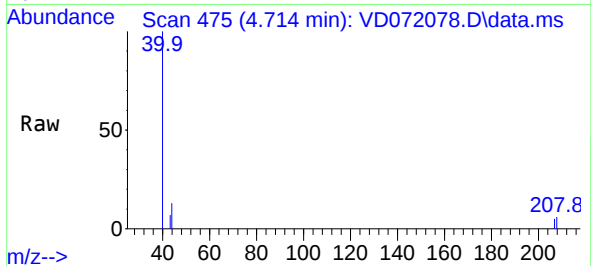




#18
Methyl Acetate
Concen: Below Cal
RT: 4.714 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD072078.D
Acq: 23 Feb 2022 16:59

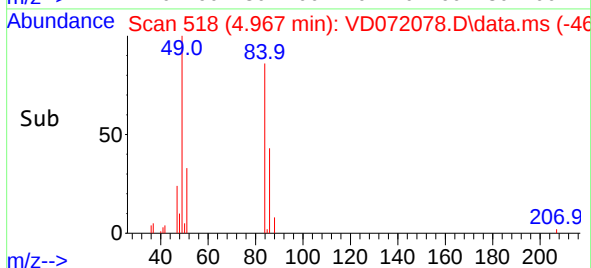
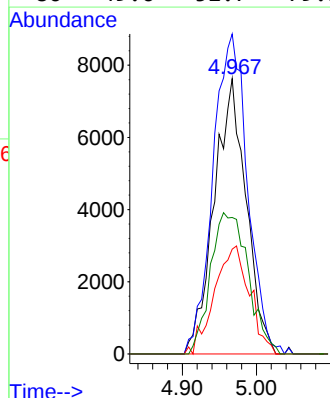
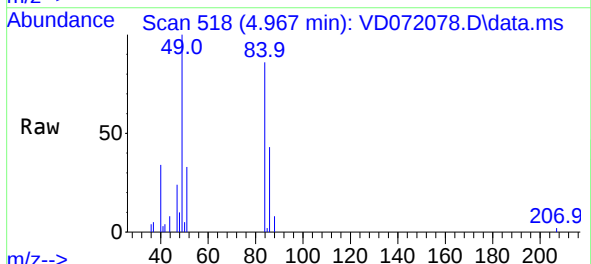
Instrument :
MSVOA_D
ClientSampleId :
GS-6

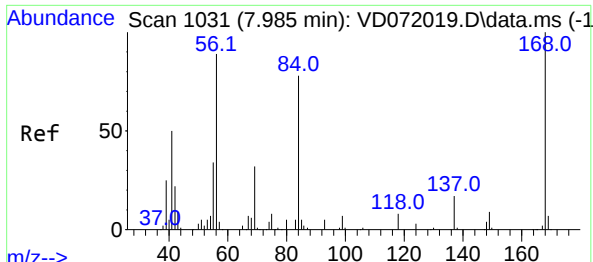
Tgt Ion: 43 Resp: 131
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#



#20
Methylene Chloride
Concen: 3.956 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.000 min
Lab File: VD072078.D
Acq: 23 Feb 2022 16:59

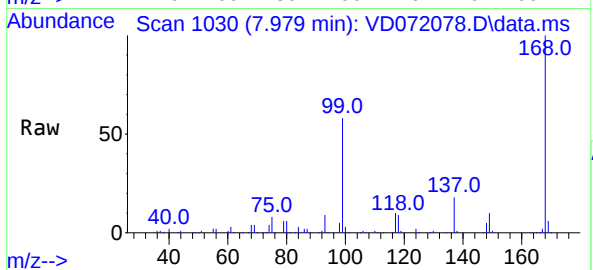
Tgt Ion: 84 Resp: 22895
Ion Ratio Lower Upper
84 100
49 116.2 100.0 150.0
51 38.1 30.2 45.4
86 49.6 52.7 79.1#



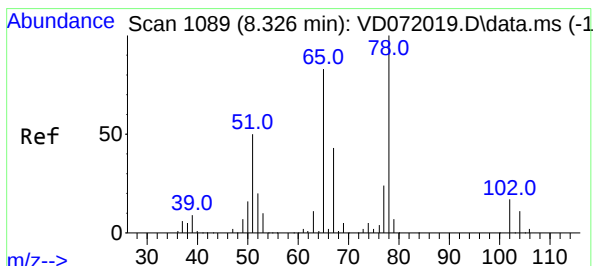
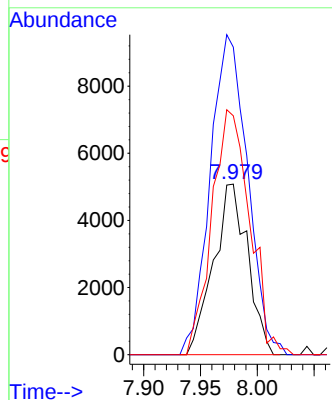
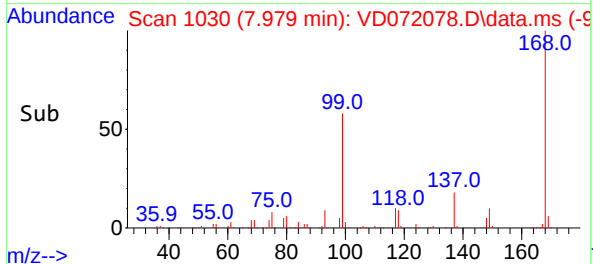


#31
Cyclohexane
Concen: 1.116 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072078.D
Acq: 23 Feb 2022 16:59

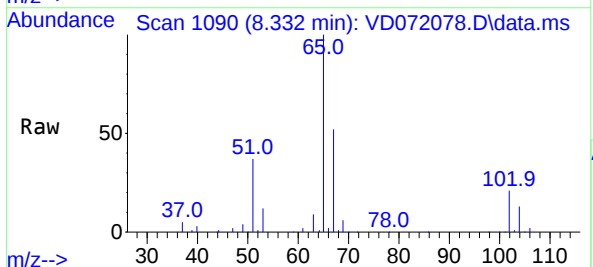
Instrument :
MSVOA_D
ClientSampleId :
GS-6



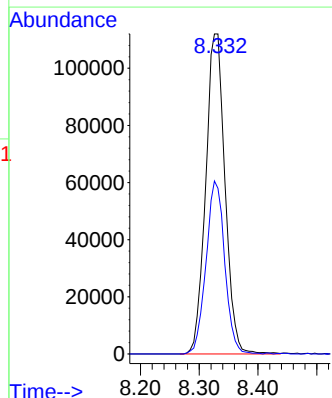
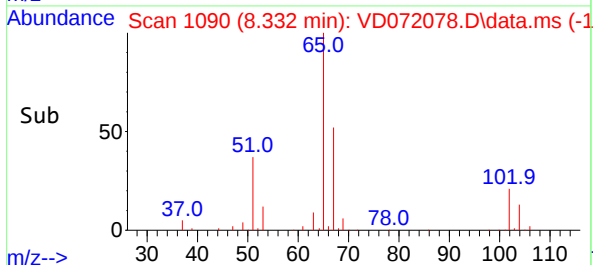
Tgt Ion: 56 Resp: 10607
Ion Ratio Lower Upper
56 100
69 180.3 28.9 43.3#
84 140.1 70.6 105.8#

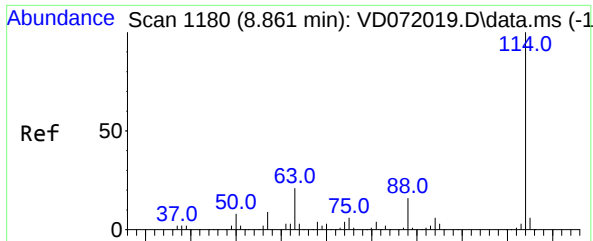


#33
1,2-Dichloroethane-d4
Concen: 47.578 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD072078.D
Acq: 23 Feb 2022 16:59



Tgt Ion: 65 Resp: 255990
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.6

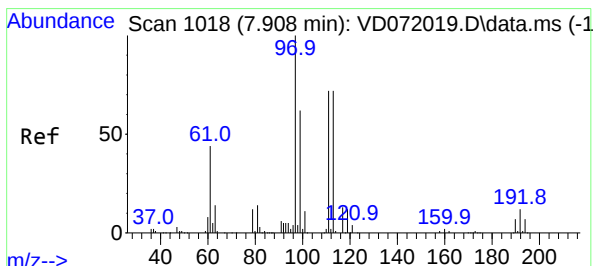
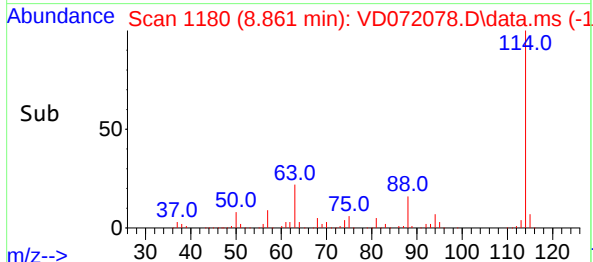
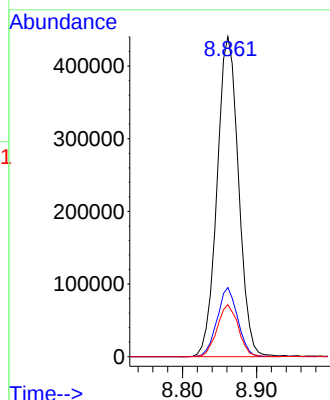
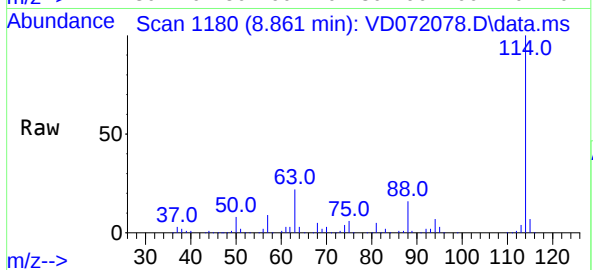




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072078.D
Acq: 23 Feb 2022 16:59

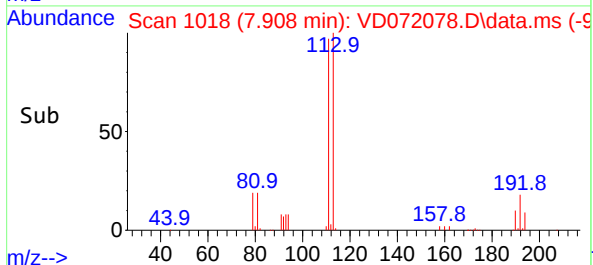
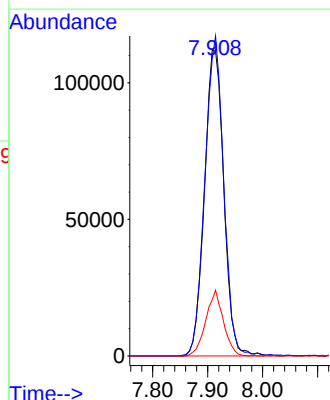
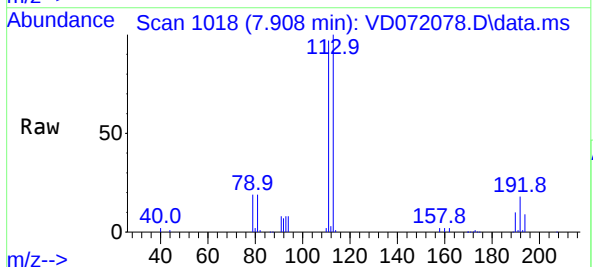
Instrument :
MSVOA_D
ClientSampleId :
GS-6

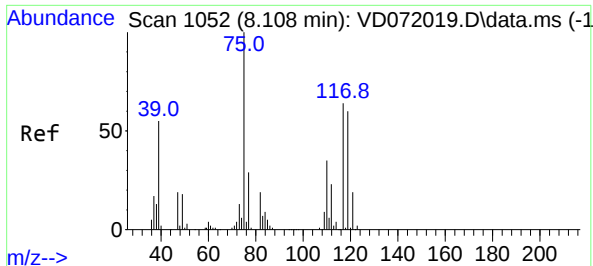
Tgt Ion:114 Resp: 885481
Ion Ratio Lower Upper
114 100
63 21.6 0.0 42.2
88 16.3 0.0 31.2



#35
Dibromofluoromethane
Concen: 51.090 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072078.D
Acq: 23 Feb 2022 16:59

Tgt Ion:113 Resp: 274091
Ion Ratio Lower Upper
113 100
111 101.6 83.0 124.4
192 19.5 15.3 22.9





#36

1,1-Dichloropropene

Concen: 5.320 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD072078.D

Acq: 23 Feb 2022 16:59

Instrument :

MSVOA_D

ClientSampleId :

GS-6

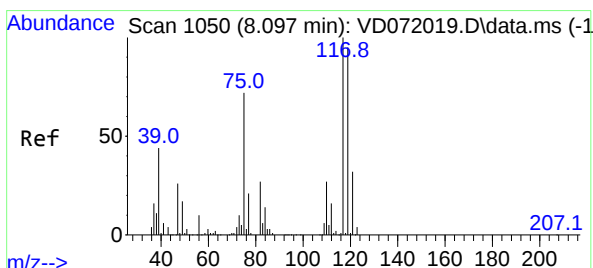
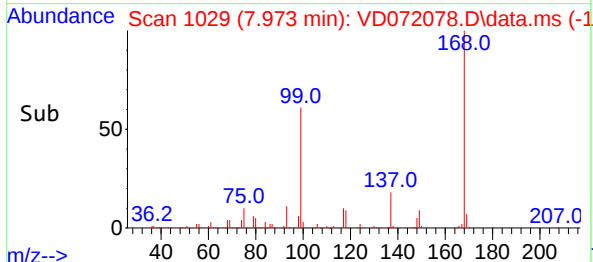
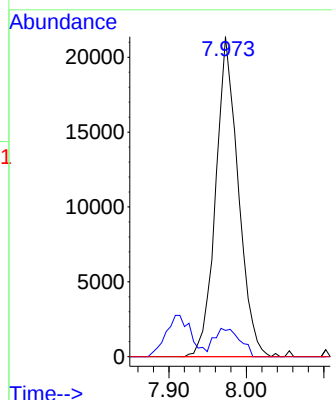
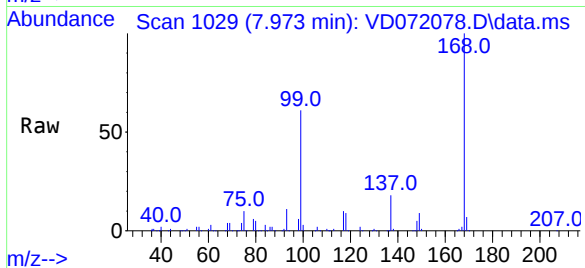
Tgt Ion: 75 Resp: 43232

Ion Ratio Lower Upper

75 100

110 10.0 17.7 53.1#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.391 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.124 min

Lab File: VD072078.D

Acq: 23 Feb 2022 16:59

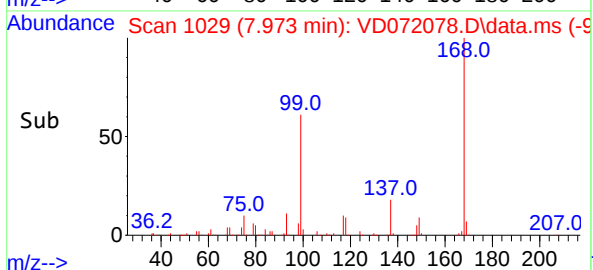
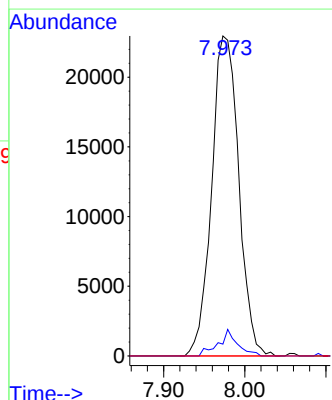
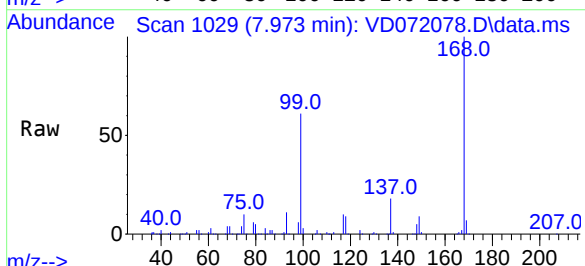
Tgt Ion: 117 Resp: 53236

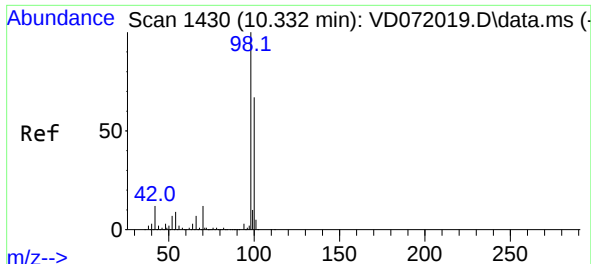
Ion Ratio Lower Upper

117 100

119 3.7 75.8 113.8#

121 0.0 25.8 38.6#

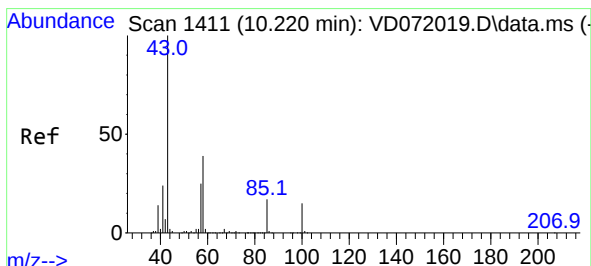
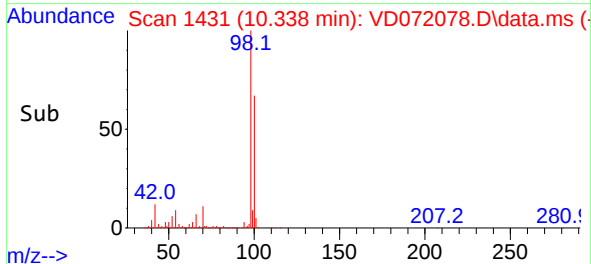
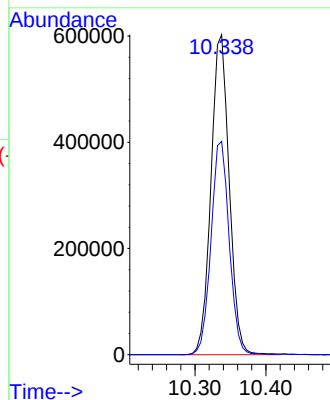
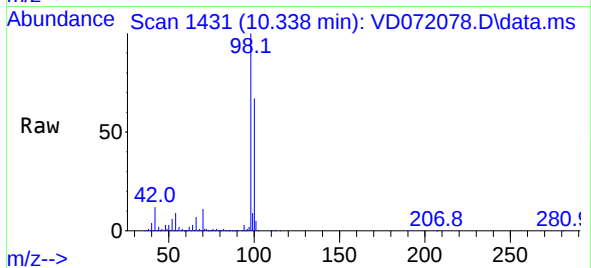




#50
Toluene-d8
Concen: 54.041 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072078.D
Acq: 23 Feb 2022 16:59

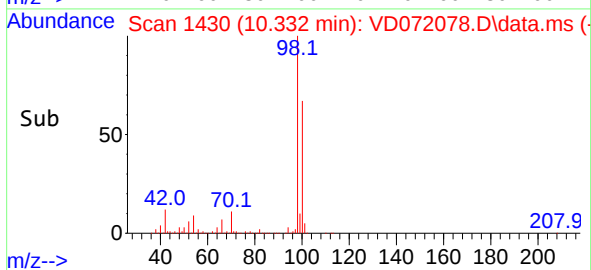
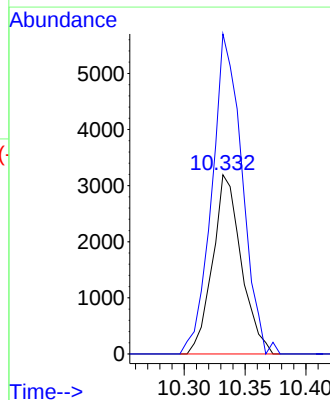
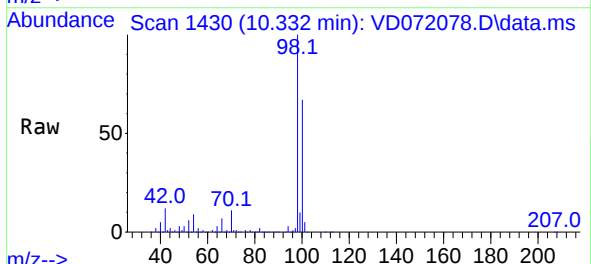
Instrument :
MSVOA_D
ClientSampleId :
GS-6

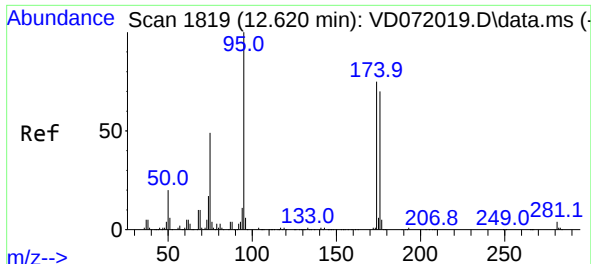
Tgt Ion: 98 Resp: 1075150
Ion Ratio Lower Upper
98 100
100 66.6 53.8 80.6



#51
4-Methyl-2-Pentanone
Concen: 1.404 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.112 min
Lab File: VD072078.D
Acq: 23 Feb 2022 16:59

Tgt Ion: 43 Resp: 5222
Ion Ratio Lower Upper
43 100
58 188.1 30.8 46.2#

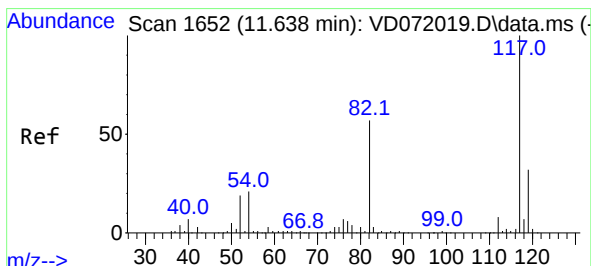
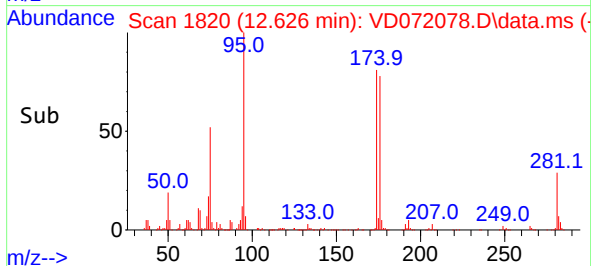
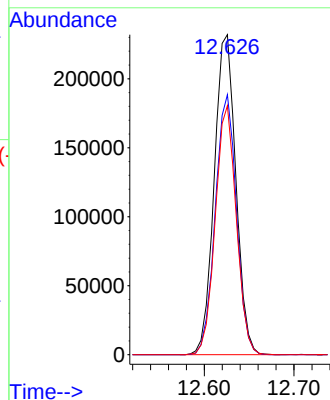
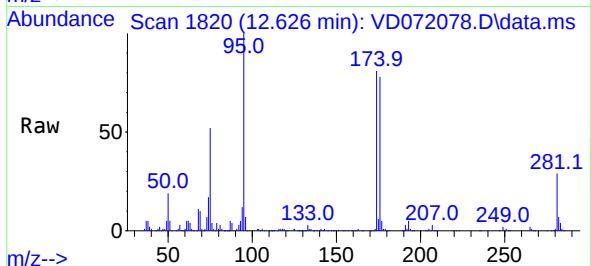




#62
4-Bromofluorobenzene
Concen: 53.097 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD072078.D
Acq: 23 Feb 2022 16:59

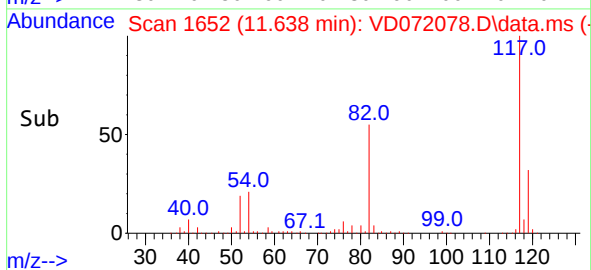
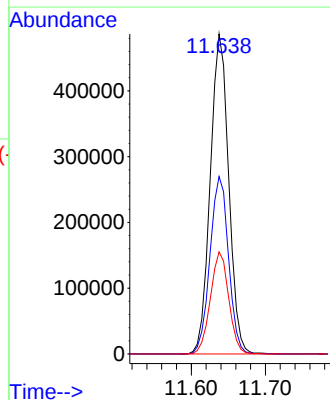
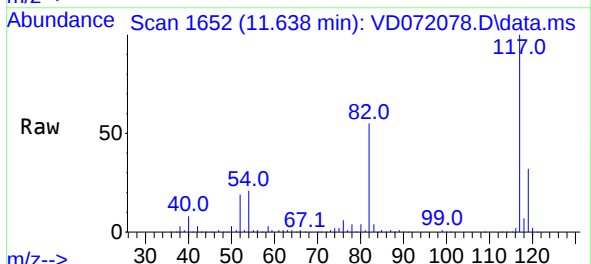
Instrument :
MSVOA_D
ClientSampleId :
GS-6

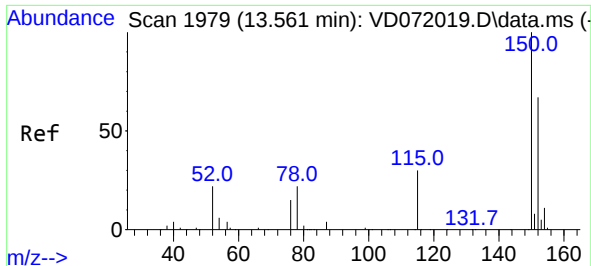
Tgt Ion: 95 Resp: 388034
Ion Ratio Lower Upper
95 100
174 79.7 0.0 155.0
176 75.4 0.0 148.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072078.D
Acq: 23 Feb 2022 16:59

Tgt Ion: 117 Resp: 840248
Ion Ratio Lower Upper
117 100
82 55.4 45.4 68.0
119 31.9 25.4 38.2

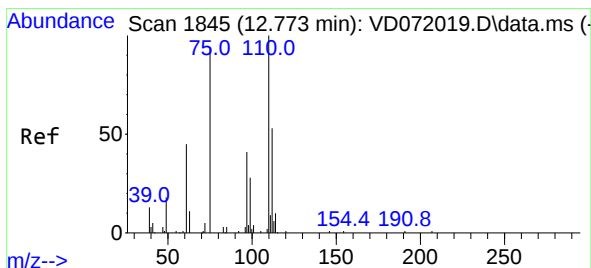
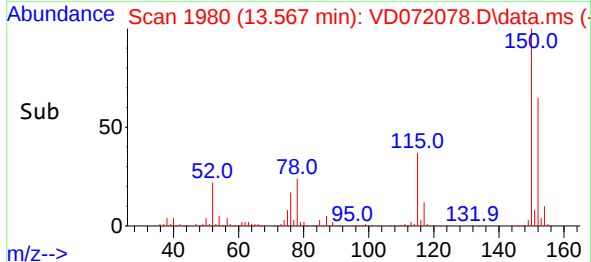
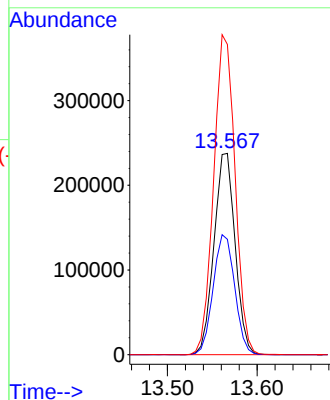
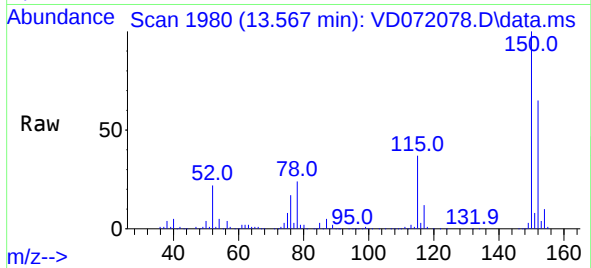




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1819
 Delta R.T. 0.006 min
 Lab File: VD072078.D
 Acq: 23 Feb 2022 16:59

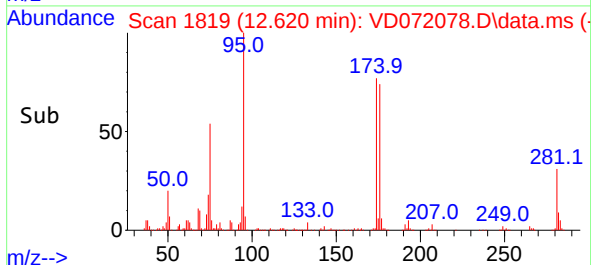
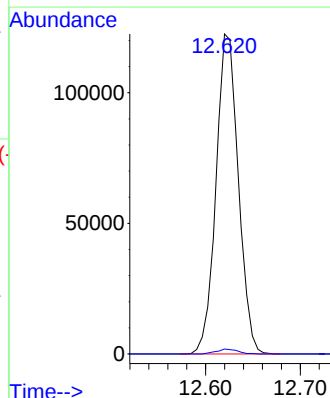
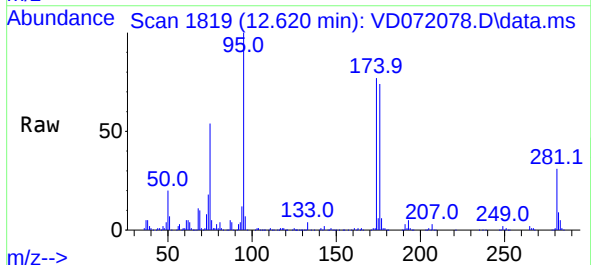
Instrument :
 MSVOA_D
 ClientSampleId :
 GS-6

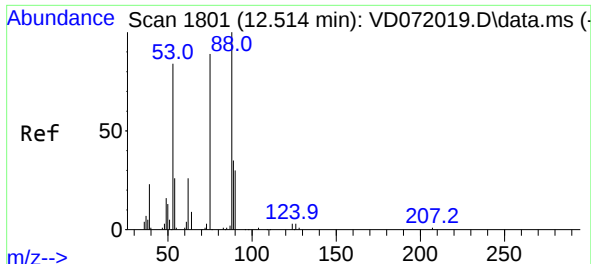
Tgt Ion:152 Resp: 390087
 Ion Ratio Lower Upper
 152 100
 115 60.7 29.9 89.7
 150 160.6 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 54.381 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD072078.D
 Acq: 23 Feb 2022 16:59

Tgt Ion: 75 Resp: 200936
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 136.181 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072078.D
Acq: 23 Feb 2022 16:59

Instrument :
MSVOA_D
ClientSampleId :
GS-6

Tgt Ion: 75 Resp: 200936
Ion Ratio Lower Upper
75 100
53 0.0 80.2 120.4#
89 0.3 36.4 54.6#

