

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022322\
 Data File : VD072079.D
 Acq On : 23 Feb 2022 17:27
 Operator : VA/SY
 Sample : N1598-07
 Misc : 6.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GS-7

Quant Time: Feb 24 06:47:50 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)

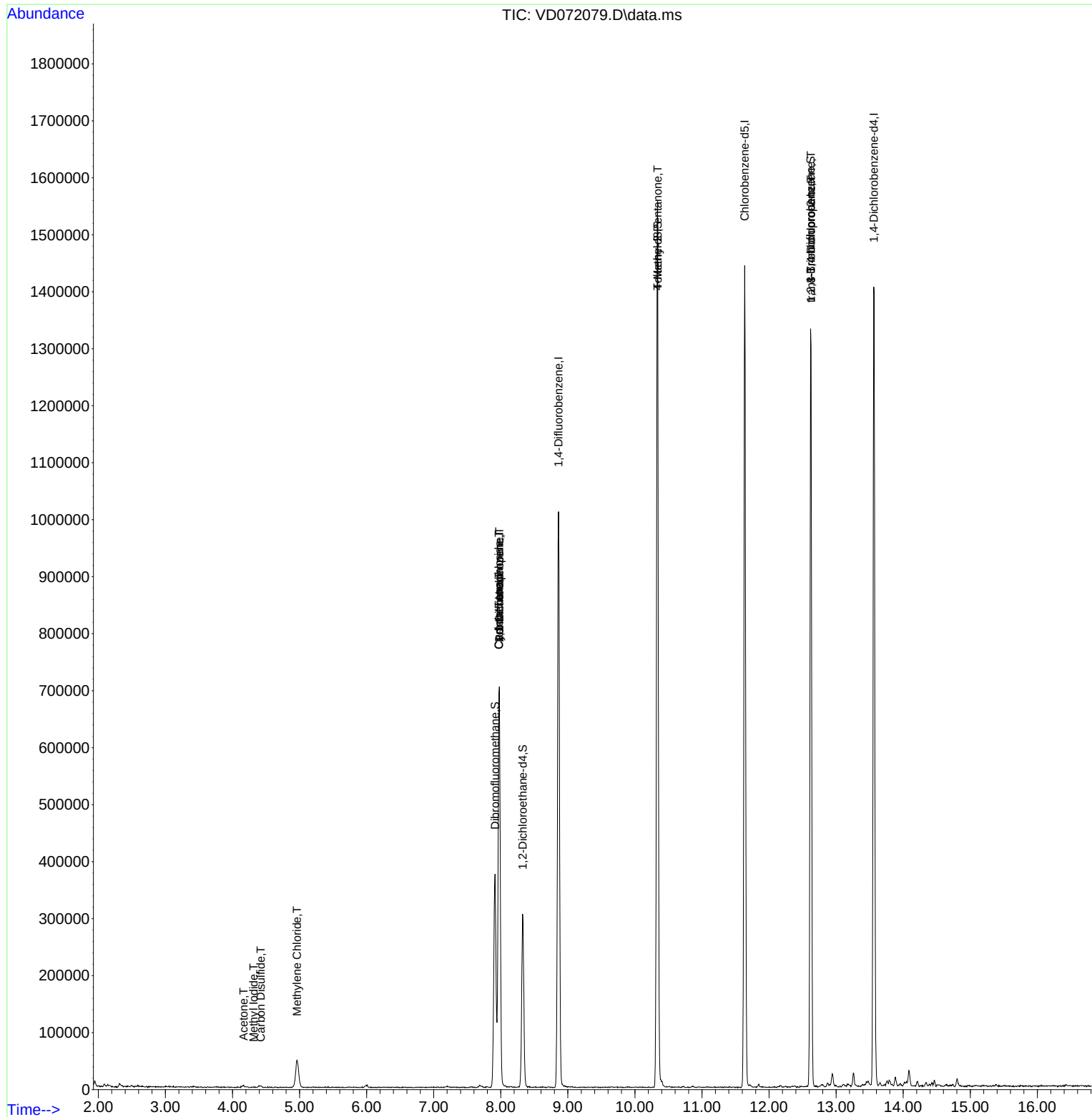
Internal Standards						
1) Pentafluorobenzene	7.979	168	520378	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	869962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	826290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	379225	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	239976	44.458	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 88.920%			
35) Dibromofluoromethane	7.914	113	268089	50.863	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.720%			
50) Toluene-d8	10.338	98	1062616	54.364	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.720%			
62) 4-Bromofluorobenzene	12.620	95	374076	52.100	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.200%			
Target Compounds						
5) Bromomethane	2.779	94	491	Below Cal	Qvalue 90	
10) Methyl Iodide	4.314	142	542	3.010 ug/l #	52	
16) Acetone	4.167	43	6266	5.371 ug/l #	68	
17) Carbon Disulfide	4.420	76	6142	1.119 ug/l #	76	
18) Methyl Acetate	4.726	43	73	Below Cal #	52	
20) Methylene Chloride	4.961	84	36903	6.356 ug/l	91	
31) Cyclohexane	7.973	56	12785	1.341 ug/l #	11	
36) 1,1-Dichloropropene	7.979	75	42367	5.306 ug/l #	51	
38) Carbon Tetrachloride	7.973	117	54884	6.707 ug/l #	16	
51) 4-Methyl-2-Pentanone	10.338	43	5426	1.485 ug/l #	1	
76) 1,2,3-Trichloropropane	12.626	75	198181	55.171 ug/l #	100	
81) trans-1,4-Dichloro-2-b...	12.626	75	198181	138.161 ug/l #	10	

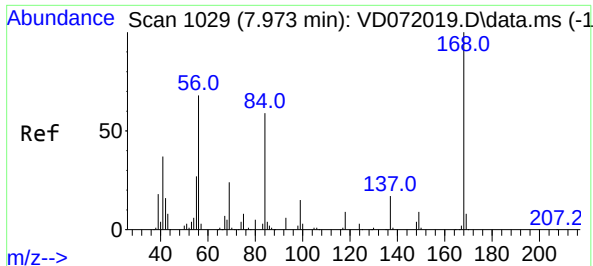
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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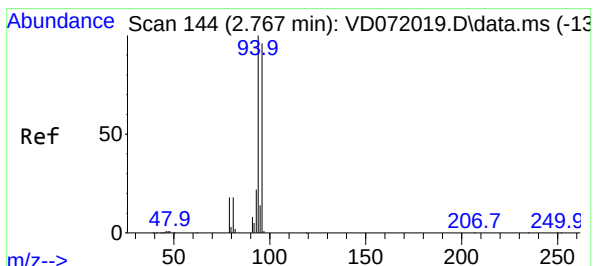
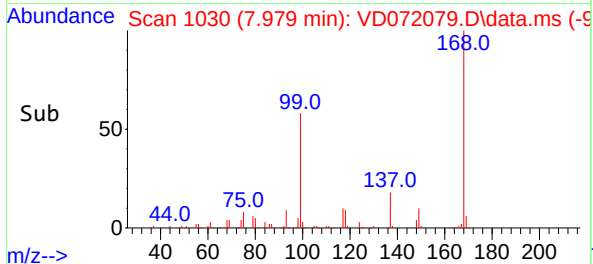
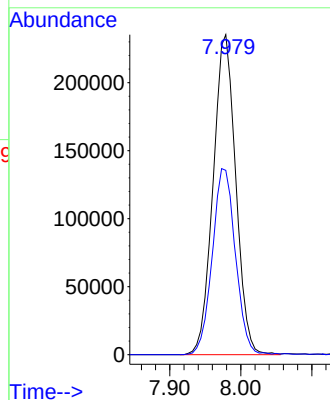
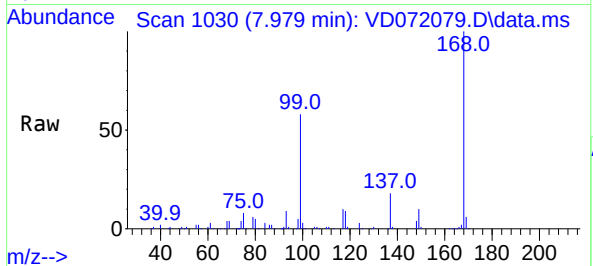




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072079.D
Acq: 23 Feb 2022 17:27

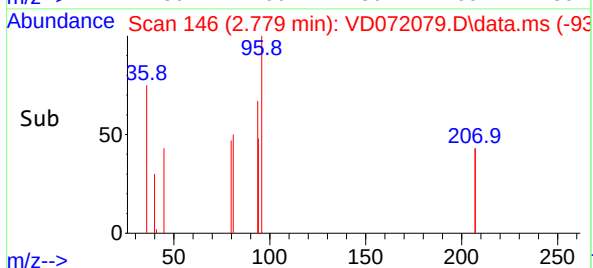
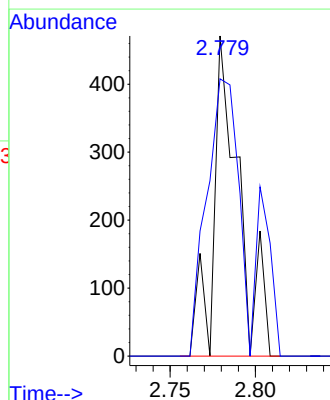
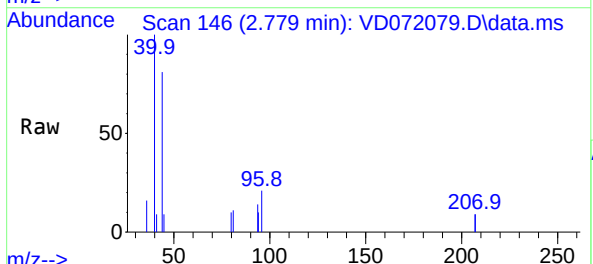
Instrument :
MSVOA_D
ClientSampleId :
GS-7

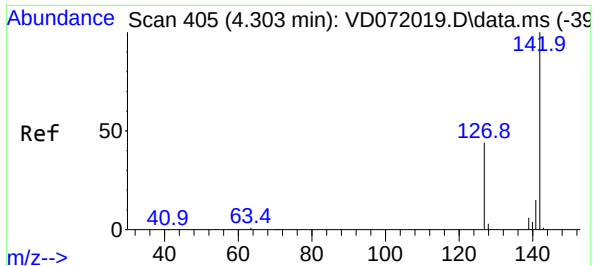
Tgt Ion:168 Resp: 520378
Ion Ratio Lower Upper
168 100
99 57.6 47.1 70.7



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.012 min
Lab File: VD072079.D
Acq: 23 Feb 2022 17:27

Tgt Ion: 94 Resp: 491
Ion Ratio Lower Upper
94 100
96 86.6 76.8 115.2

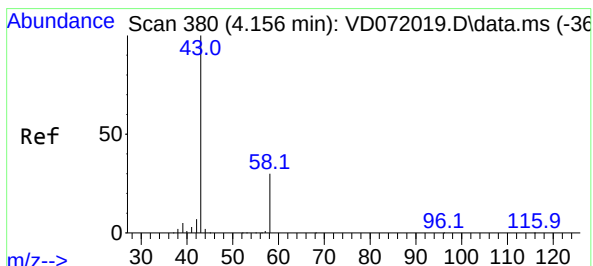
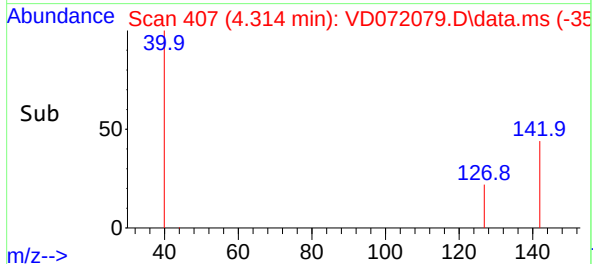
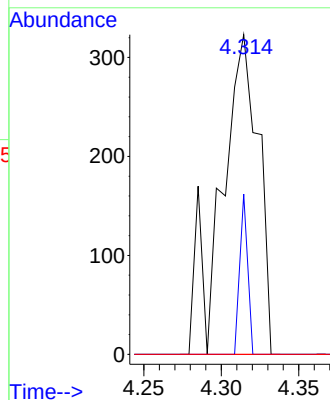
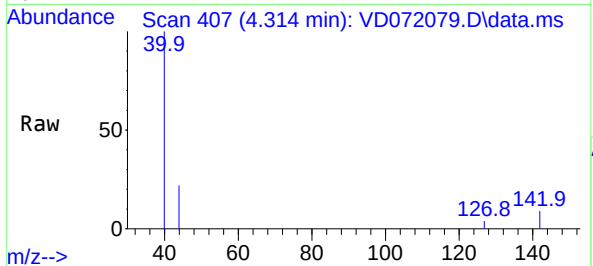




#10
Methyl Iodide
Concen: 3.010 ug/l
RT: 4.314 min Scan# 40
Delta R.T. 0.011 min
Lab File: VD072079.D
Acq: 23 Feb 2022 17:27

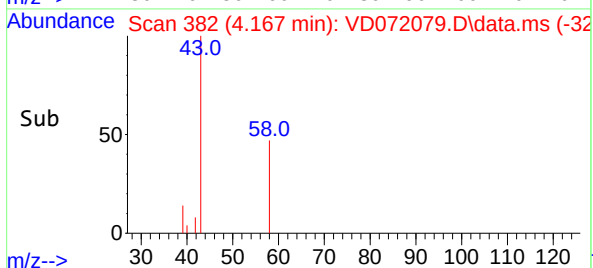
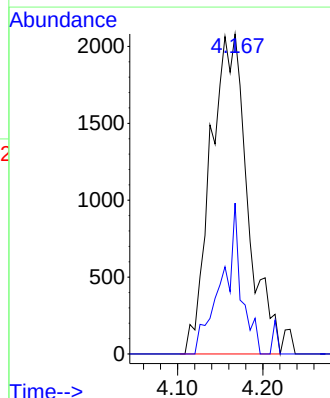
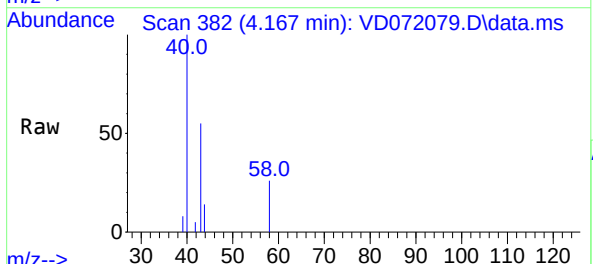
Instrument :
MSVOA_D
ClientSampleId :
GS-7

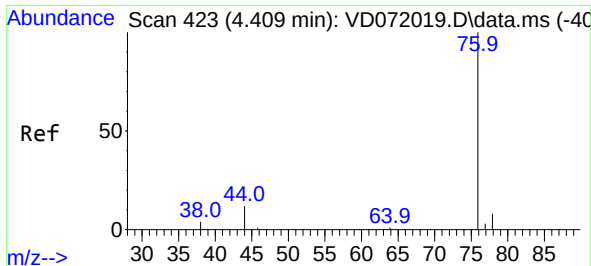
Tgt Ion:142 Resp: 542
Ion Ratio Lower Upper
142 100
127 10.5 35.8 53.8#
141 0.0 11.6 17.4#



#16
Acetone
Concen: 5.371 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.011 min
Lab File: VD072079.D
Acq: 23 Feb 2022 17:27

Tgt Ion: 43 Resp: 6266
Ion Ratio Lower Upper
43 100
58 47.1 23.8 35.6#

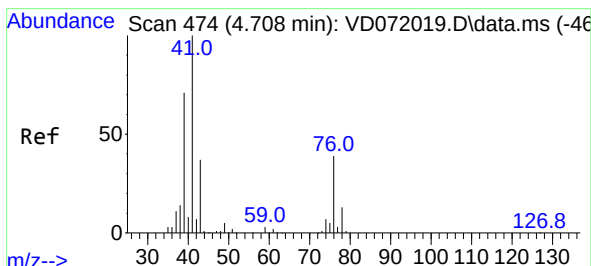
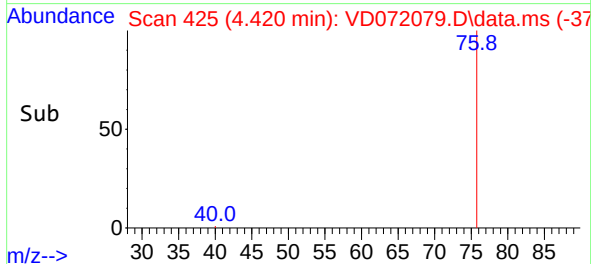
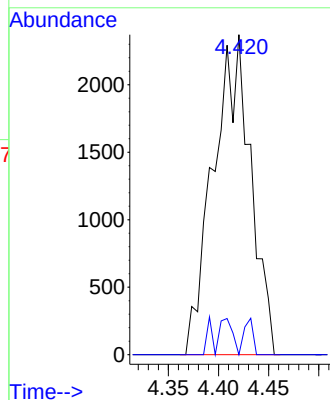
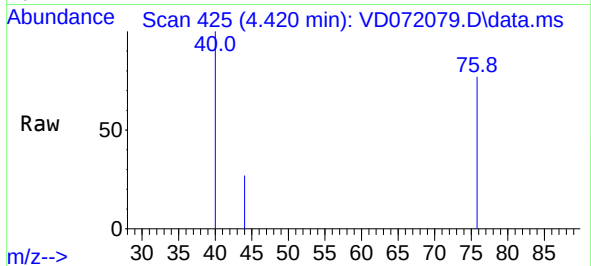




#17
Carbon Disulfide
Concen: 1.119 ug/l
RT: 4.420 min Scan# 41
Delta R.T. 0.011 min
Lab File: VD072079.D
Acq: 23 Feb 2022 17:27

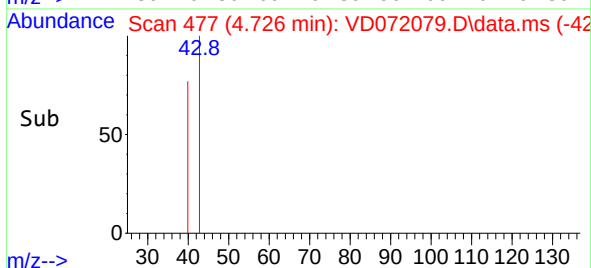
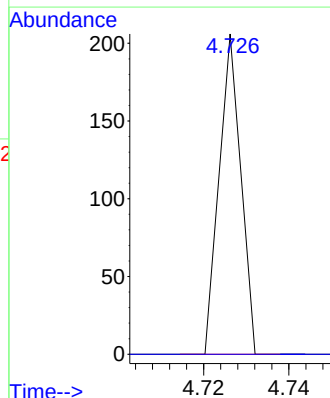
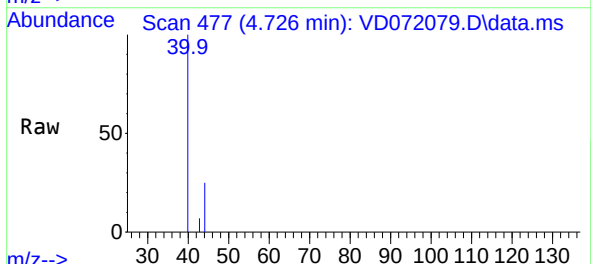
Instrument :
MSVOA_D
ClientSampleId :
GS-7

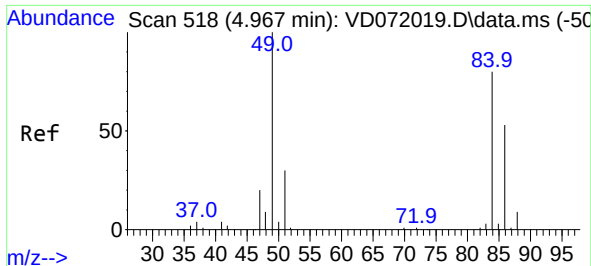
Tgt Ion: 76 Resp: 6142
Ion Ratio Lower Upper
76 100
78 0.0 6.7 10.1#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.726 min Scan# 477
Delta R.T. 0.018 min
Lab File: VD072079.D
Acq: 23 Feb 2022 17:27

Tgt Ion: 43 Resp: 73
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#

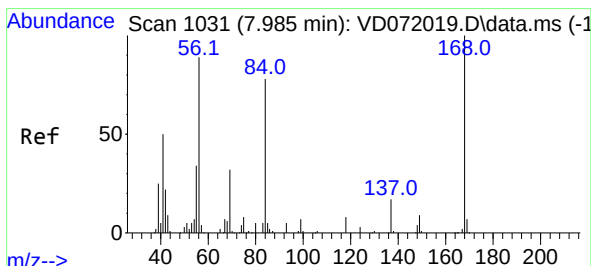
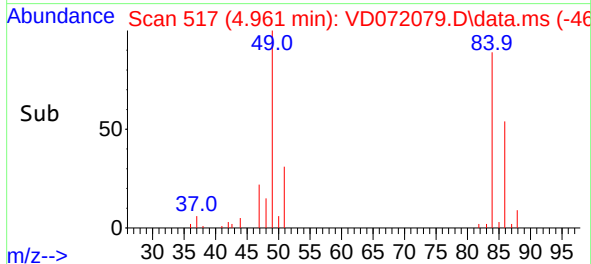
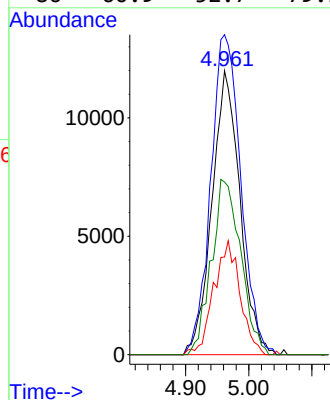
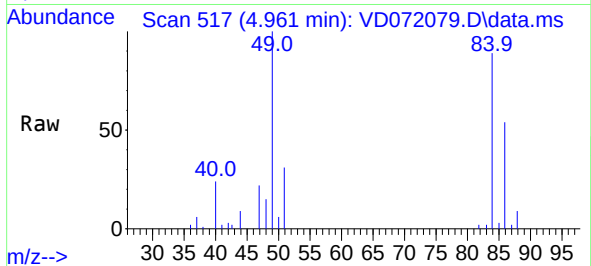




#20
Methylene Chloride
Concen: 6.356 ug/l
RT: 4.961 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD072079.D
Acq: 23 Feb 2022 17:27

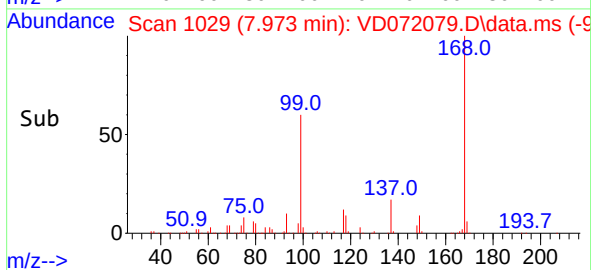
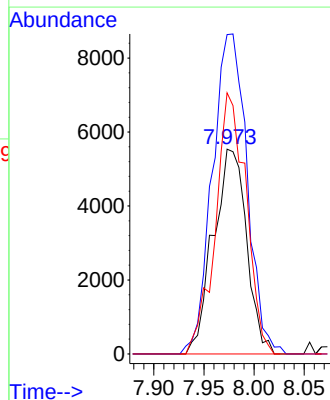
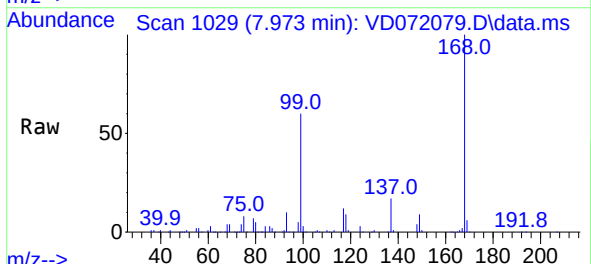
Instrument :
MSVOA_D
ClientSampleId :
GS-7

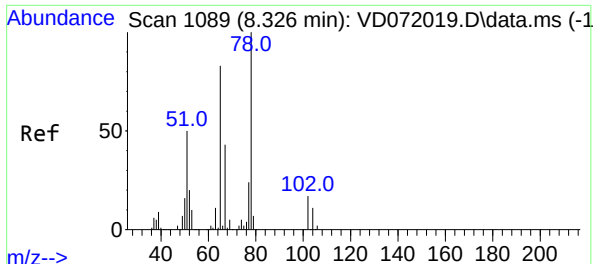
Tgt Ion:	84	Resp:	36903
Ion	Ratio	Lower	Upper
84	100		
49	112.8	100.0	150.0
51	34.4	30.2	45.4
86	60.9	52.7	79.1



#31
Cyclohexane
Concen: 1.341 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD072079.D
Acq: 23 Feb 2022 17:27

Tgt Ion:	56	Resp:	12785
Ion	Ratio	Lower	Upper
56	100		
69	156.0	28.9	43.3#
84	127.5	70.6	105.8#





#33

1,2-Dichloroethane-d4

Concen: 44.458 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072079.D

Acq: 23 Feb 2022 17:27

Instrument :

MSVOA_D

ClientSampleId :

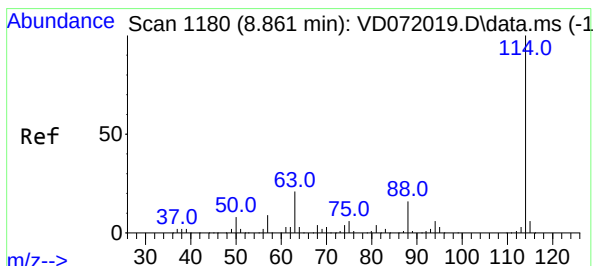
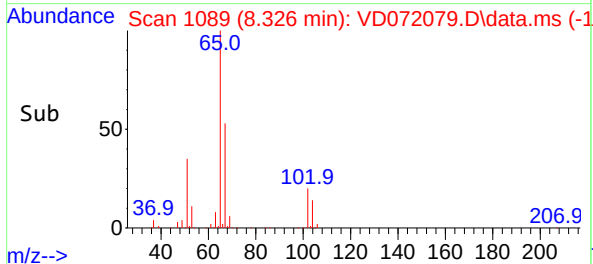
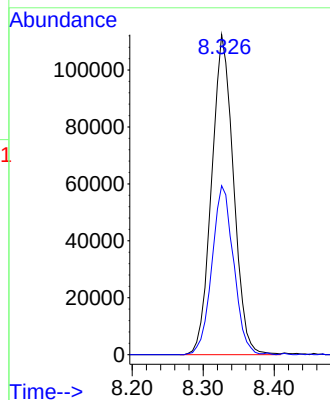
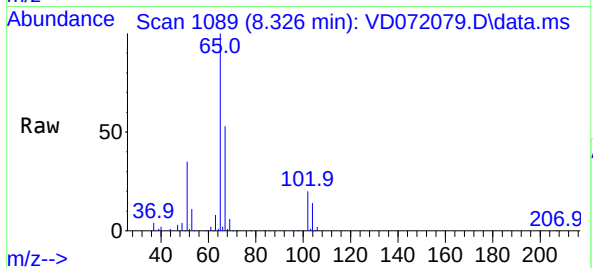
GS-7

Tgt Ion: 65 Resp: 239976

Ion Ratio Lower Upper

65 100

67 52.5 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: VD072079.D

Acq: 23 Feb 2022 17:27

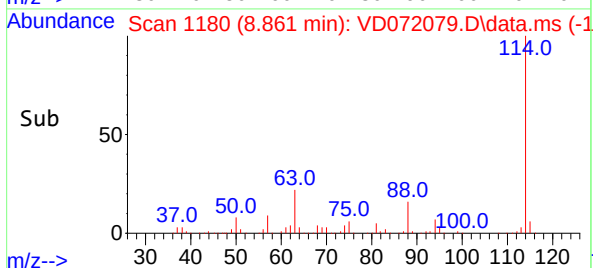
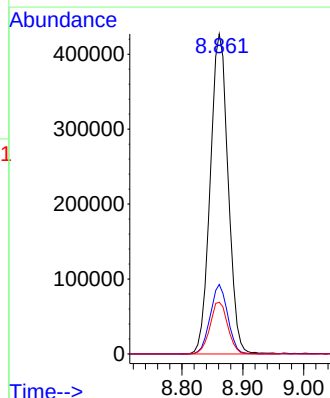
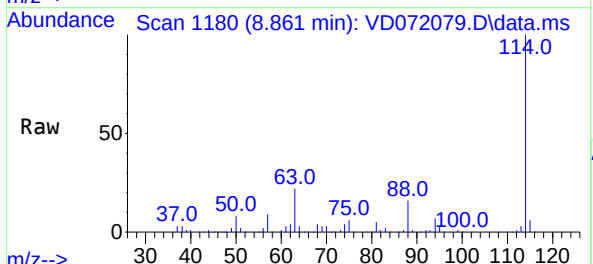
Tgt Ion: 114 Resp: 869962

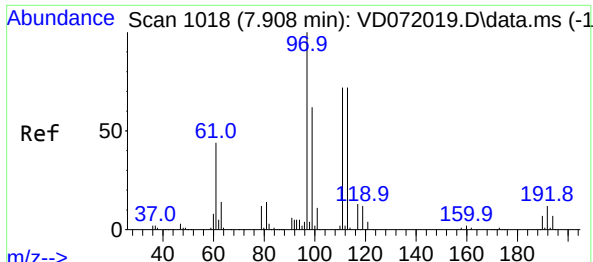
Ion Ratio Lower Upper

114 100

63 21.7 0.0 42.2

88 16.2 0.0 31.2

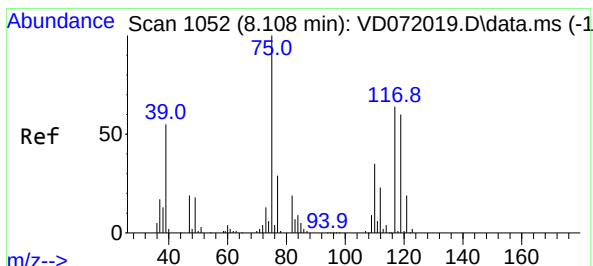
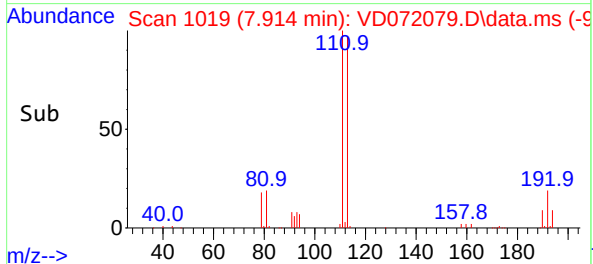
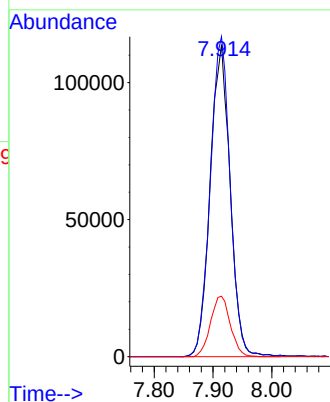
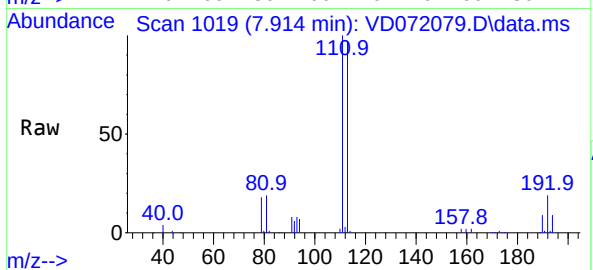




#35
Dibromofluoromethane
Concen: 50.863 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD072079.D
Acq: 23 Feb 2022 17:27

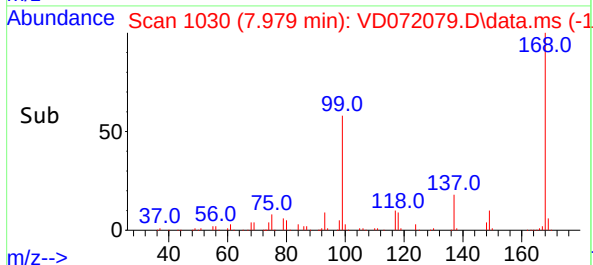
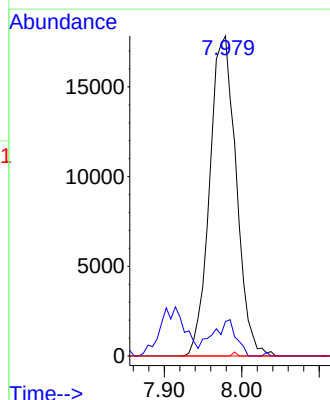
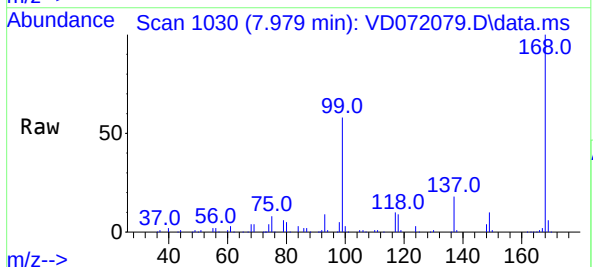
Instrument :
MSVOA_D
ClientSampleId :
GS-7

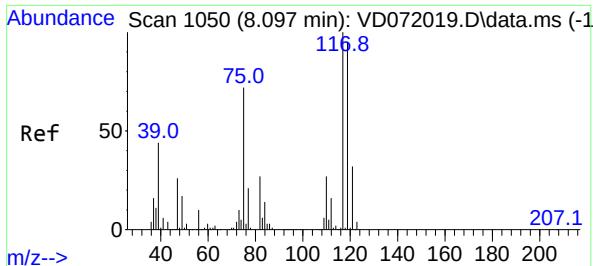
Tgt Ion:113 Resp: 268089
Ion Ratio Lower Upper
113 100
111 102.3 83.0 124.4
192 19.2 15.3 22.9



#36
1,1-Dichloropropene
Concen: 5.306 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD072079.D
Acq: 23 Feb 2022 17:27

Tgt Ion: 75 Resp: 42367
Ion Ratio Lower Upper
75 100
110 10.1 17.7 53.1#
77 0.2 24.8 37.2#

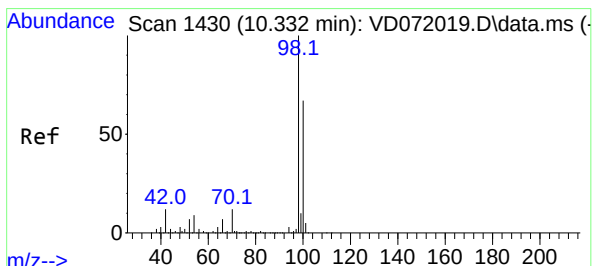
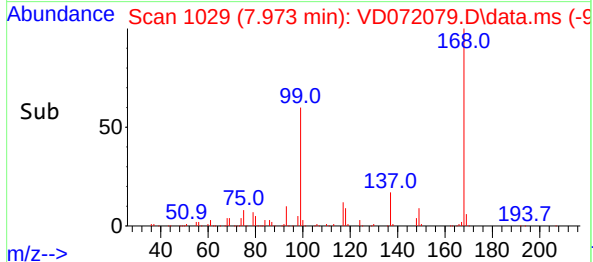
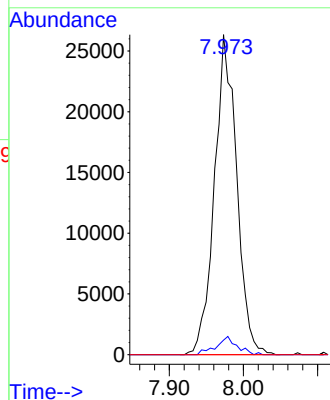
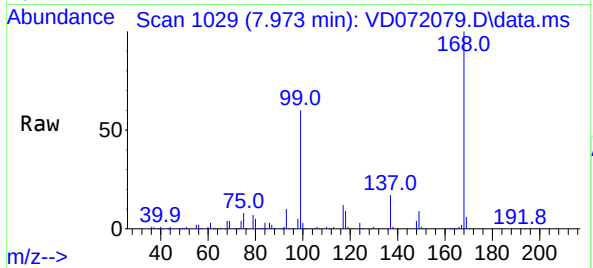




#38
Carbon Tetrachloride
Concen: 6.707 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.123 min
Lab File: VD072079.D
Acq: 23 Feb 2022 17:27

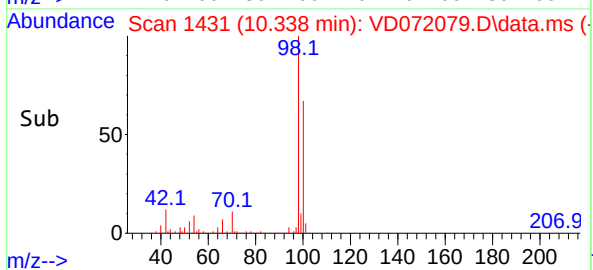
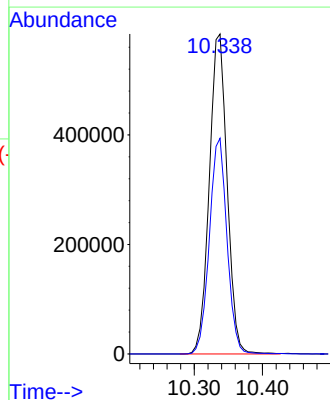
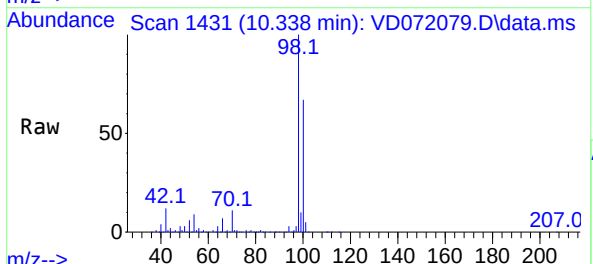
Instrument :
MSVOA_D
ClientSampleId :
GS-7

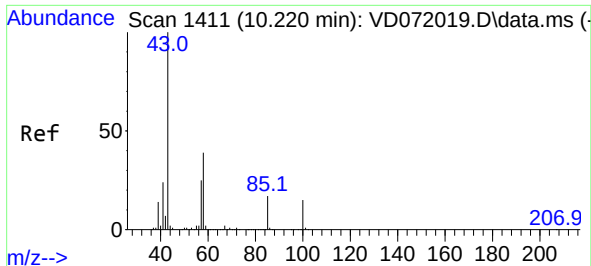
Tgt Ion:117 Resp: 54884
Ion Ratio Lower Upper
117 100
119 4.6 75.8 113.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 54.364 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072079.D
Acq: 23 Feb 2022 17:27

Tgt Ion: 98 Resp: 1062616
Ion Ratio Lower Upper
98 100
100 66.7 53.8 80.6

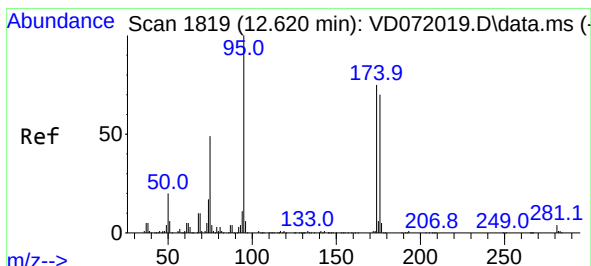
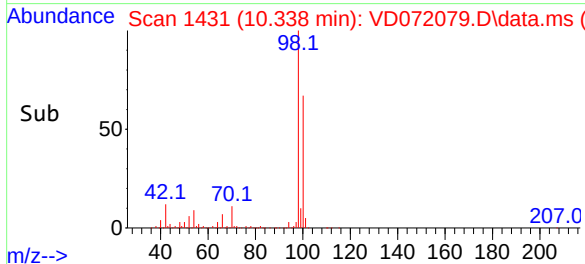
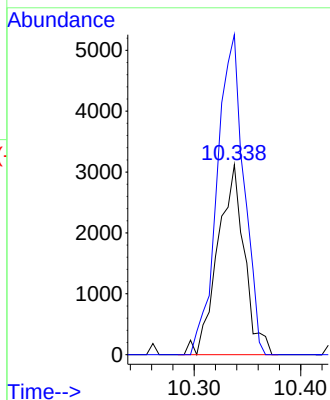
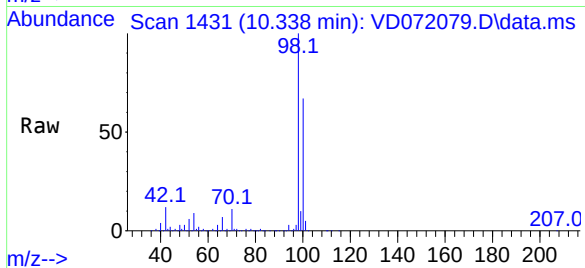




#51
4-Methyl-2-Pentanone
Concen: 1.485 ug/l
RT: 10.338 min Scan# 1411
Delta R.T. 0.118 min
Lab File: VD072079.D
Acq: 23 Feb 2022 17:27

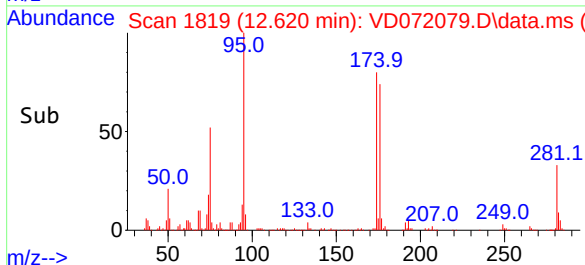
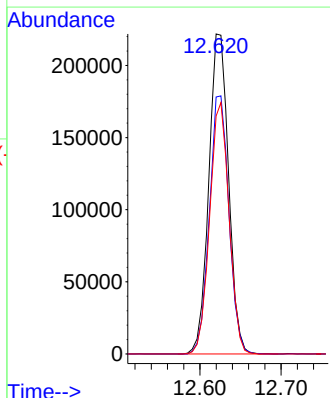
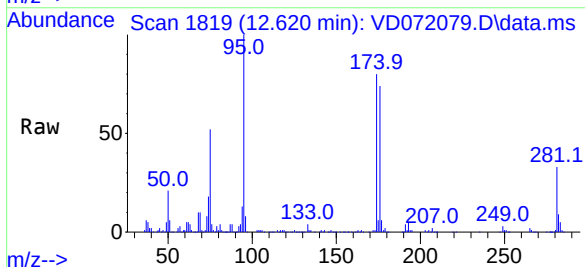
Instrument :
MSVOA_D
ClientSampleId :
GS-7

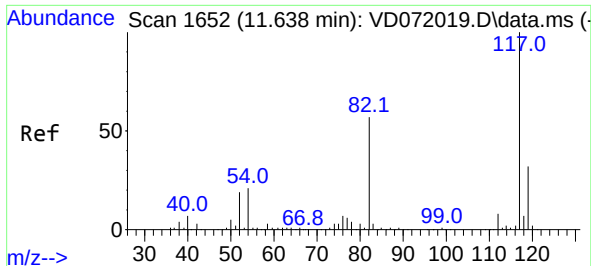
Tgt Ion: 43 Resp: 5426
Ion Ratio Lower Upper
43 100
58 169.5 30.8 46.2#



#62
4-Bromofluorobenzene
Concen: 52.100 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072079.D
Acq: 23 Feb 2022 17:27

Tgt Ion: 95 Resp: 374076
Ion Ratio Lower Upper
95 100
174 80.1 0.0 155.0
176 76.9 0.0 148.8

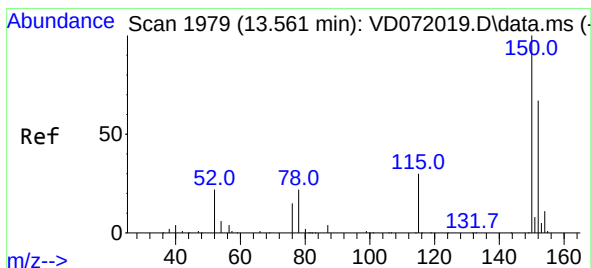
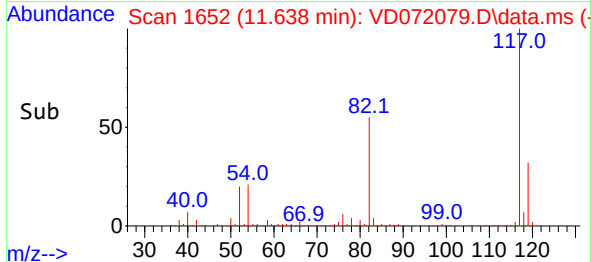
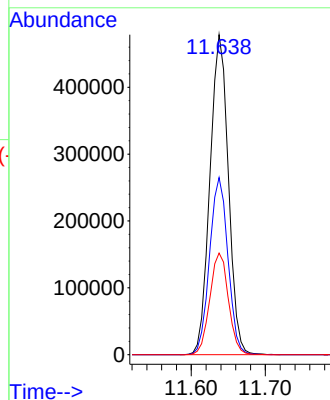
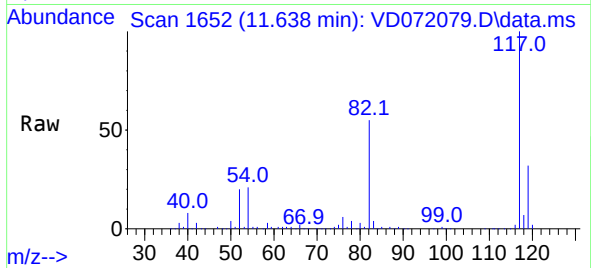




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072079.D
Acq: 23 Feb 2022 17:27

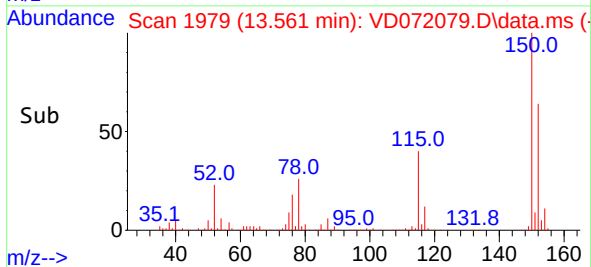
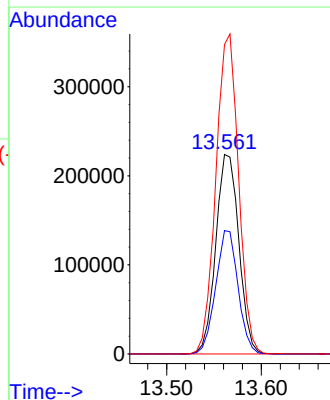
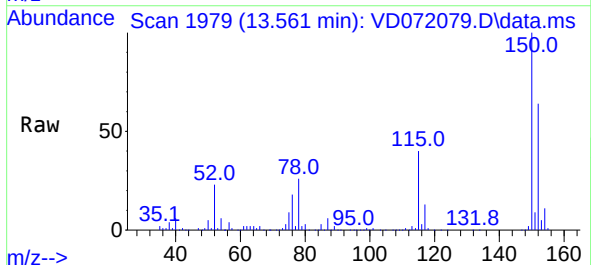
Instrument :
MSVOA_D
ClientSampleId :
GS-7

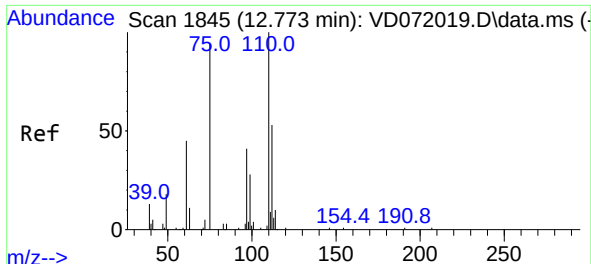
Tgt Ion:117 Resp: 826290
Ion Ratio Lower Upper
117 100
82 55.4 45.4 68.0
119 31.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072079.D
Acq: 23 Feb 2022 17:27

Tgt Ion:152 Resp: 379225
Ion Ratio Lower Upper
152 100
115 60.0 29.9 89.7
150 158.0 0.0 347.6

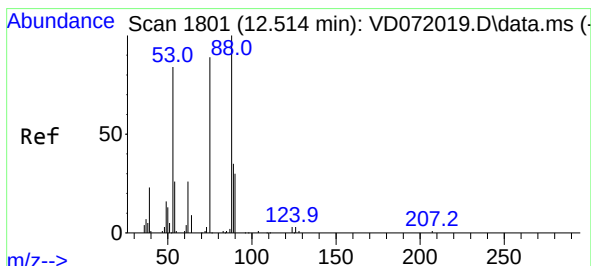
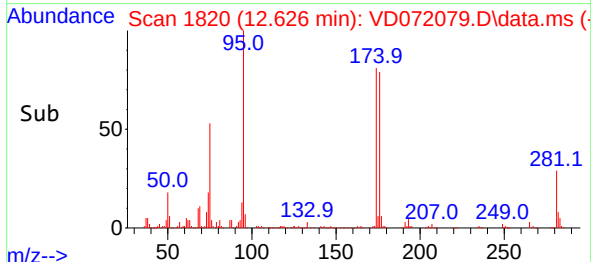
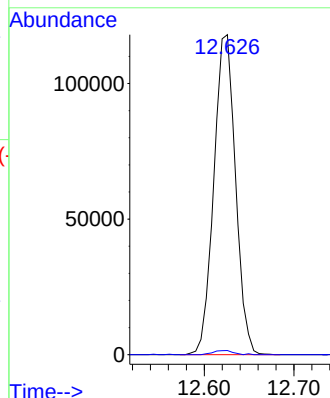
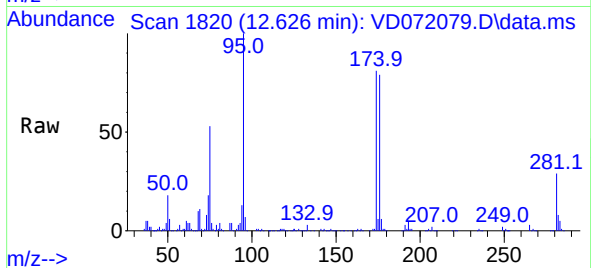




#76
1,2,3-Trichloropropane
Concen: 55.171 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072079.D
Acq: 23 Feb 2022 17:27

Instrument :
MSVOA_D
ClientSampleId :
GS-7

Tgt Ion: 75 Resp: 198181
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 138.161 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.112 min
Lab File: VD072079.D
Acq: 23 Feb 2022 17:27

Tgt Ion: 75 Resp: 198181
Ion Ratio Lower Upper
75 100
53 0.1 80.2 120.4#
89 0.5 36.4 54.6#

