

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022322\
 Data File : VD072080.D
 Acq On : 23 Feb 2022 17:55
 Operator : VA/SY
 Sample : N1598-08
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GS-8

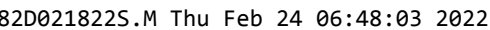
Quant Time: Feb 24 06:47:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

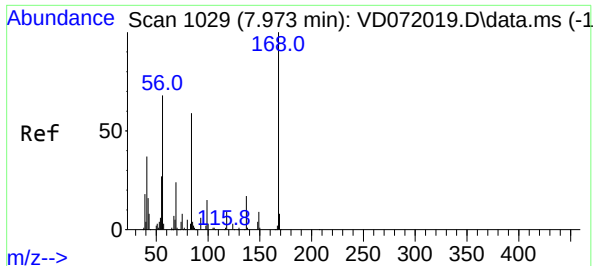
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	528137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	898402	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	846919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	399806	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	251851	45.972	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.940%
35) Dibromofluoromethane	7.914	113	272474	50.058	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.120%
50) Toluene-d8	10.332	98	1094449	54.220	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.440%
62) 4-Bromofluorobenzene	12.626	95	389492	52.530	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.060%
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	149	Below Cal	#	48
10) Methyl Iodide	4.291	142	222	2.959	ug/l #	40
16) Acetone	4.156	43	4067	3.435	ug/l #	88
18) Methyl Acetate	4.732	43	59	Below Cal	#	52
20) Methylene Chloride	4.962	84	23240	3.944	ug/l	95
31) Cyclohexane	7.979	56	11554	1.194	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	42748	5.185	ug/l #	50
38) Carbon Tetrachloride	7.979	117	55798	6.603	ug/l #	16
76) 1,2,3-Trichloropropane	12.626	75	205534	54.273	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	205534	135.911	ug/l #	10

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

Quant Time: Feb 24 06:47:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
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QLast Update : Sat Feb 19 04:05:38 2022
Response via : Initial Calibration

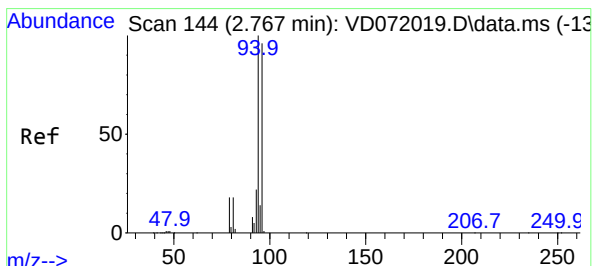
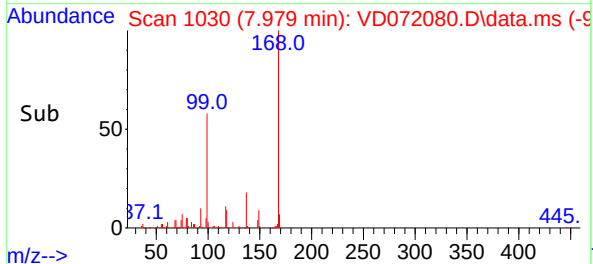
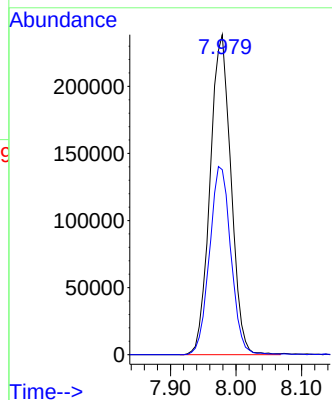
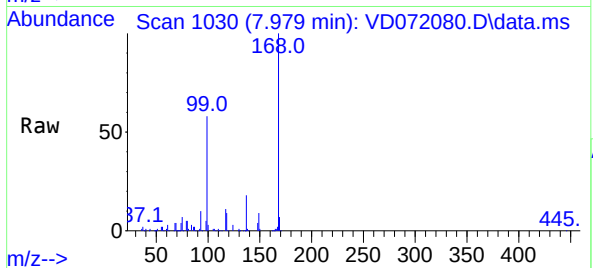




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072080.D
Acq: 23 Feb 2022 17:55

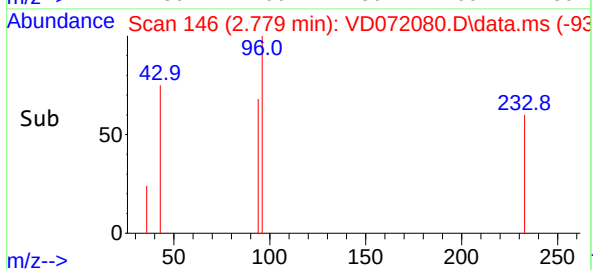
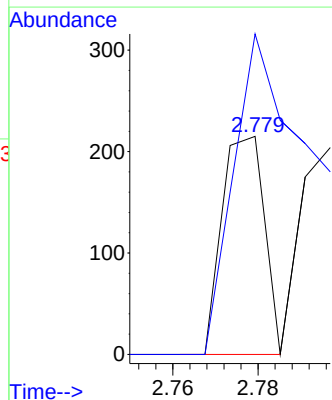
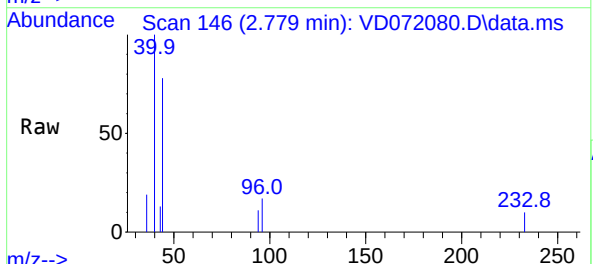
Instrument :
MSVOA_D
ClientSampleId :
GS-8

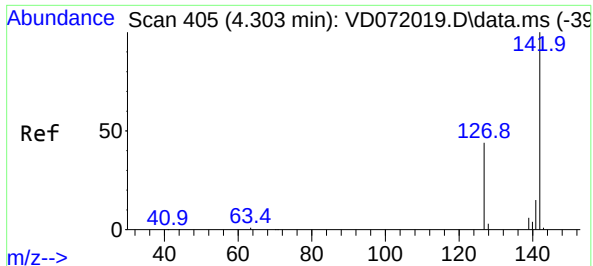
Tgt Ion:168 Resp: 528137
Ion Ratio Lower Upper
168 100
99 57.8 47.1 70.7



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.012 min
Lab File: VD072080.D
Acq: 23 Feb 2022 17:55

Tgt Ion: 94 Resp: 149
Ion Ratio Lower Upper
94 100
96 147.0 76.8 115.2#

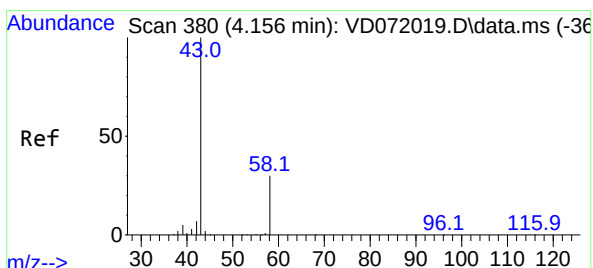
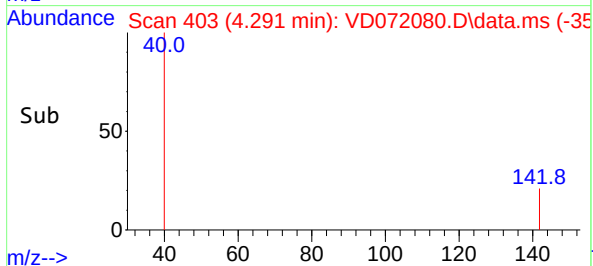
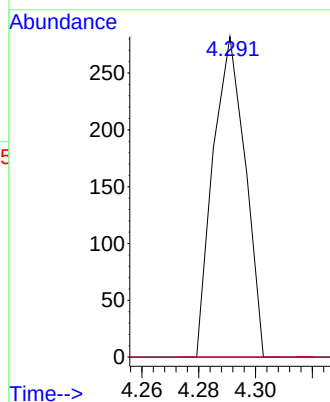
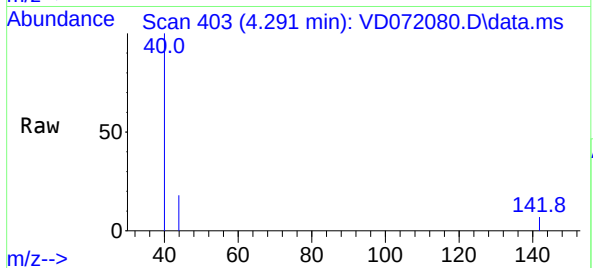




#10
Methyl Iodide
Concen: 2.959 ug/l
RT: 4.291 min Scan# 40
Delta R.T. -0.012 min
Lab File: VD072080.D
Acq: 23 Feb 2022 17:55

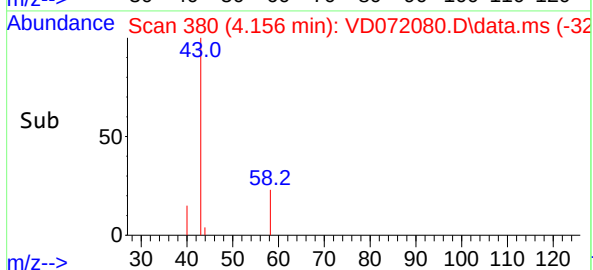
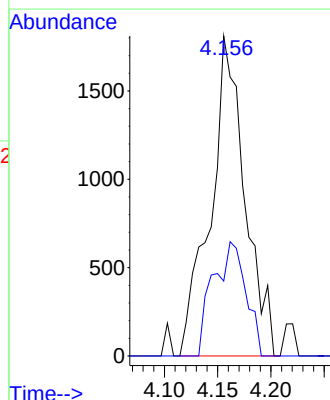
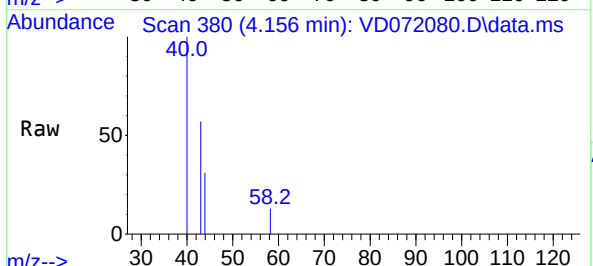
Instrument :
MSVOA_D
ClientSampleId :
GS-8

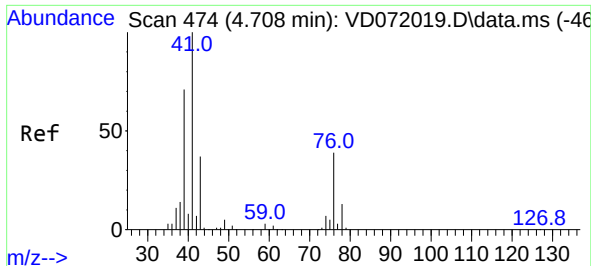
Tgt Ion:142 Resp: 222
Ion Ratio Lower Upper
142 100
127 0.0 35.8 53.8#
141 0.0 11.6 17.4#



#16
Acetone
Concen: 3.435 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072080.D
Acq: 23 Feb 2022 17:55

Tgt Ion: 43 Resp: 4067
Ion Ratio Lower Upper
43 100
58 23.4 23.8 35.6#

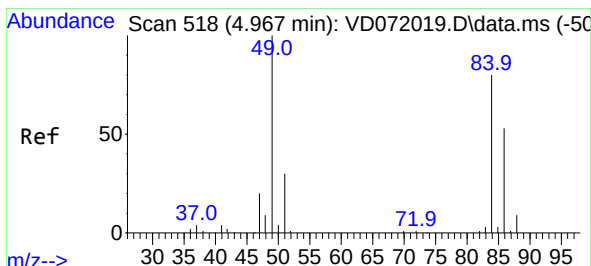
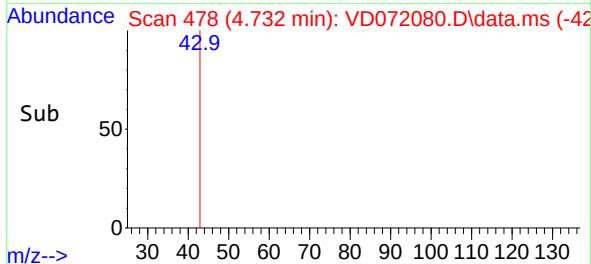
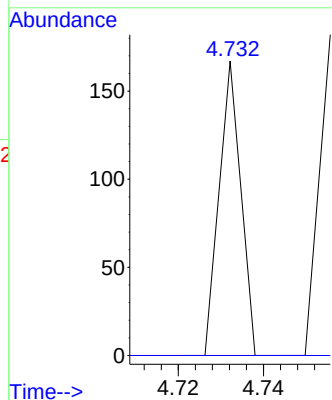
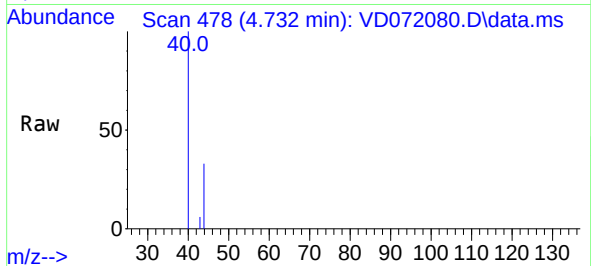




#18
Methyl Acetate
Concen: Below Cal
RT: 4.732 min Scan# 41
Delta R.T. 0.024 min
Lab File: VD072080.D
Acq: 23 Feb 2022 17:55

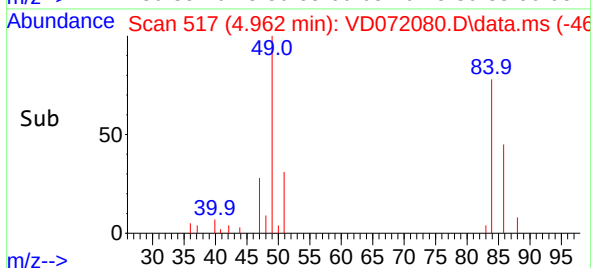
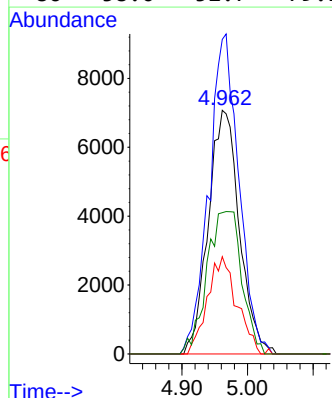
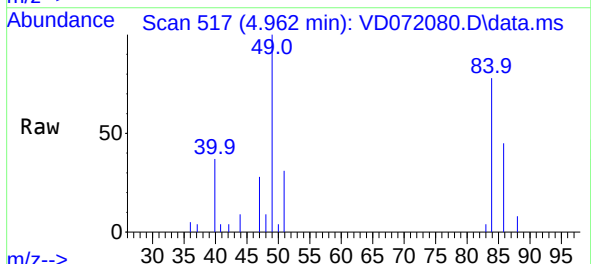
Instrument :
MSVOA_D
ClientSampleId :
GS-8

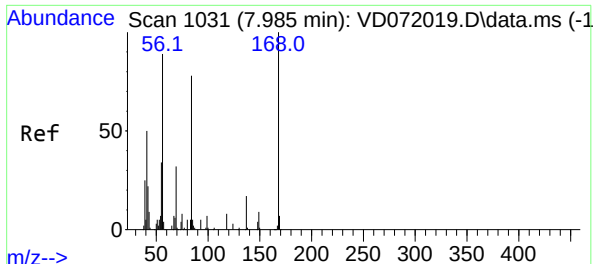
Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#



#20
Methylene Chloride
Concen: 3.944 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD072080.D
Acq: 23 Feb 2022 17:55

Tgt Ion: 84 Resp: 23240
Ion Ratio Lower Upper
84 100
49 129.0 100.0 150.0
51 39.9 30.2 45.4
86 58.0 52.7 79.1

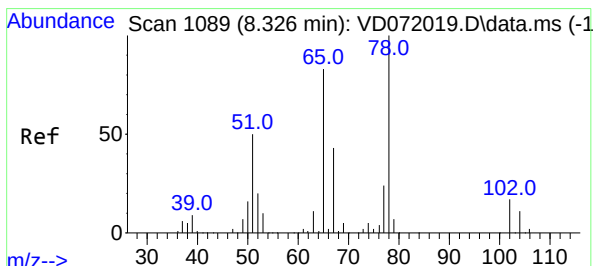
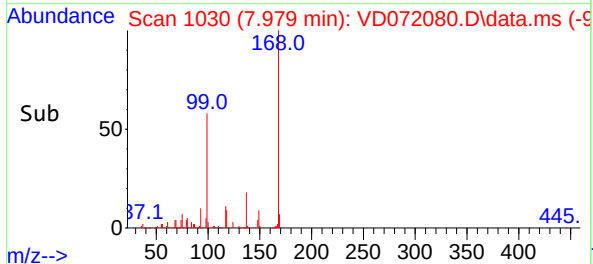
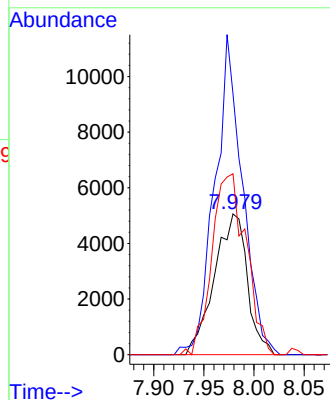
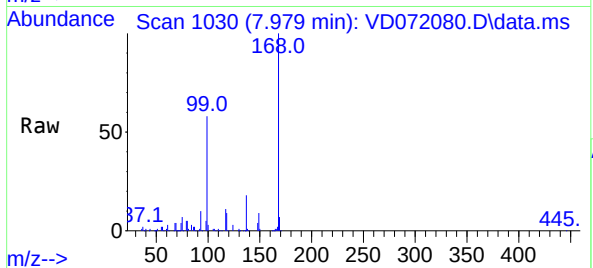




#31
Cyclohexane
Concen: 1.194 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD072080.D
Acq: 23 Feb 2022 17:55

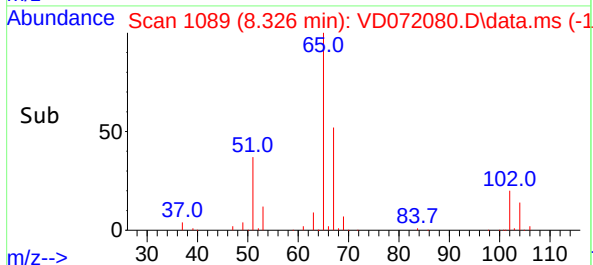
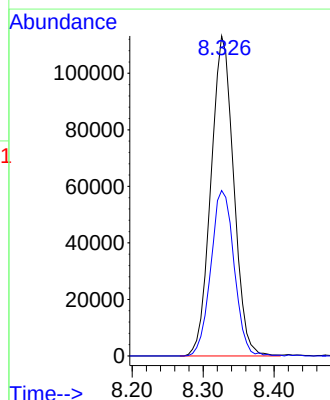
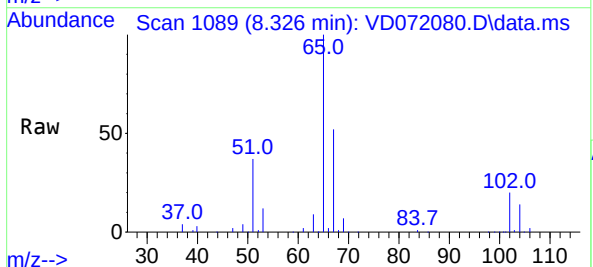
Instrument :
MSVOA_D
ClientSampleId :
GS-8

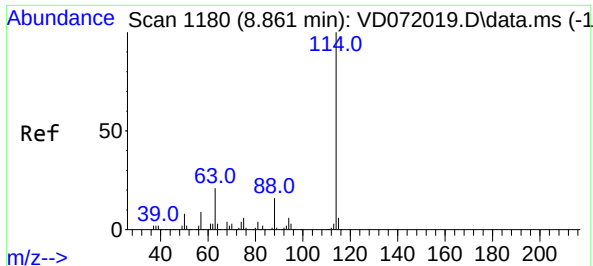
Tgt Ion: 56 Resp: 11554
Ion Ratio Lower Upper
56 100
69 191.6 28.9 43.3#
84 128.5 70.6 105.8#



#33
1,2-Dichloroethane-d4
Concen: 45.972 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072080.D
Acq: 23 Feb 2022 17:55

Tgt Ion: 65 Resp: 251851
Ion Ratio Lower Upper
65 100
67 52.9 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: VD072080.D

Acq: 23 Feb 2022 17:55

Instrument :

MSVOA_D

ClientSampleId :

GS-8

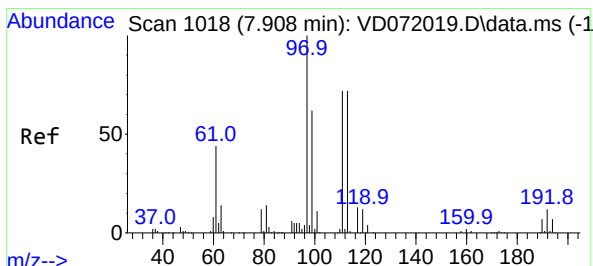
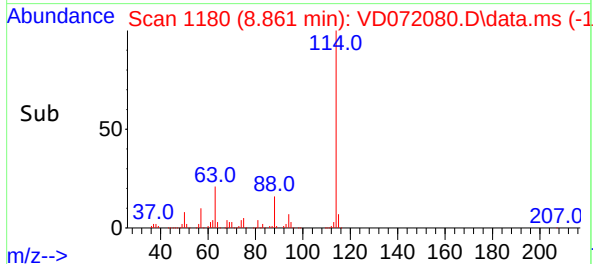
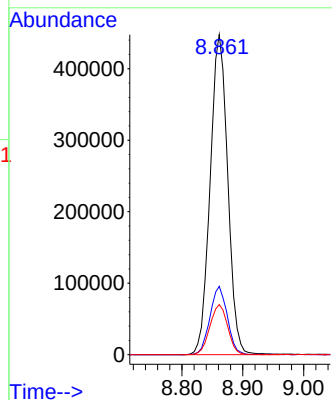
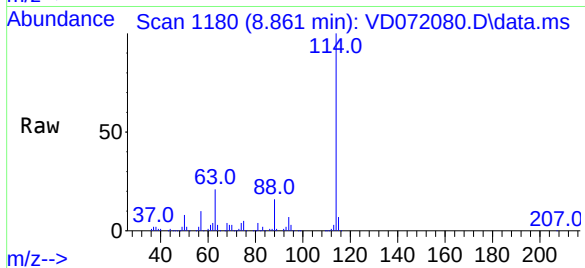
Tgt Ion:114 Resp: 898402

Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.2

88 15.6 0.0 31.2



#35

Dibromofluoromethane

Concen: 50.058 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072080.D

Acq: 23 Feb 2022 17:55

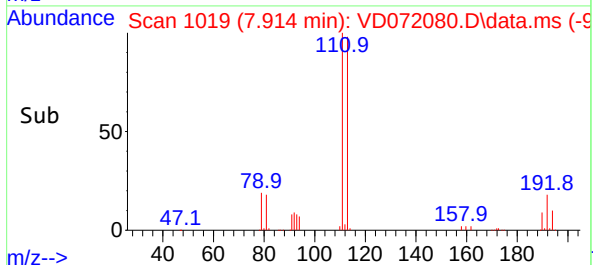
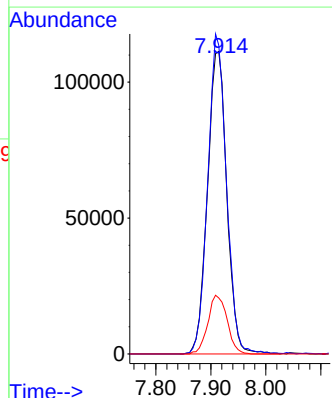
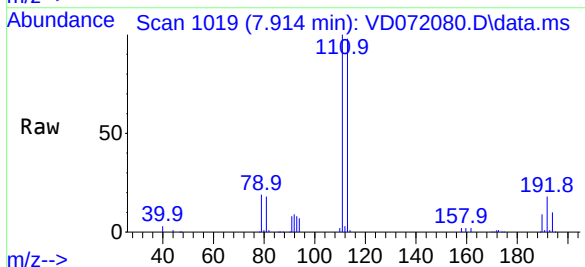
Tgt Ion:113 Resp: 272474

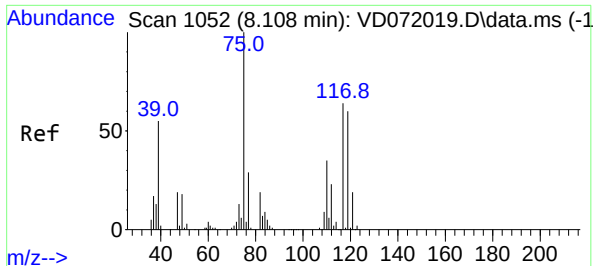
Ion Ratio Lower Upper

113 100

111 102.0 83.0 124.4

192 19.3 15.3 22.9





#36

1,1-Dichloropropene

Concen: 5.185 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD072080.D

Acq: 23 Feb 2022 17:55

Instrument :

MSVOA_D

ClientSampleId :

GS-8

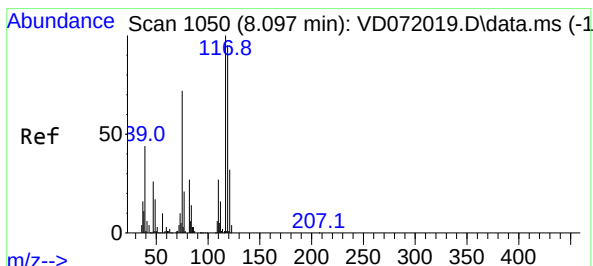
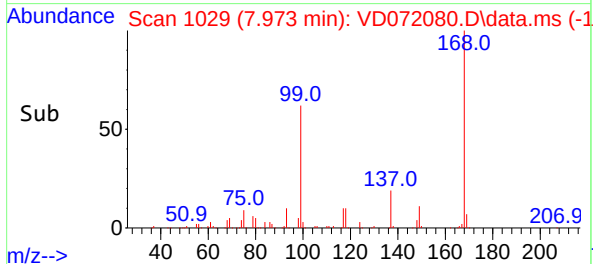
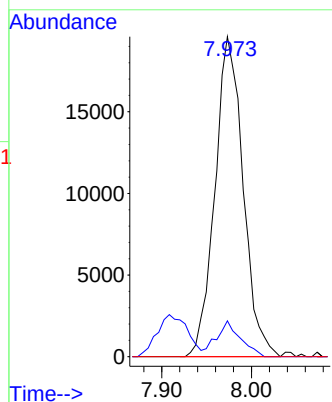
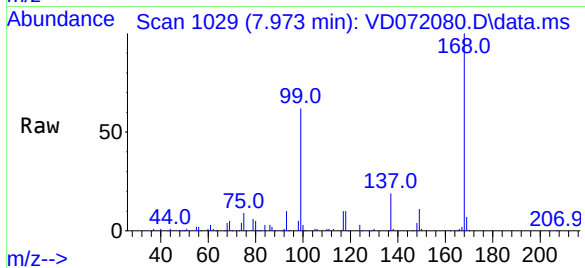
Tgt Ion: 75 Resp: 42748

Ion Ratio Lower Upper

75 100

110 9.6 17.7 53.1#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.603 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.118 min

Lab File: VD072080.D

Acq: 23 Feb 2022 17:55

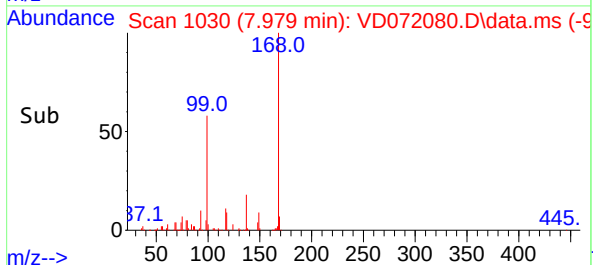
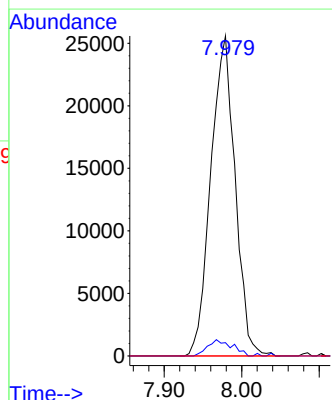
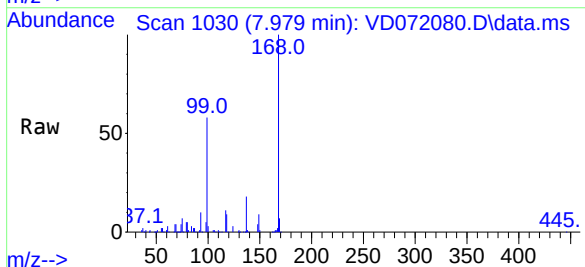
Tgt Ion: 117 Resp: 55798

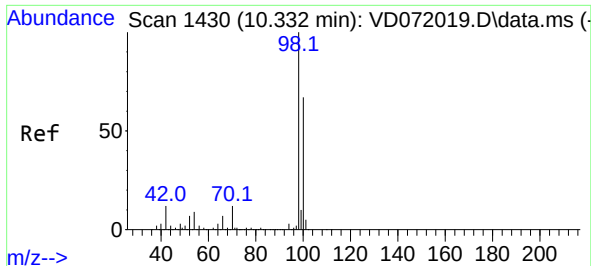
Ion Ratio Lower Upper

117 100

119 4.2 75.8 113.8#

121 0.0 25.8 38.6#

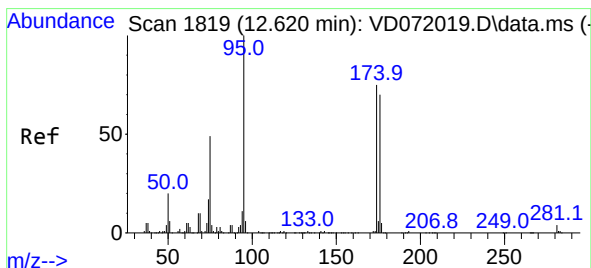
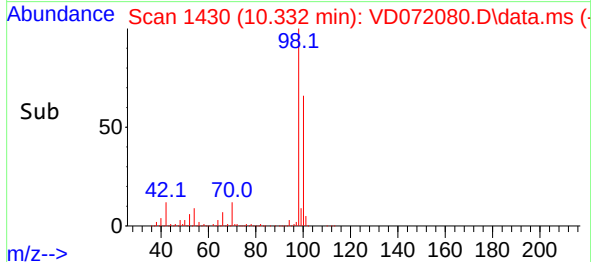
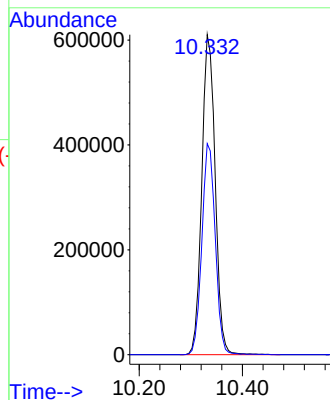
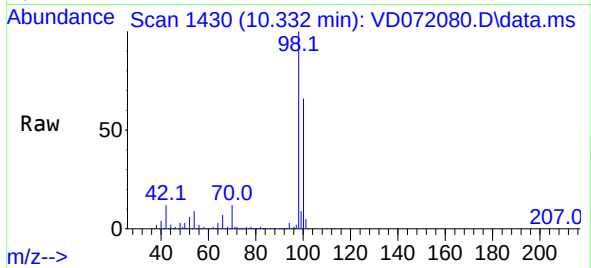




#50
Toluene-d8
Concen: 54.220 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072080.D
Acq: 23 Feb 2022 17:55

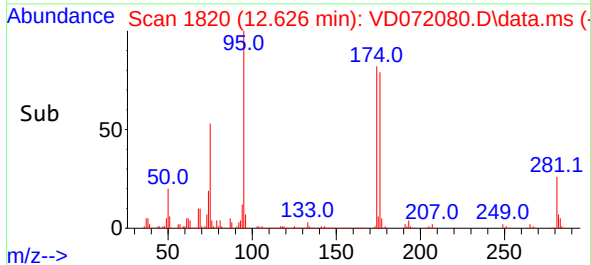
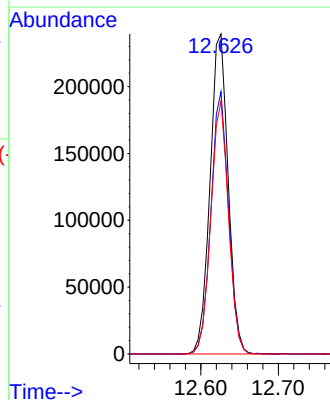
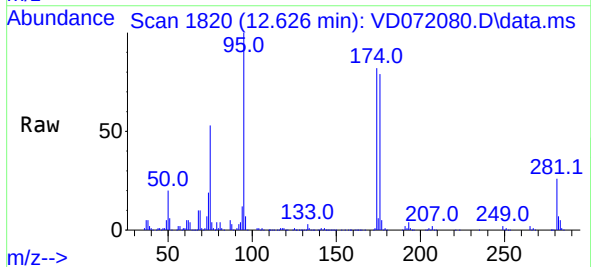
Instrument :
MSVOA_D
ClientSampleId :
GS-8

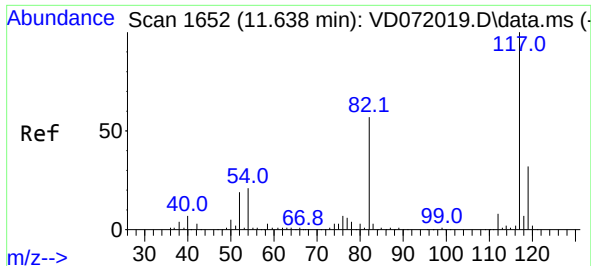
Tgt Ion: 98 Resp: 1094449
Ion Ratio Lower Upper
98 100
100 66.1 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 52.530 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072080.D
Acq: 23 Feb 2022 17:55

Tgt Ion: 95 Resp: 389492
Ion Ratio Lower Upper
95 100
174 79.7 0.0 155.0
176 76.9 0.0 148.8

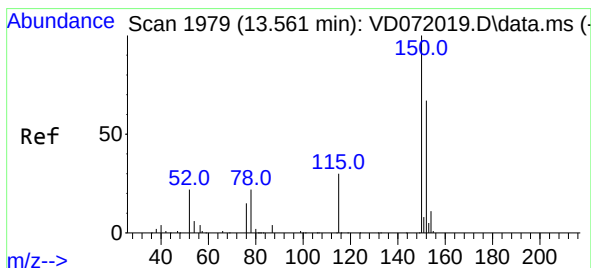
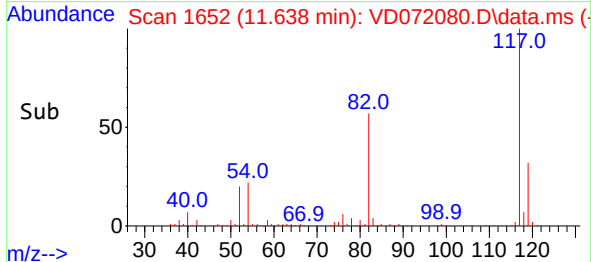
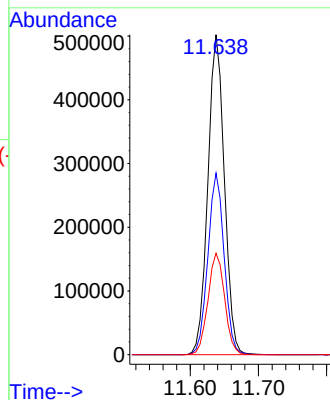
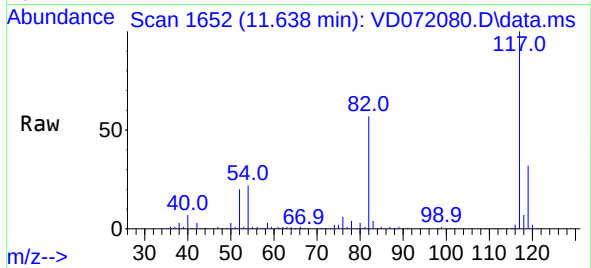




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072080.D
Acq: 23 Feb 2022 17:55

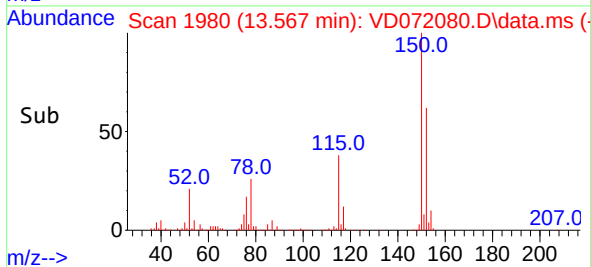
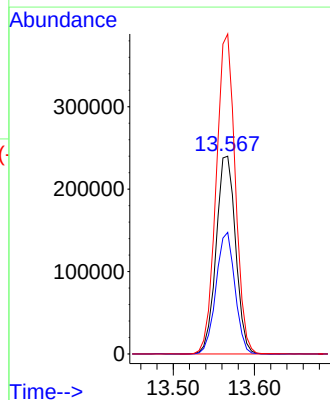
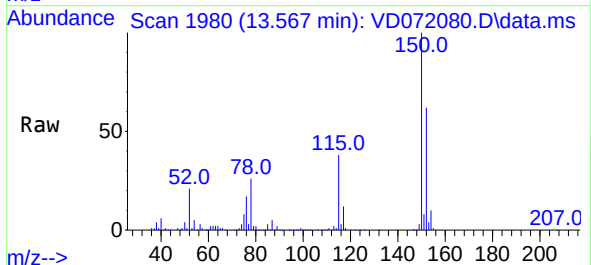
Instrument :
MSVOA_D
ClientSampleId :
GS-8

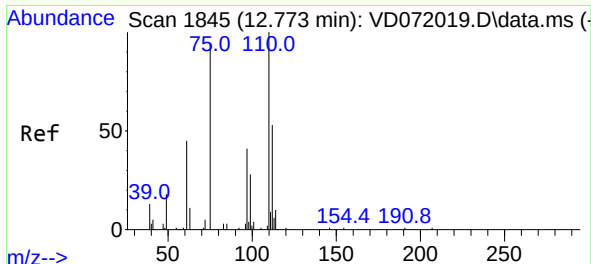
Tgt Ion:117 Resp: 846919
Ion Ratio Lower Upper
117 100
82 56.7 45.4 68.0
119 31.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD072080.D
Acq: 23 Feb 2022 17:55

Tgt Ion:152 Resp: 399806
Ion Ratio Lower Upper
152 100
115 59.8 29.9 89.7
150 158.4 0.0 347.6

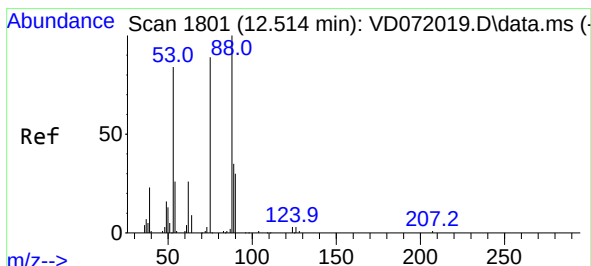
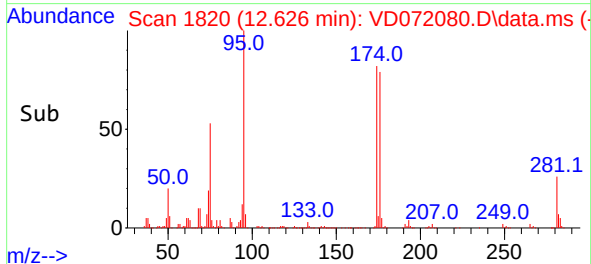
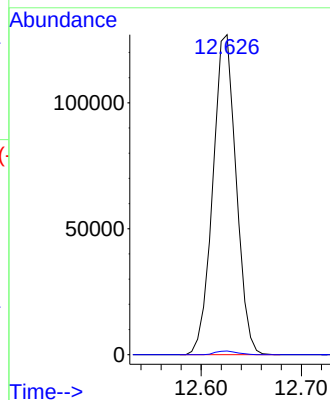
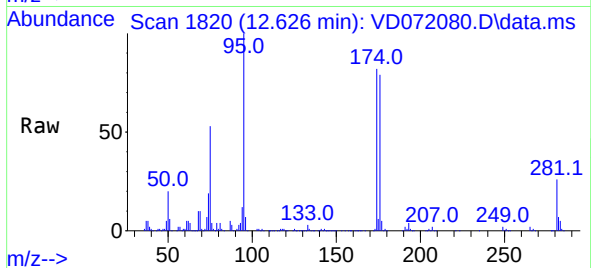




#76
1,2,3-Trichloropropane
Concen: 54.273 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072080.D
Acq: 23 Feb 2022 17:55

Instrument :
MSVOA_D
ClientSampleId :
GS-8

Tgt Ion: 75 Resp: 205534
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 135.911 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.112 min
Lab File: VD072080.D
Acq: 23 Feb 2022 17:55

Tgt Ion: 75 Resp: 205534
Ion Ratio Lower Upper
75 100
53 0.1 80.2 120.4#
89 0.5 36.4 54.6#

