

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022322\
 Data File : VD072075.D
 Acq On : 23 Feb 2022 15:34
 Operator : VA/SY
 Sample : N1598-03
 Misc : 5.24G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GS-3

Quant Time: Feb 24 06:47:14 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)

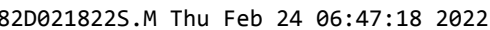
Internal Standards						
1) Pentafluorobenzene	7.973	168	530789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	889067	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	842059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	392799	50.000	ug/l	0.00

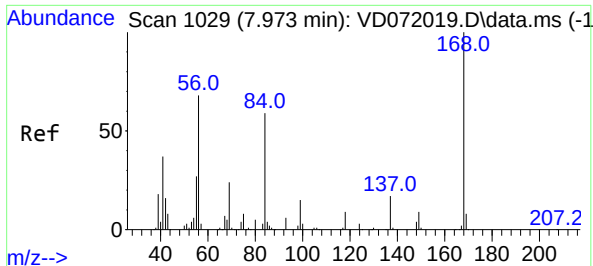
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	244980	44.495	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.980%
35) Dibromofluoromethane	7.914	113	270760	50.266	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.540%
50) Toluene-d8	10.338	98	1107348	55.435	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.860%
62) 4-Bromofluorobenzene	12.626	95	381950	52.053	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.100%

Target Compounds					Qvalue	
5) Bromomethane	2.762	94	737	Below Cal	#	64
10) Methyl Iodide	4.314	142	569	3.013	ug/l #	40
16) Acetone	4.167	43	5476	4.602	ug/l #	87
18) Methyl Acetate	4.703	43	142	Below Cal	#	52
20) Methylene Chloride	4.961	84	19188	3.240	ug/l #	83
31) Cyclohexane	7.979	56	12042	1.238	ug/l #	31
36) 1,1-Dichloropropene	7.979	75	43628	5.347	ug/l #	49
38) Carbon Tetrachloride	7.973	117	55561	6.644	ug/l #	16
76) 1,2,3-Trichloropropane	12.626	75	200582	53.910	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	200582	135.002	ug/l #	10

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

Quant Time: Feb 24 06:47:14 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

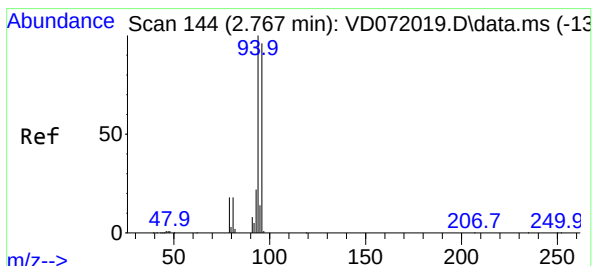
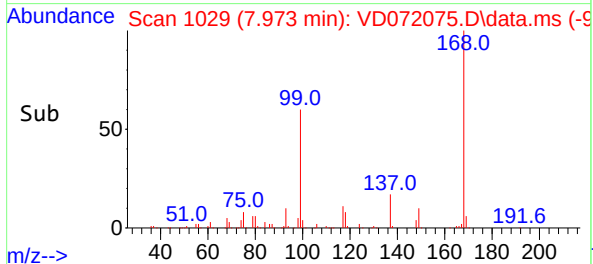
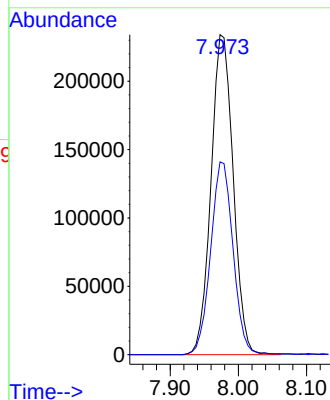
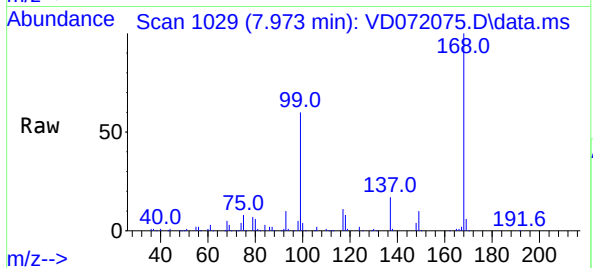




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072075.D
Acq: 23 Feb 2022 15:34

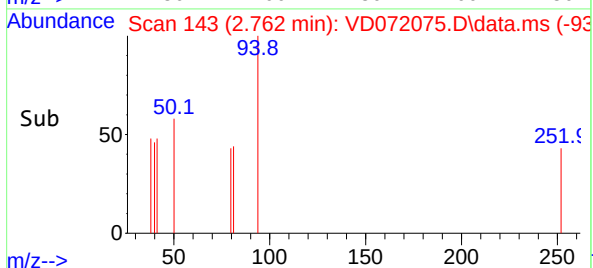
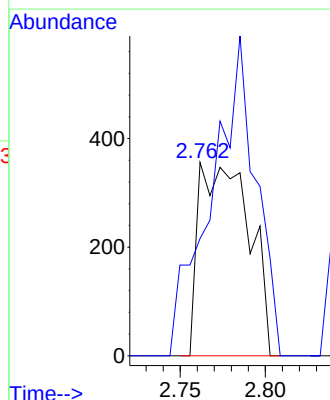
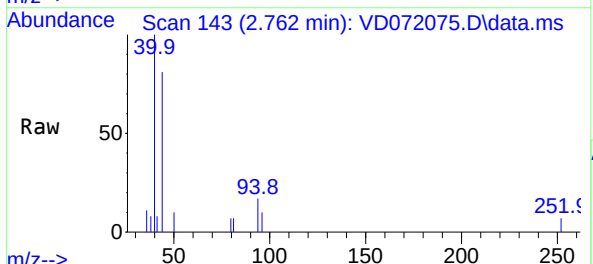
Instrument :
MSVOA_D
ClientSampleId :
GS-3

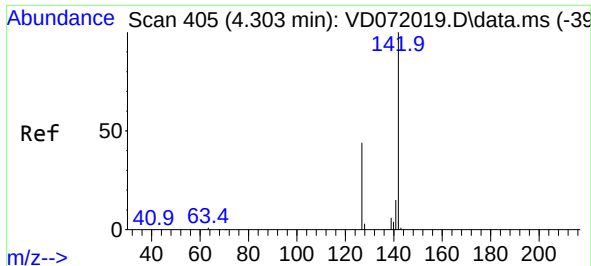
Tgt Ion:168 Resp: 530789
Ion Ratio Lower Upper
168 100
99 60.3 47.1 70.7



#5
Bromomethane
Concen: Below Cal
RT: 2.762 min Scan# 143
Delta R.T. -0.005 min
Lab File: VD072075.D
Acq: 23 Feb 2022 15:34

Tgt Ion: 94 Resp: 737
Ion Ratio Lower Upper
94 100
96 60.7 76.8 115.2#

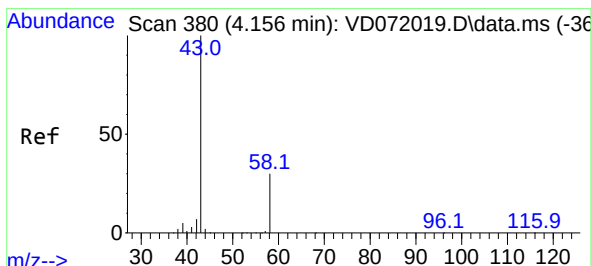
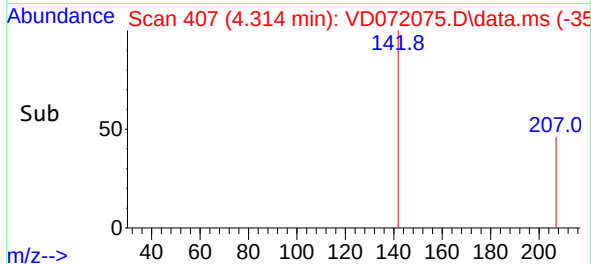
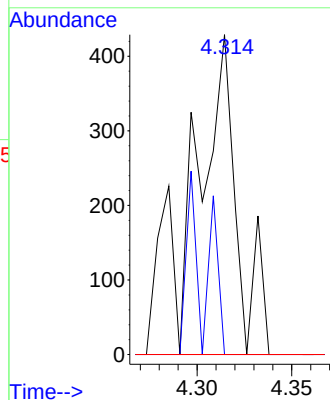
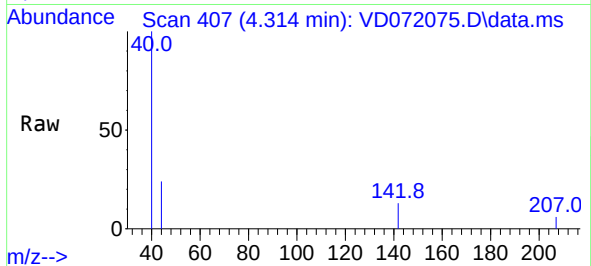




#10
Methyl Iodide
Concen: 3.013 ug/l
RT: 4.314 min Scan# 40
Delta R.T. 0.011 min
Lab File: VD072075.D
Acq: 23 Feb 2022 15:34

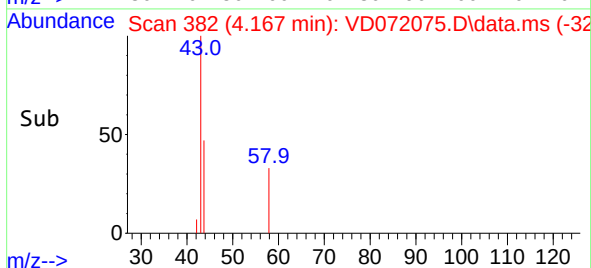
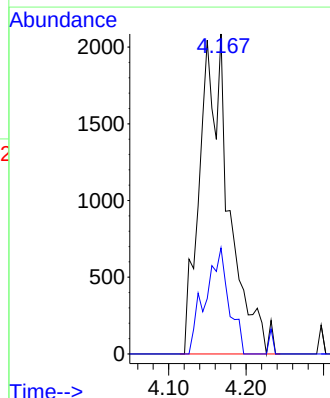
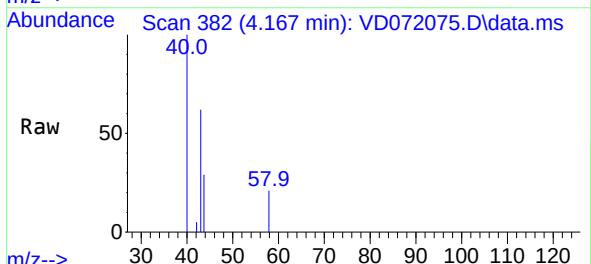
Instrument :
MSVOA_D
ClientSampleId :
GS-3

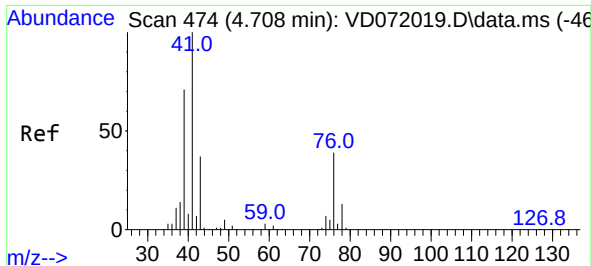
Tgt Ion:142 Resp: 569
Ion Ratio Lower Upper
142 100
127 0.0 35.8 53.8#
141 0.0 11.6 17.4#



#16
Acetone
Concen: 4.602 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.011 min
Lab File: VD072075.D
Acq: 23 Feb 2022 15:34

Tgt Ion: 43 Resp: 5476
Ion Ratio Lower Upper
43 100
58 22.6 23.8 35.6#

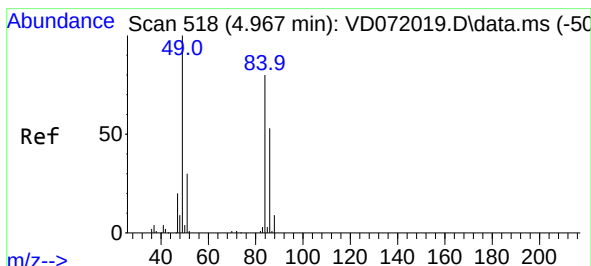
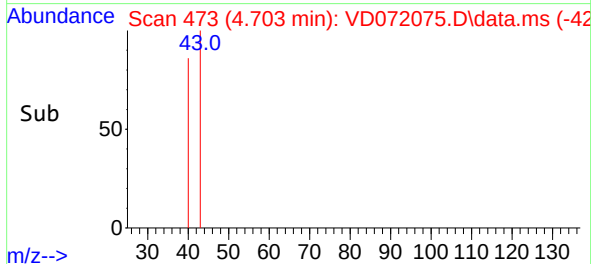
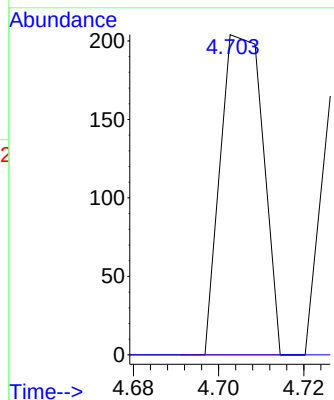
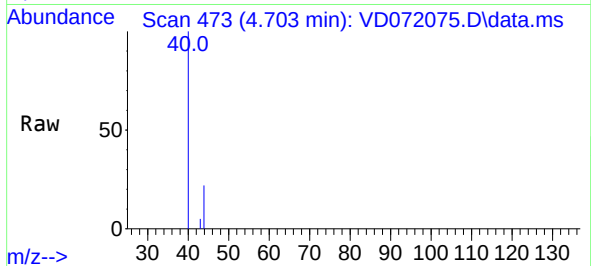




#18
Methyl Acetate
Concen: Below Cal
RT: 4.703 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD072075.D
Acq: 23 Feb 2022 15:34

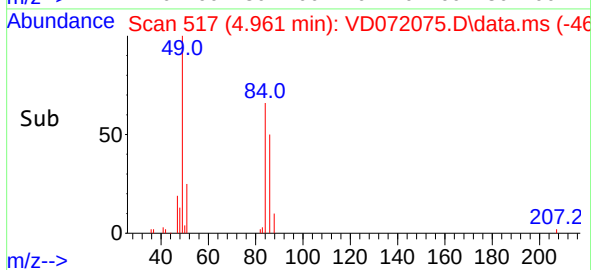
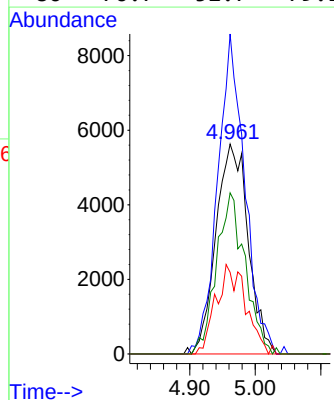
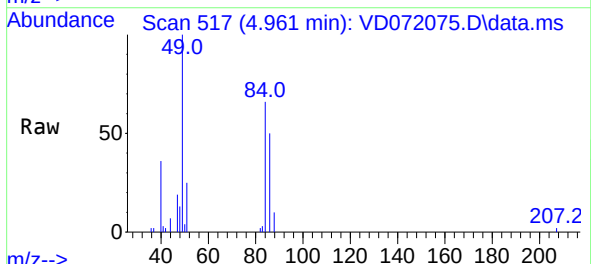
Instrument :
MSVOA_D
ClientSampleId :
GS-3

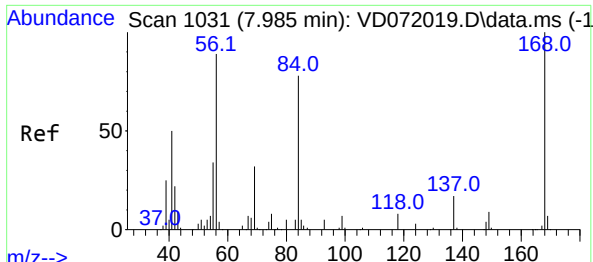
Tgt Ion: 43 Resp: 142
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#



#20
Methylene Chloride
Concen: 3.240 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD072075.D
Acq: 23 Feb 2022 15:34

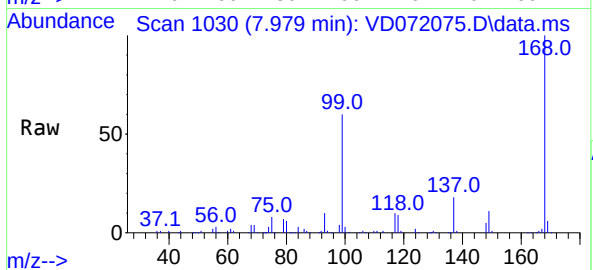
Tgt Ion: 84 Resp: 19188
Ion Ratio Lower Upper
84 100
49 152.5 100.0 150.0#
51 38.9 30.2 45.4
86 76.7 52.7 79.1



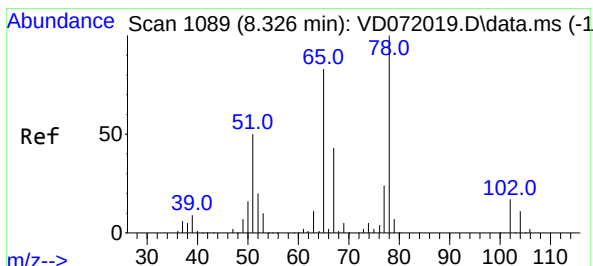
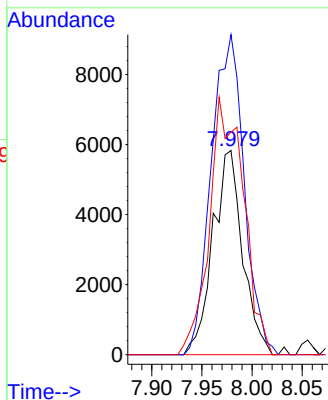
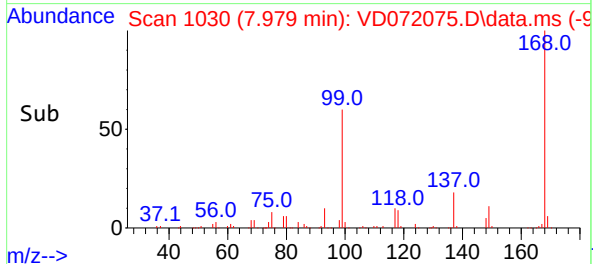


#31
Cyclohexane
Concen: 1.238 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD072075.D
Acq: 23 Feb 2022 15:34

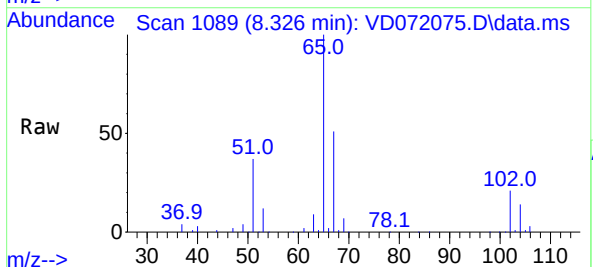
Instrument :
MSVOA_D
ClientSampleId :
GS-3



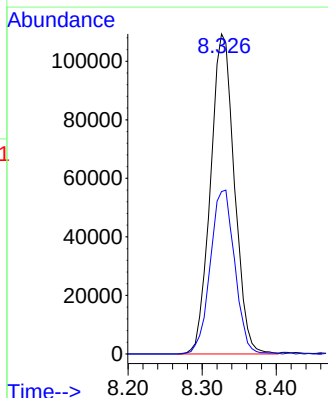
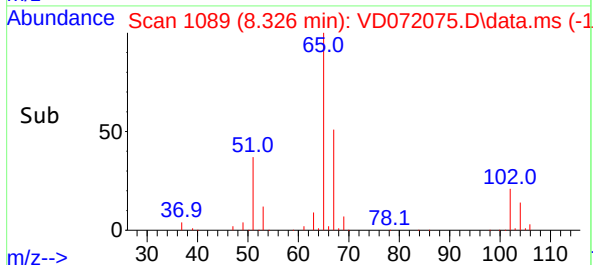
Tgt Ion: 56 Resp: 12042
Ion Ratio Lower Upper
56 100
69 150.7 28.9 43.3#
84 104.8 70.6 105.8

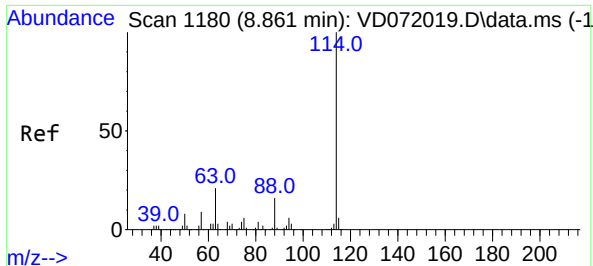


#33
1,2-Dichloroethane-d4
Concen: 44.495 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072075.D
Acq: 23 Feb 2022 15:34



Tgt Ion: 65 Resp: 244980
Ion Ratio Lower Upper
65 100
67 52.4 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: VD072075.D

Acq: 23 Feb 2022 15:34

Instrument :

MSVOA_D

ClientSampleId :

GS-3

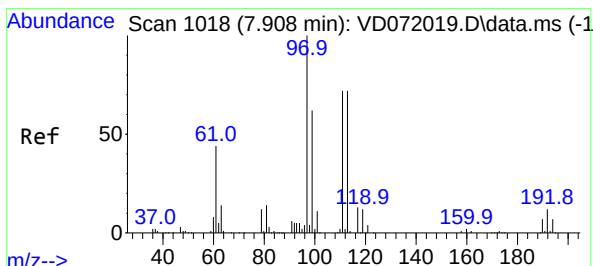
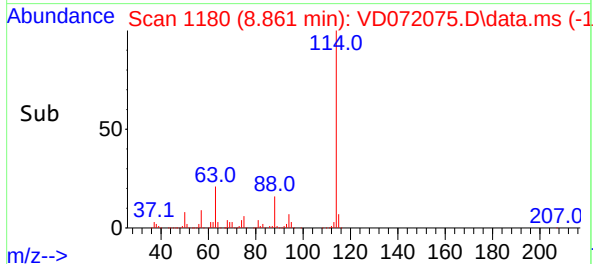
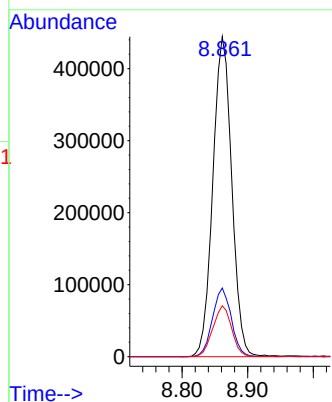
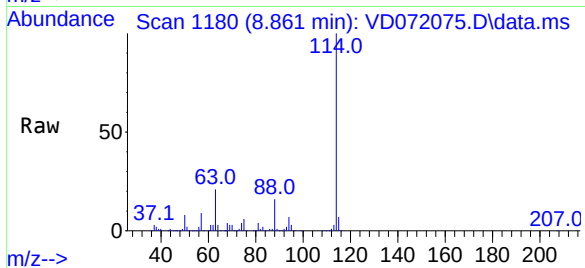
Tgt Ion:114 Resp: 889067

Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.2

88 15.9 0.0 31.2



#35

Dibromofluoromethane

Concen: 50.266 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072075.D

Acq: 23 Feb 2022 15:34

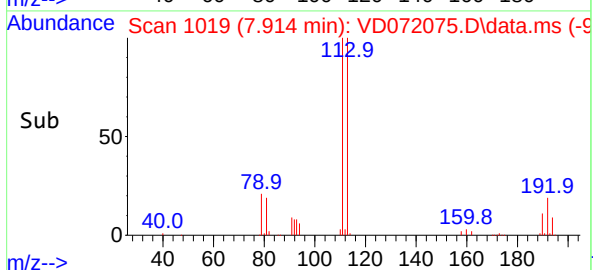
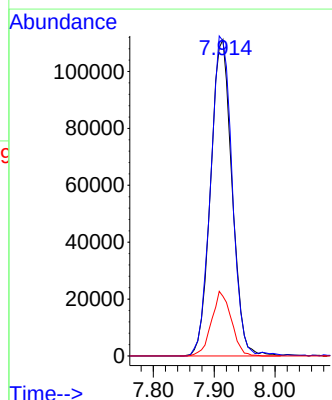
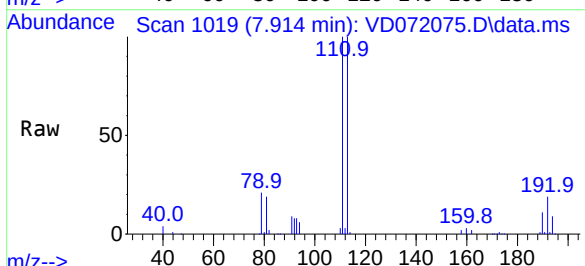
Tgt Ion:113 Resp: 270760

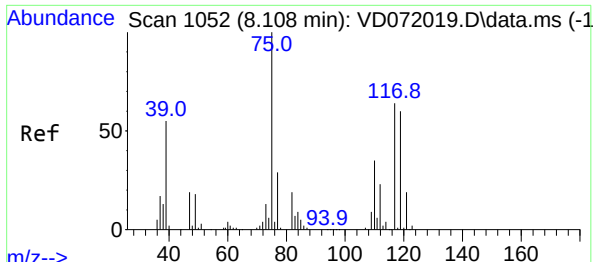
Ion Ratio Lower Upper

113 100

111 101.4 83.0 124.4

192 18.9 15.3 22.9





#36

1,1-Dichloropropene

Concen: 5.347 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. -0.129 min

Lab File: VD072075.D

Acq: 23 Feb 2022 15:34

Instrument :

MSVOA_D

ClientSampleId :

GS-3

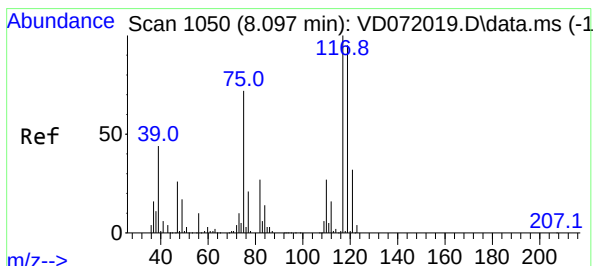
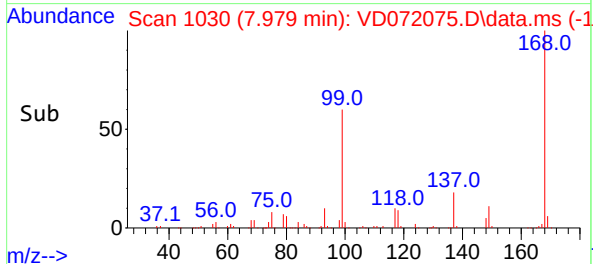
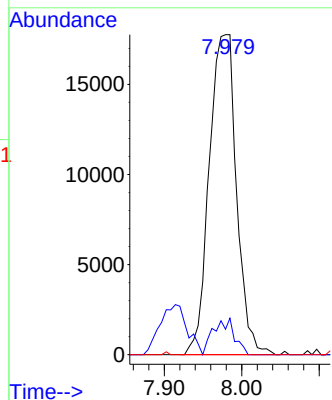
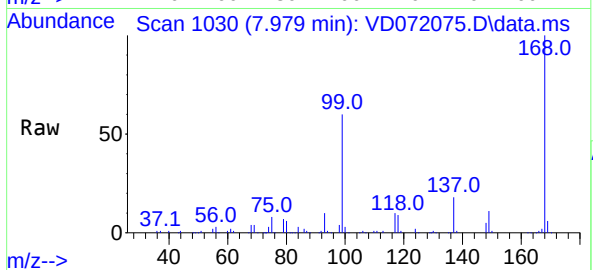
Tgt Ion: 75 Resp: 43628

Ion Ratio Lower Upper

75 100

110 8.7 17.7 53.1#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.644 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.123 min

Lab File: VD072075.D

Acq: 23 Feb 2022 15:34

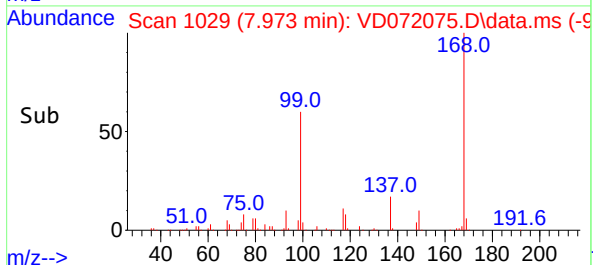
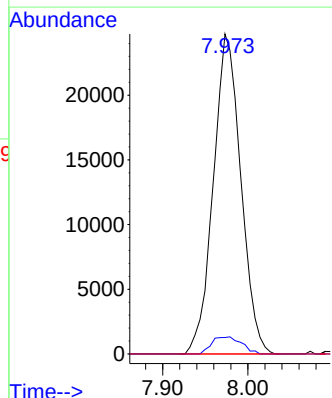
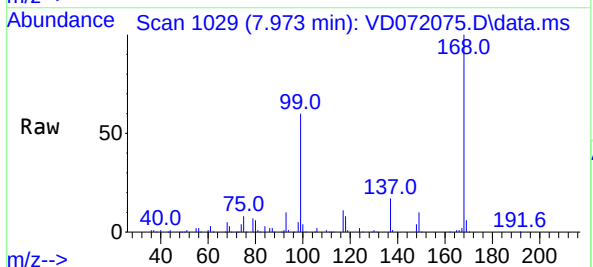
Tgt Ion: 117 Resp: 55561

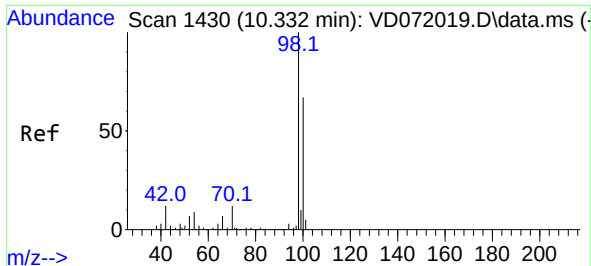
Ion Ratio Lower Upper

117 100

119 5.2 75.8 113.8#

121 0.0 25.8 38.6#

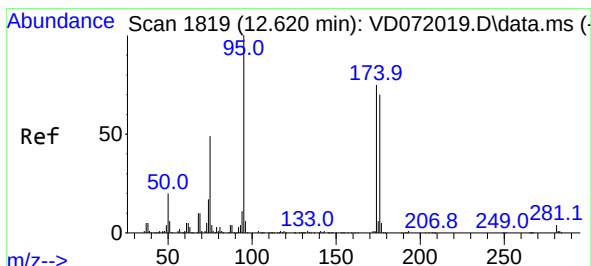
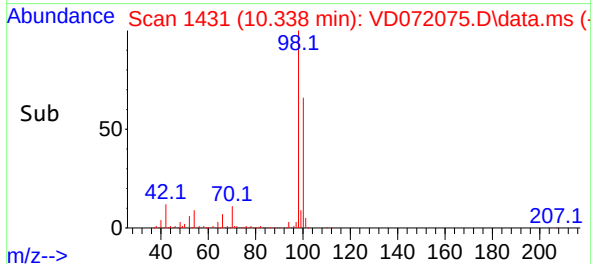
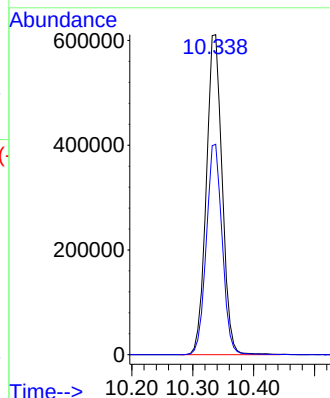
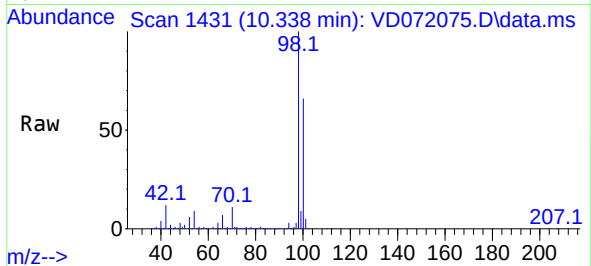




#50
Toluene-d8
Concen: 55.435 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072075.D
Acq: 23 Feb 2022 15:34

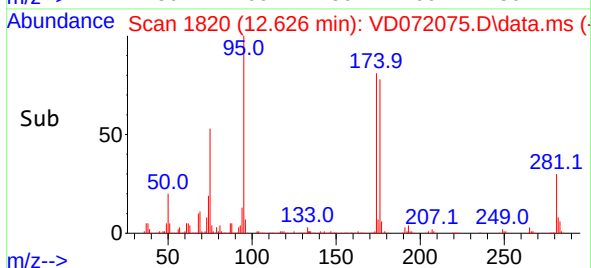
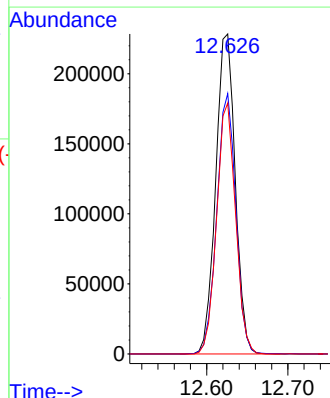
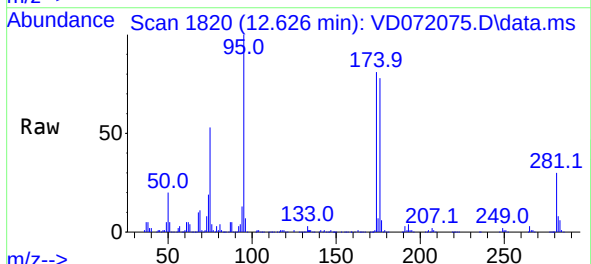
Instrument :
MSVOA_D
ClientSampleId :
GS-3

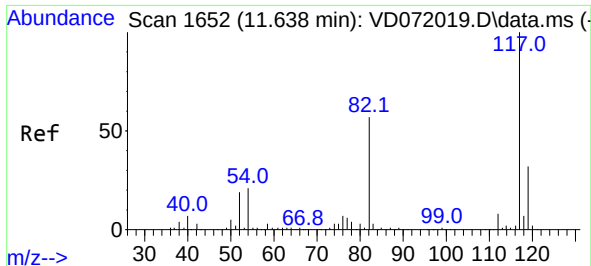
Tgt Ion: 98 Resp: 1107348
Ion Ratio Lower Upper
98 100
100 65.8 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 52.053 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072075.D
Acq: 23 Feb 2022 15:34

Tgt Ion: 95 Resp: 381950
Ion Ratio Lower Upper
95 100
174 79.3 0.0 155.0
176 76.0 0.0 148.8

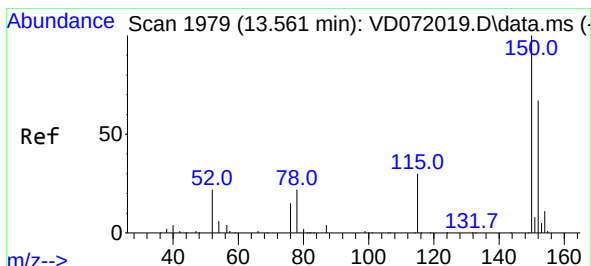
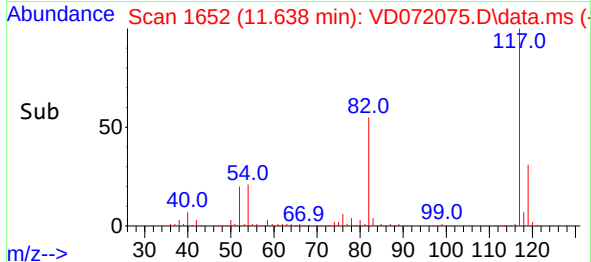
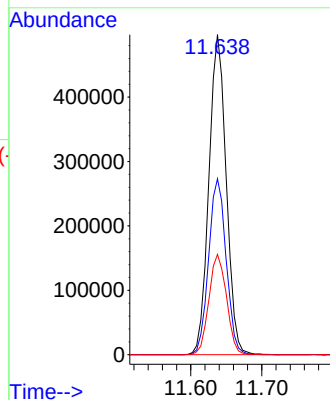
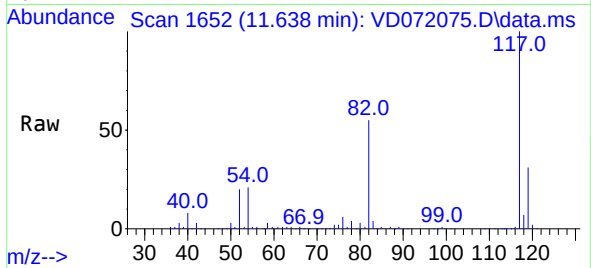




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072075.D
Acq: 23 Feb 2022 15:34

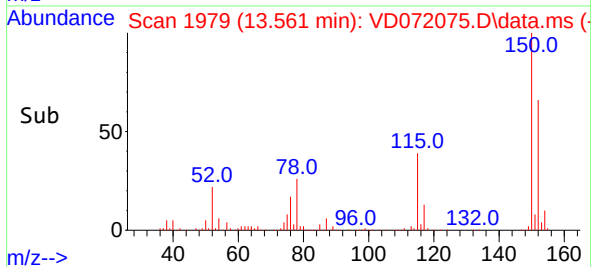
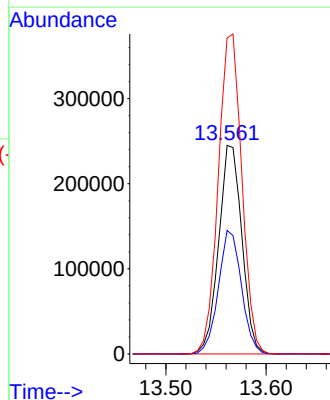
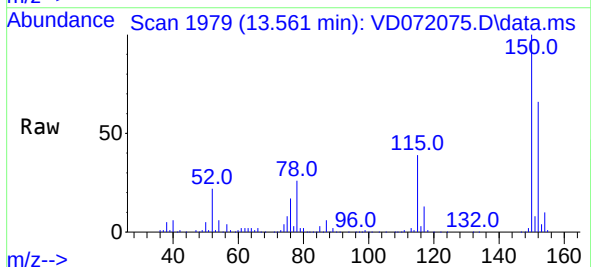
Instrument :
MSVOA_D
ClientSampleId :
GS-3

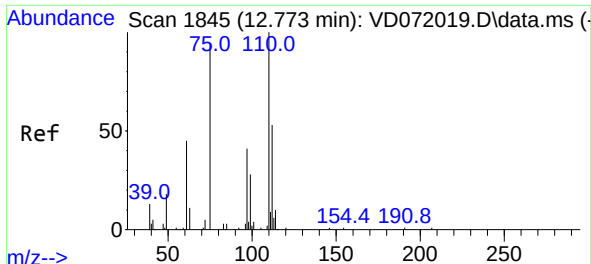
Tgt Ion:117 Resp: 842059
Ion Ratio Lower Upper
117 100
82 54.9 45.4 68.0
119 31.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072075.D
Acq: 23 Feb 2022 15:34

Tgt Ion:152 Resp: 392799
Ion Ratio Lower Upper
152 100
115 58.8 29.9 89.7
150 155.9 0.0 347.6

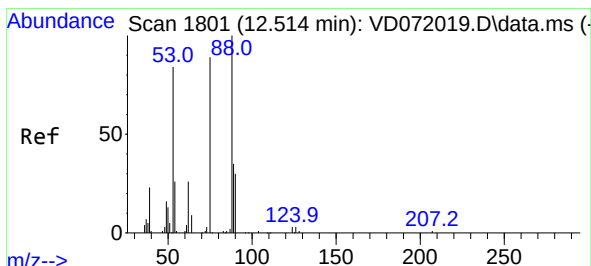
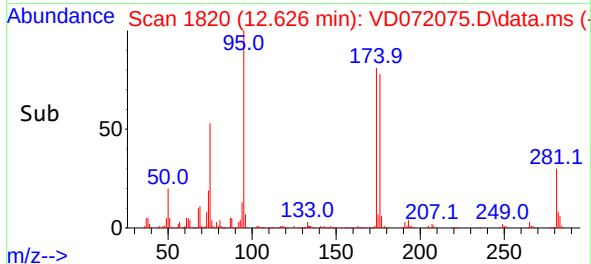
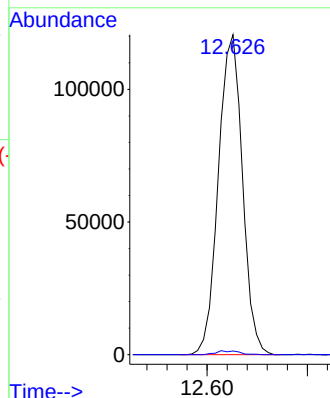
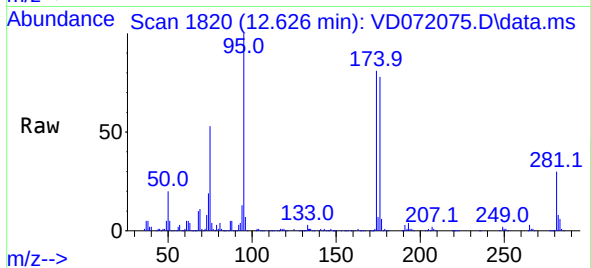




#76
1,2,3-Trichloropropane
Concen: 53.910 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072075.D
Acq: 23 Feb 2022 15:34

Instrument :
MSVOA_D
ClientSampleId :
GS-3

Tgt Ion: 75 Resp: 200582
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 135.002 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.112 min
Lab File: VD072075.D
Acq: 23 Feb 2022 15:34

Tgt Ion: 75 Resp: 200582
Ion Ratio Lower Upper
75 100
53 0.1 80.2 120.4#
89 0.4 36.4 54.6#

