

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022522\
 Data File : VD072095.D
 Acq On : 25 Feb 2022 12:46
 Operator : VA/SY
 Sample : N1598-05RE
 Misc : 5.79G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GS-5RE

Quant Time: Feb 26 05:41:20 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)

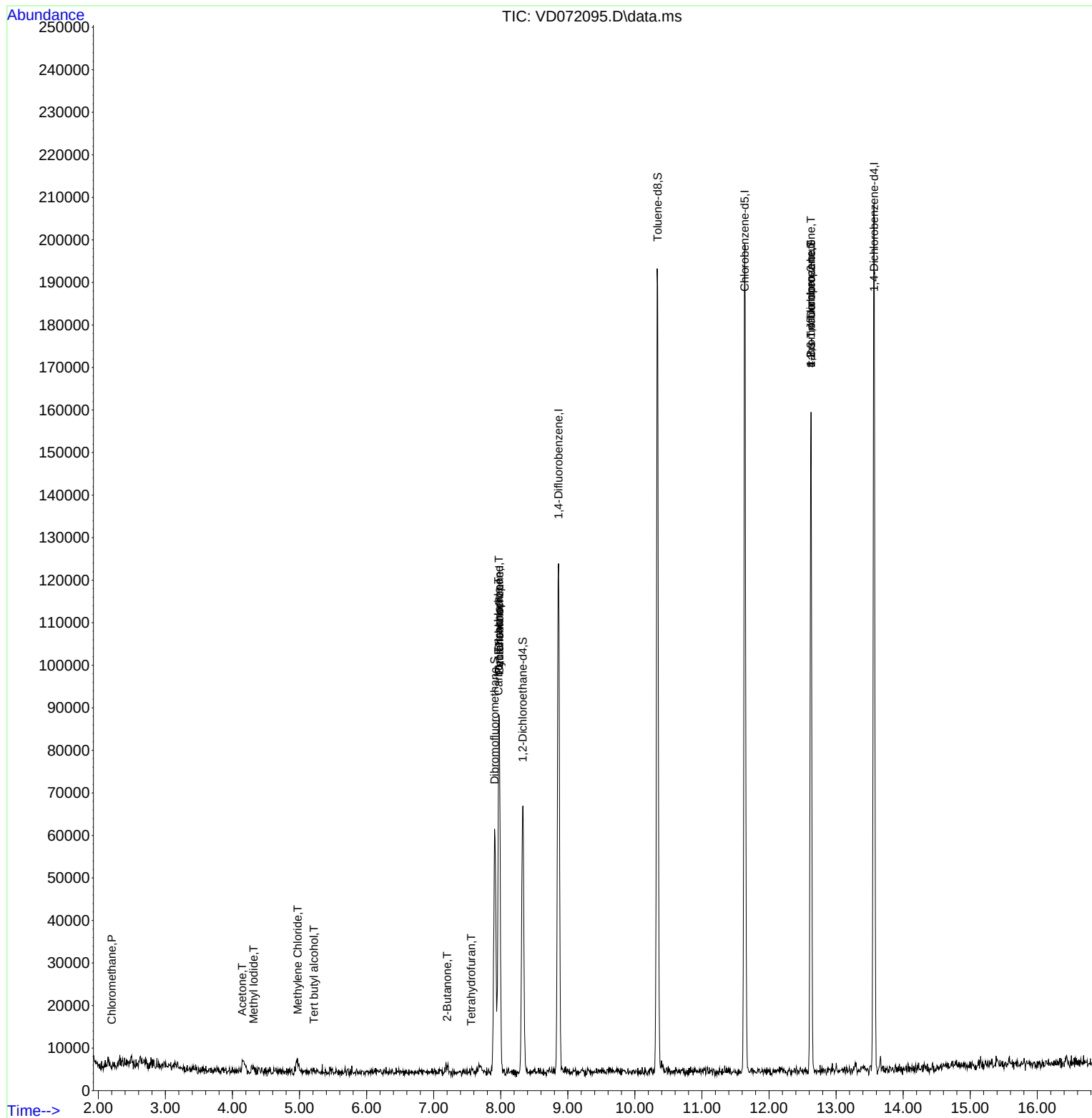
Internal Standards						
1) Pentafluorobenzene	7.979	168	63181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	105009	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	114062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	55873	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	52290	79.787	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 159.580%	
35) Dibromofluoromethane	7.909	113	40228	63.230	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 126.460%	
50) Toluene-d8	10.338	98	128925	54.644	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.280%	
62) 4-Bromofluorobenzene	12.626	95	50652	58.445	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 116.900%	
Target Compounds						Qvalue
3) Chloromethane	2.203	50	711	1.588	ug/l #	43
10) Methyl Iodide	4.315	142	828	4.011	ug/l #	57
11) Tert butyl alcohol	5.215	59	79	2.113	ug/l #	80
16) Acetone	4.144	43	5694	40.201	ug/l #	70
18) Methyl Acetate	4.926	43	79	Below Cal	#	52
20) Methylene Chloride	4.973	84	2634	3.737	ug/l #	60
25) 2-Butanone	7.203	43	710	3.627	ug/l #	50
29) Tetrahydrofuran	7.562	42	297	2.377	ug/l #	35
31) Cyclohexane	7.979	56	1682	1.453	ug/l #	52
36) 1,1-Dichloropropene	7.973	75	5211	5.407	ug/l #	43
38) Carbon Tetrachloride	7.967	117	6920	7.006	ug/l #	17
76) 1,2,3-Trichloropropane	12.626	75	26794	50.627	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	26794	126.781	ug/l #	10

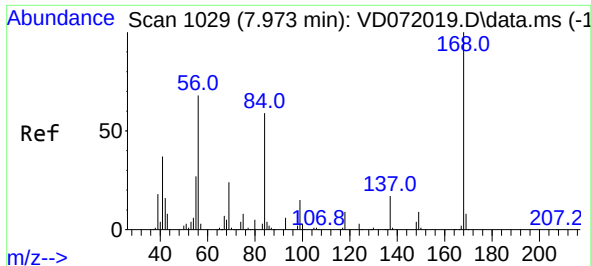
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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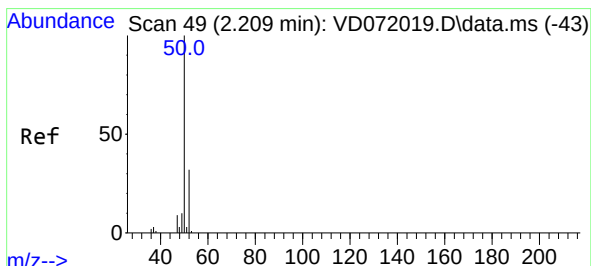
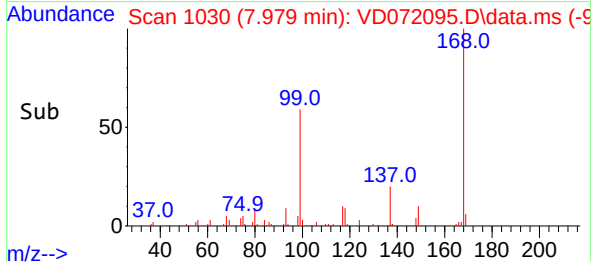
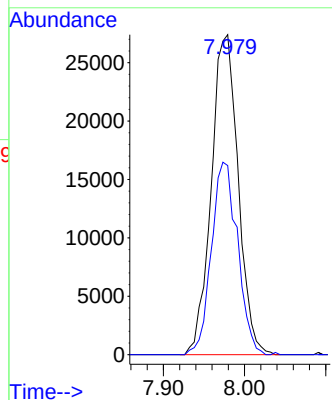
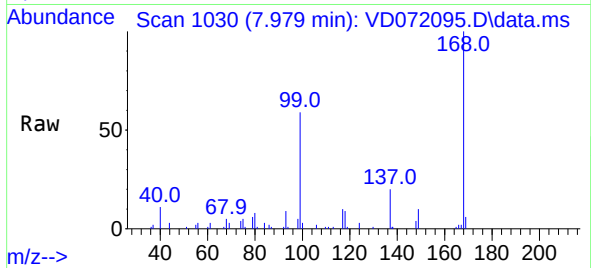




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072095.D
Acq: 25 Feb 2022 12:46

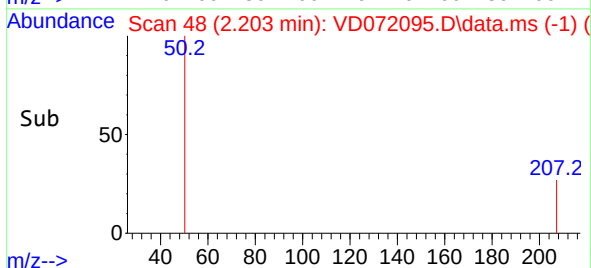
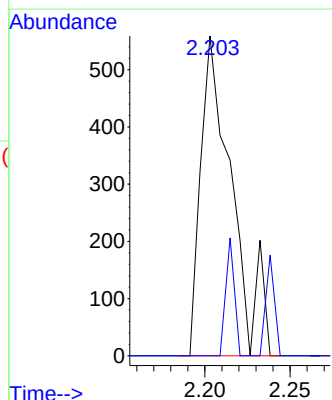
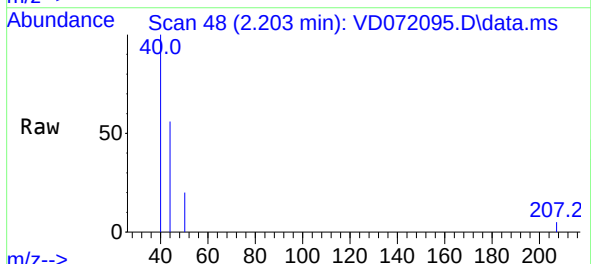
Instrument :
MSVOA_D
ClientSampleId :
GS-5RE

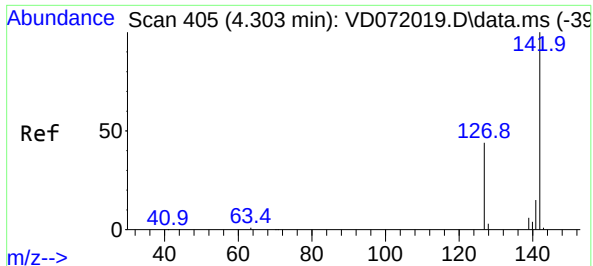
Tgt Ion:168 Resp: 63181
Ion Ratio Lower Upper
168 100
99 59.1 47.1 70.7



#3
Chloromethane
Concen: 1.588 ug/l
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD072095.D
Acq: 25 Feb 2022 12:46

Tgt Ion: 50 Resp: 711
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

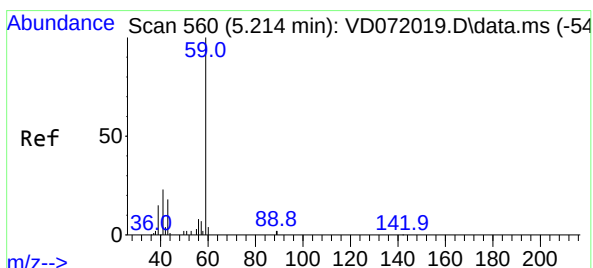
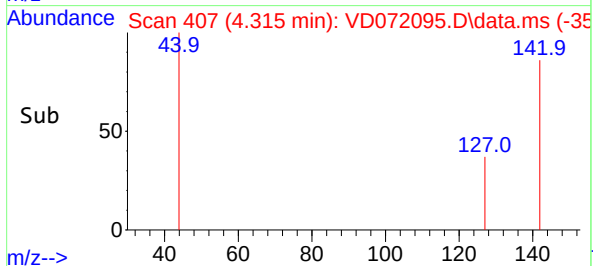
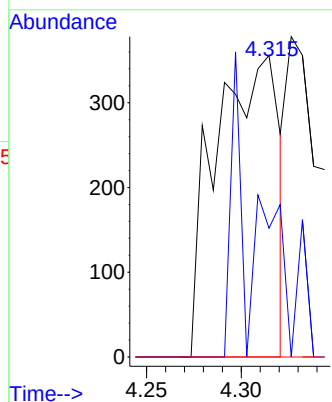
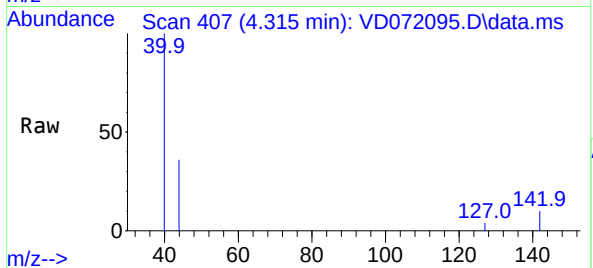




#10
Methyl Iodide
Concen: 4.011 ug/l
RT: 4.315 min Scan# 405
Delta R.T. 0.012 min
Lab File: VD072095.D
Acq: 25 Feb 2022 12:46

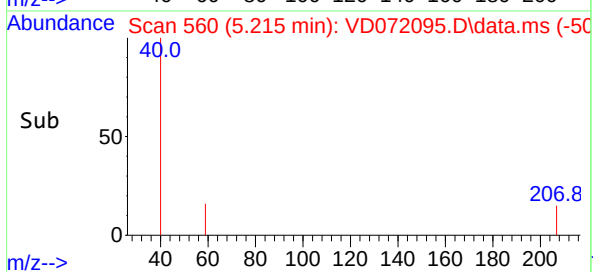
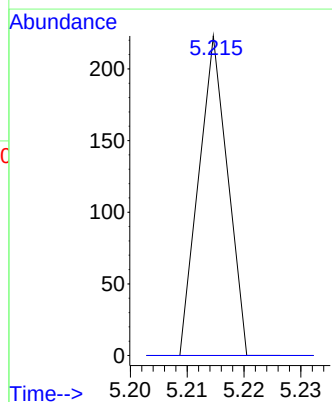
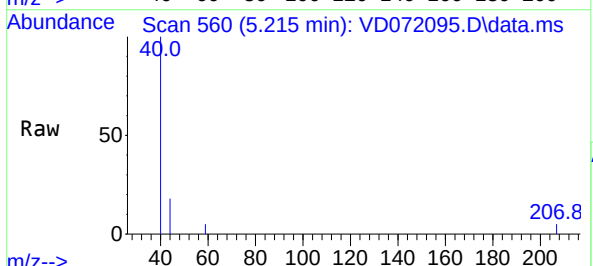
Instrument :
MSVOA_D
ClientSampleId :
GS-5RE

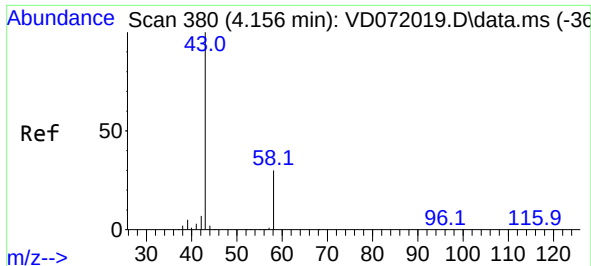
Tgt Ion:142 Resp: 828
Ion Ratio Lower Upper
142 100
127 15.3 35.8 53.8#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 2.113 ug/l
RT: 5.215 min Scan# 560
Delta R.T. 0.000 min
Lab File: VD072095.D
Acq: 25 Feb 2022 12:46

Tgt Ion: 59 Resp: 79
Ion Ratio Lower Upper
59 100
57 0.0 5.4 8.2#

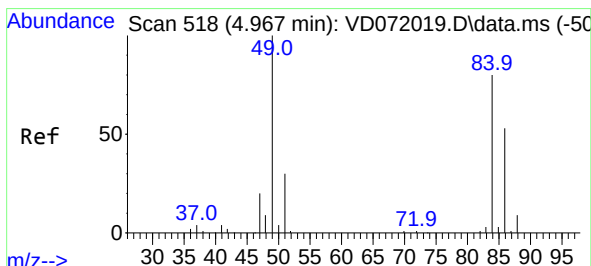
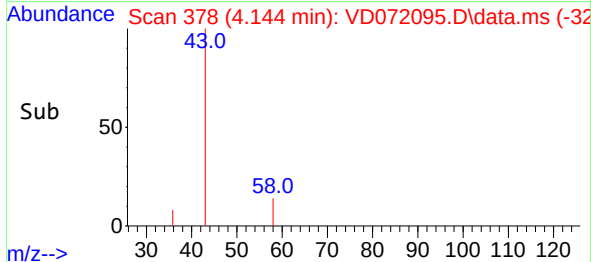
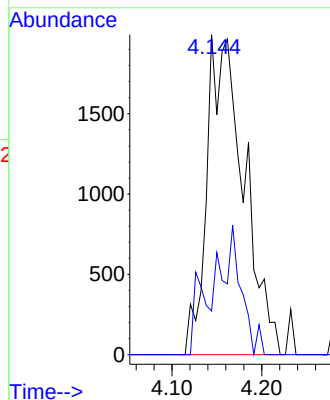
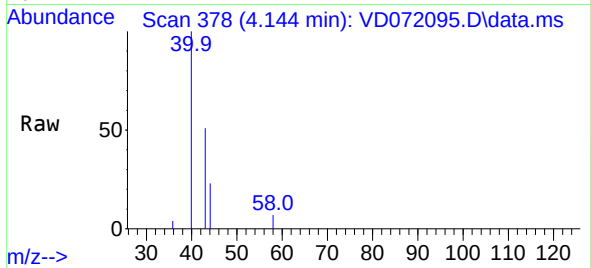




#16
Acetone
Concen: 40.201 ug/l
RT: 4.144 min Scan# 31
Delta R.T. -0.012 min
Lab File: VD072095.D
Acq: 25 Feb 2022 12:46

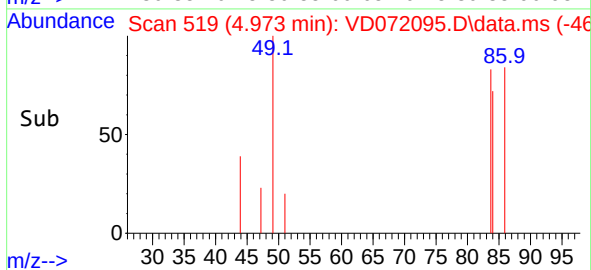
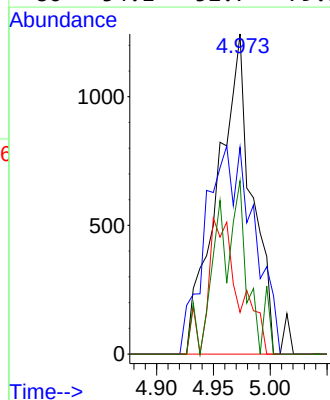
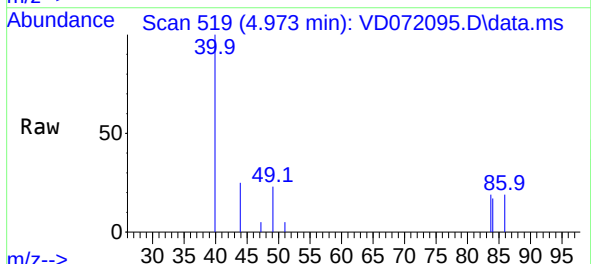
Instrument :
MSVOA_D
ClientSampleId :
GS-5RE

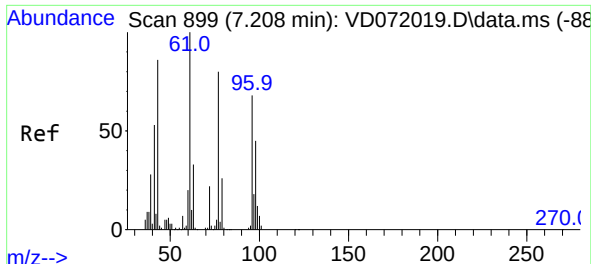
Tgt Ion: 43 Resp: 5694
Ion Ratio Lower Upper
43 100
58 13.7 23.8 35.6#



#20
Methylene Chloride
Concen: 3.737 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.006 min
Lab File: VD072095.D
Acq: 25 Feb 2022 12:46

Tgt Ion: 84 Resp: 2634
Ion Ratio Lower Upper
84 100
49 64.6 100.0 150.0#
51 13.0 30.2 45.4#
86 54.1 52.7 79.1





#25

2-Butanone

Concen: 3.627 ug/l

RT: 7.203 min Scan# 899

Delta R.T. -0.006 min

Lab File: VD072095.D

Acq: 25 Feb 2022 12:46

Instrument :

MSVOA_D

ClientSampleId :

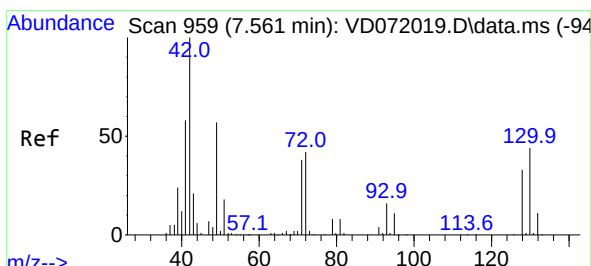
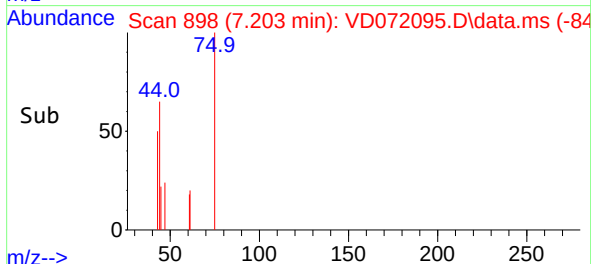
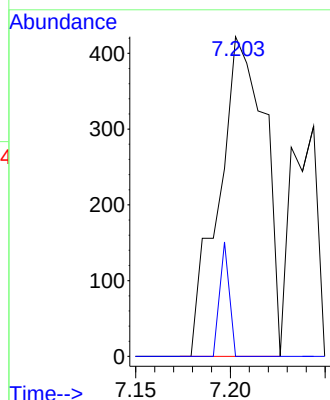
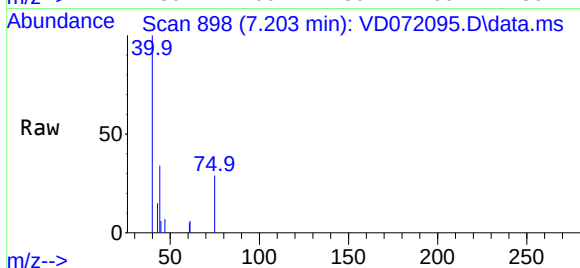
GS-5RE

Tgt Ion: 43 Resp: 710

Ion Ratio Lower Upper

43 100

72 0.0 20.3 30.5#



#29

Tetrahydrofuran

Concen: 2.377 ug/l

RT: 7.562 min Scan# 959

Delta R.T. 0.000 min

Lab File: VD072095.D

Acq: 25 Feb 2022 12:46

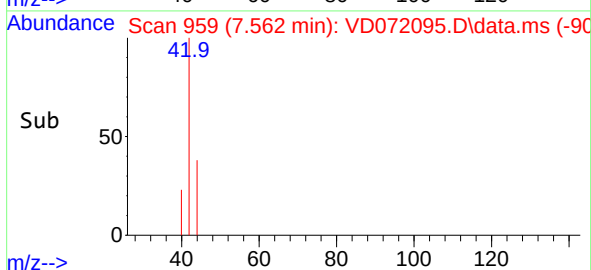
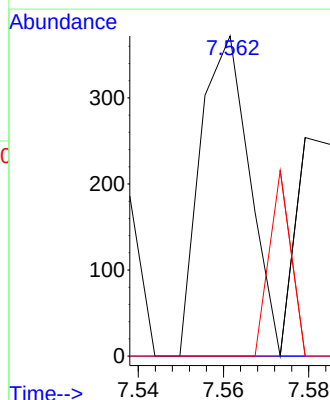
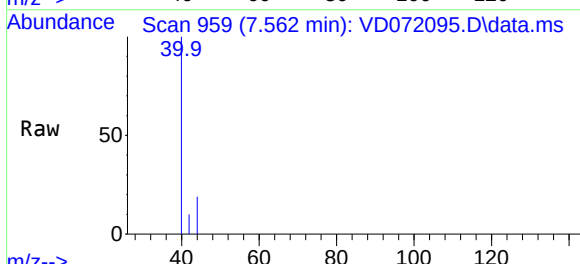
Tgt Ion: 42 Resp: 297

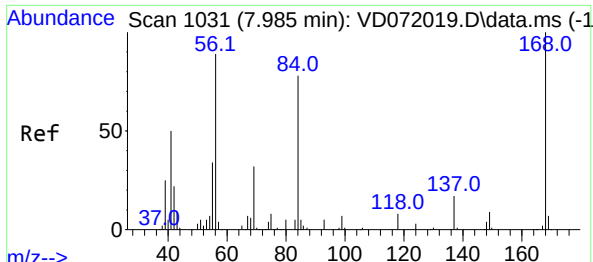
Ion Ratio Lower Upper

42 100

72 0.0 33.6 50.4#

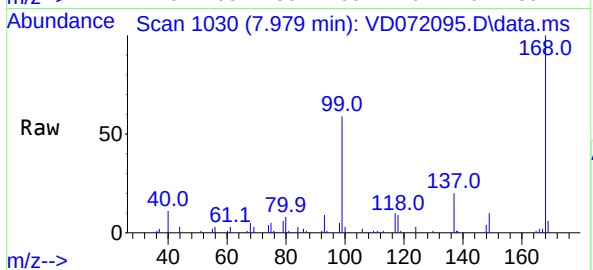
71 0.0 31.0 46.4#



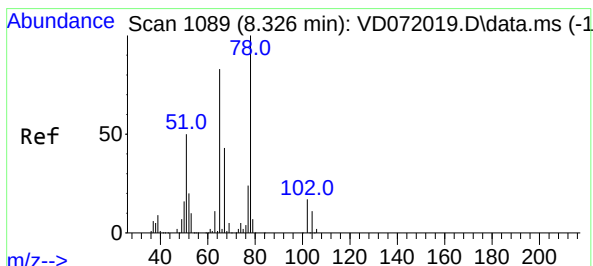
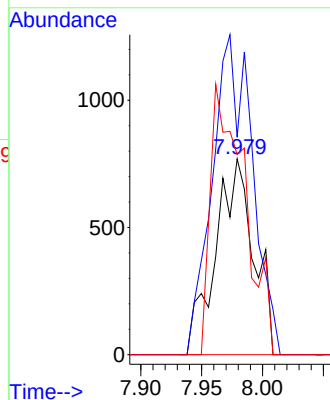
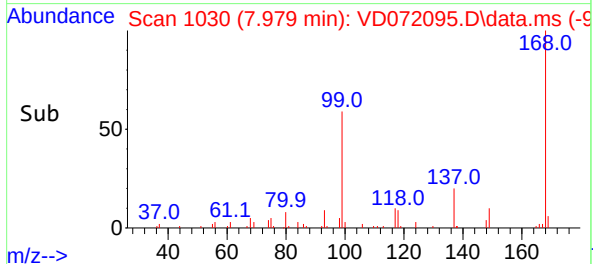


#31
Cyclohexane
Concen: 1.453 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072095.D
Acq: 25 Feb 2022 12:46

Instrument :
MSVOA_D
ClientSampleId :
GS-5RE

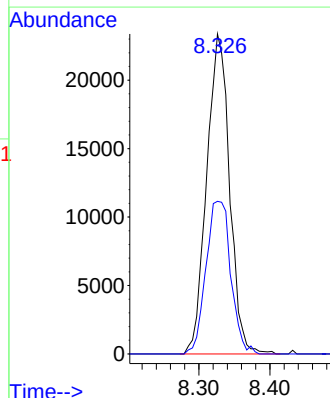
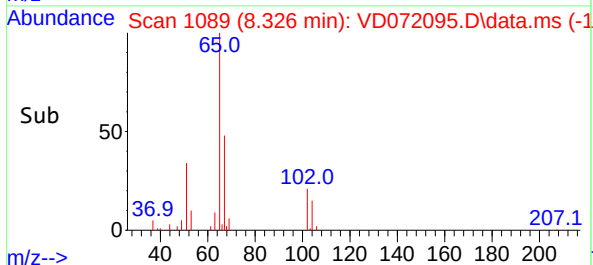
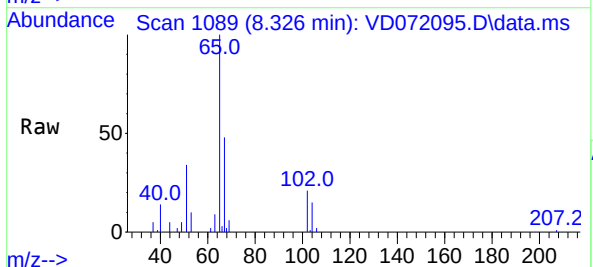


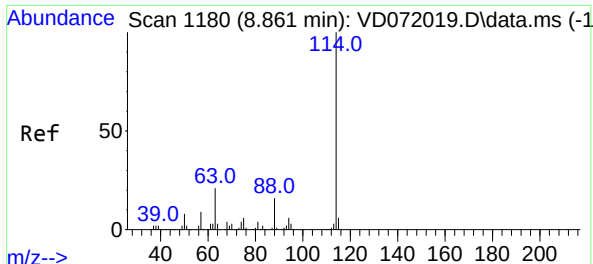
Tgt Ion: 56 Resp: 1682
Ion Ratio Lower Upper
56 100
69 111.0 28.9 43.3#
84 102.2 70.6 105.8



#33
1,2-Dichloroethane-d4
Concen: 79.787 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072095.D
Acq: 25 Feb 2022 12:46

Tgt Ion: 65 Resp: 52290
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.6



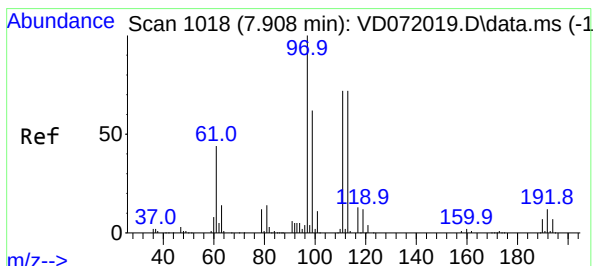
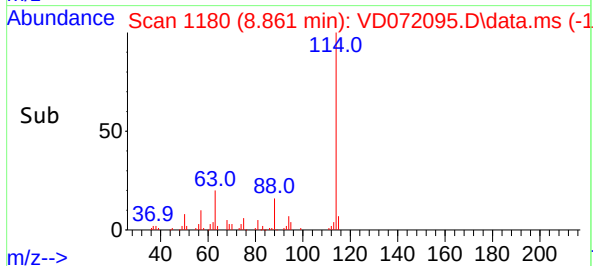
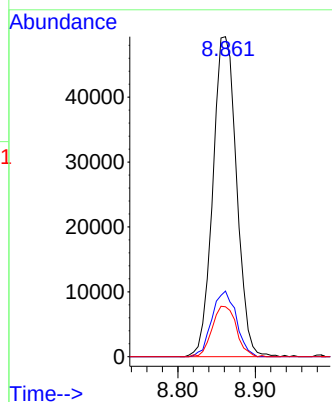
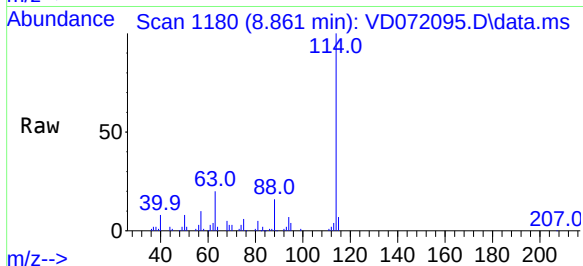


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072095.D
Acq: 25 Feb 2022 12:46

Instrument :
MSVOA_D
ClientSampleId :
GS-5RE

Tgt Ion:114 Resp: 105009

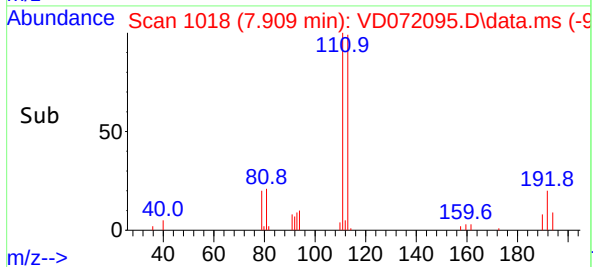
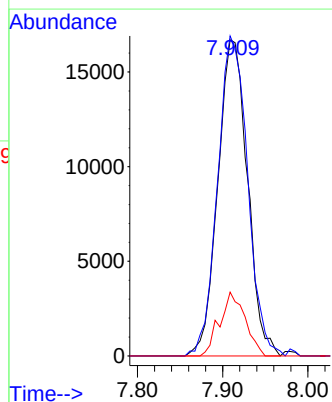
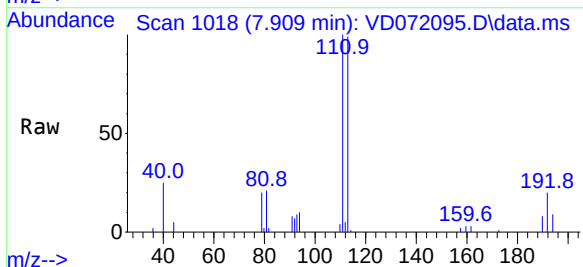
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	42.2
88	15.6	0.0	31.2

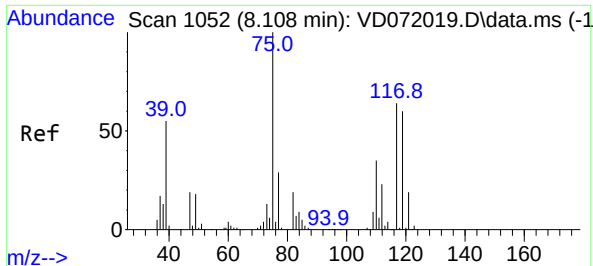


#35
Dibromofluoromethane
Concen: 63.230 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072095.D
Acq: 25 Feb 2022 12:46

Tgt Ion:113 Resp: 40228

Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.0	124.4
192	17.4	15.3	22.9





#36

1,1-Dichloropropene

Concen: 5.407 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD072095.D

Acq: 25 Feb 2022 12:46

Instrument :

MSVOA_D

ClientSampleId :

GS-5RE

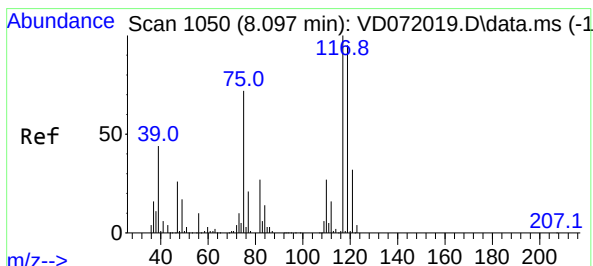
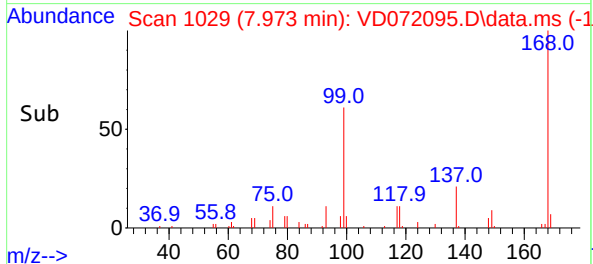
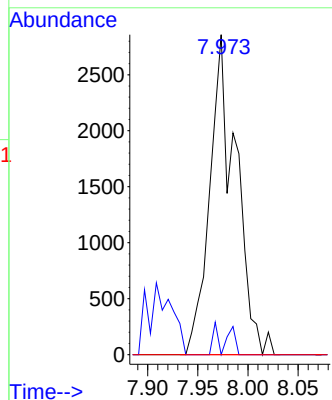
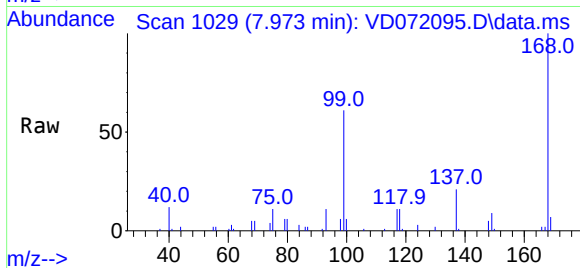
Tgt Ion: 75 Resp: 5211

Ion Ratio Lower Upper

75 100

110 2.0 17.7 53.1#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 7.006 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.129 min

Lab File: VD072095.D

Acq: 25 Feb 2022 12:46

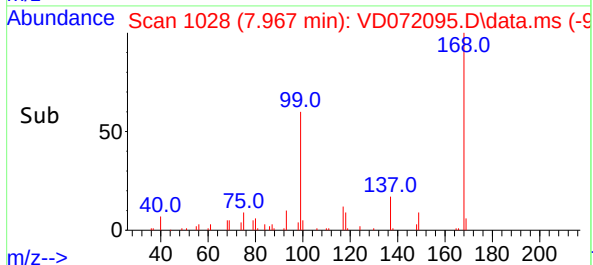
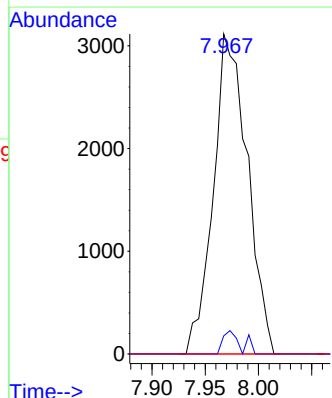
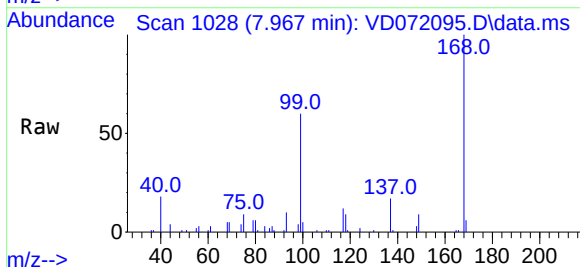
Tgt Ion: 117 Resp: 6920

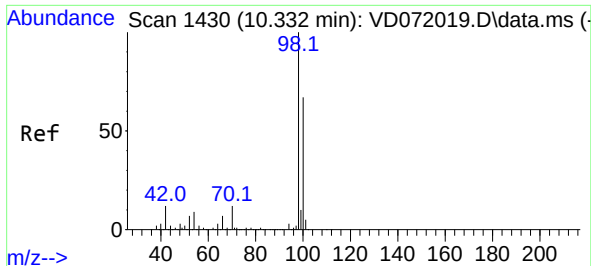
Ion Ratio Lower Upper

117 100

119 5.6 75.8 113.8#

121 0.0 25.8 38.6#

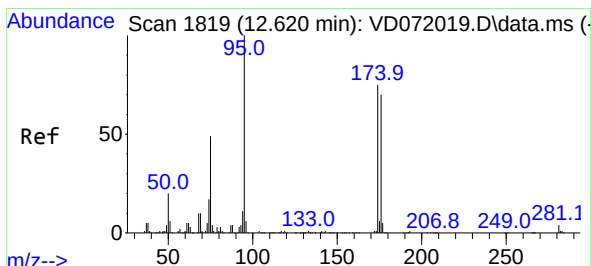
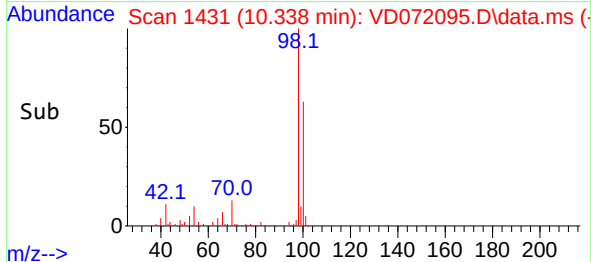
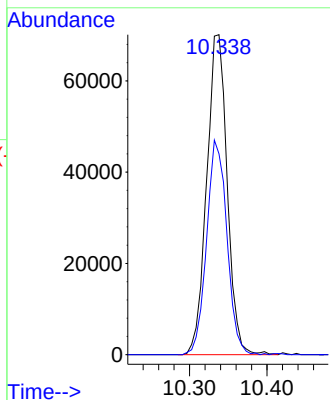
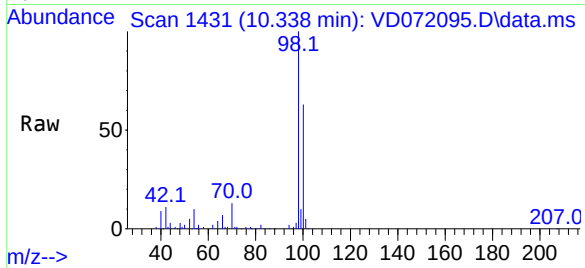




#50
Toluene-d8
Concen: 54.644 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072095.D
Acq: 25 Feb 2022 12:46

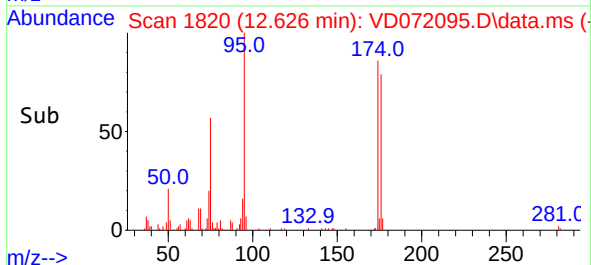
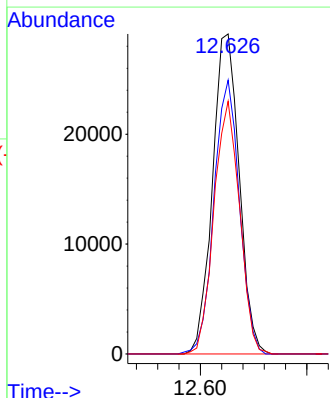
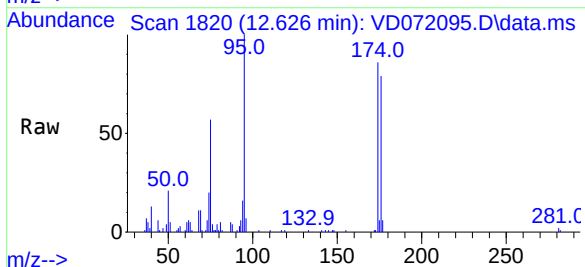
Instrument :
MSVOA_D
ClientSampleId :
GS-5RE

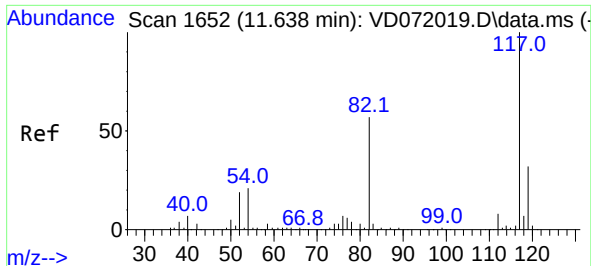
Tgt Ion: 98 Resp: 128925
Ion Ratio Lower Upper
98 100
100 66.4 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 58.445 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072095.D
Acq: 25 Feb 2022 12:46

Tgt Ion: 95 Resp: 50652
Ion Ratio Lower Upper
95 100
174 81.5 0.0 155.0
176 75.8 0.0 148.8

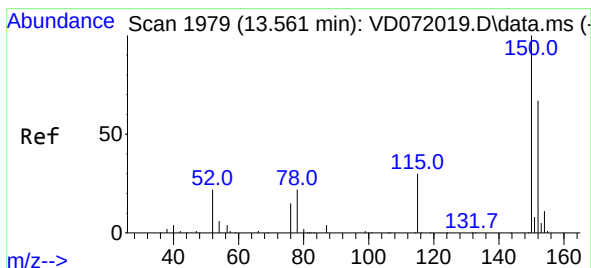
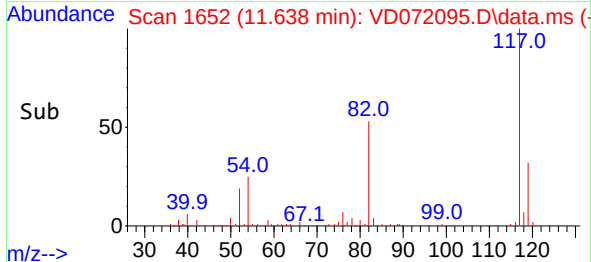
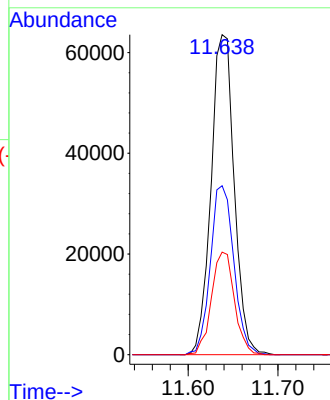
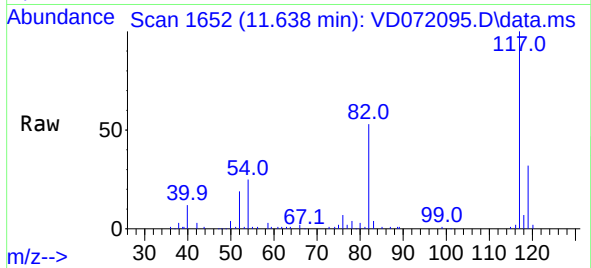




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072095.D
Acq: 25 Feb 2022 12:46

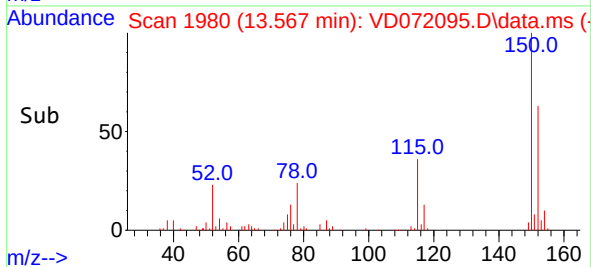
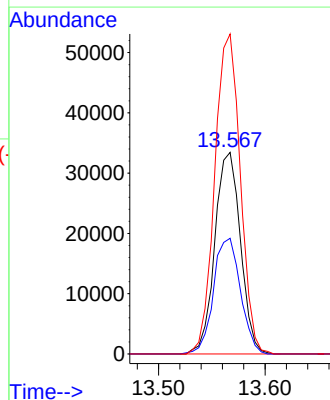
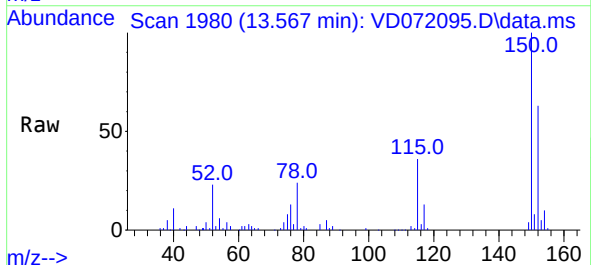
Instrument :
MSVOA_D
ClientSampleId :
GS-5RE

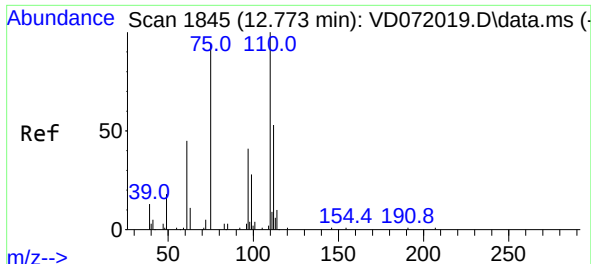
Tgt Ion:117 Resp: 114062
Ion Ratio Lower Upper
117 100
82 52.8 45.4 68.0
119 32.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD072095.D
Acq: 25 Feb 2022 12:46

Tgt Ion:152 Resp: 55873
Ion Ratio Lower Upper
152 100
115 60.3 29.9 89.7
150 158.1 0.0 347.6

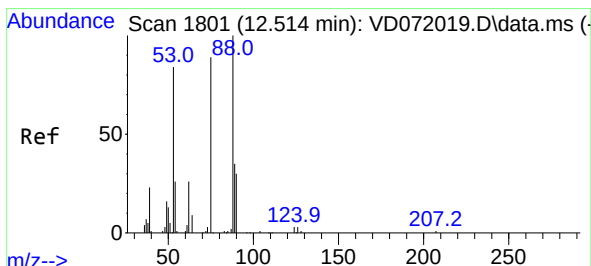
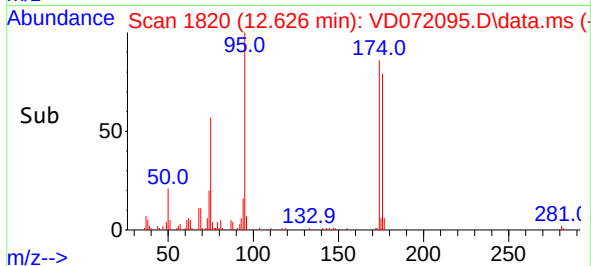
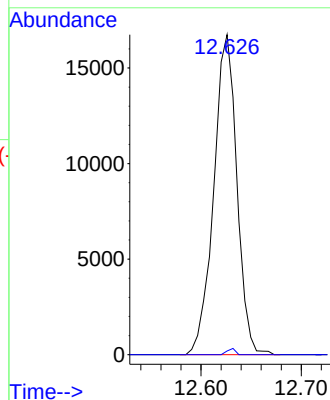
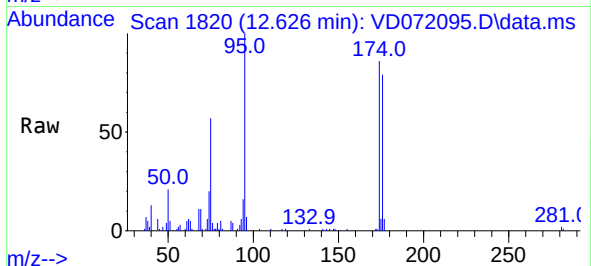




#76
1,2,3-Trichloropropane
Concen: 50.627 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072095.D
Acq: 25 Feb 2022 12:46

Instrument :
MSVOA_D
ClientSampleId :
GS-5RE

Tgt Ion: 75 Resp: 26794
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.781 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.112 min
Lab File: VD072095.D
Acq: 25 Feb 2022 12:46

Tgt Ion: 75 Resp: 26794
Ion Ratio Lower Upper
75 100
53 0.0 80.2 120.4#
89 0.3 36.4 54.6#

