

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031722\
 Data File : VD072242.D
 Acq On : 17 Mar 2022 13:49
 Operator : VA/SY
 Sample : N1922-01
 Misc : 5.59G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 7PH-1-7.5-8

Quant Time: Mar 18 04:29:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

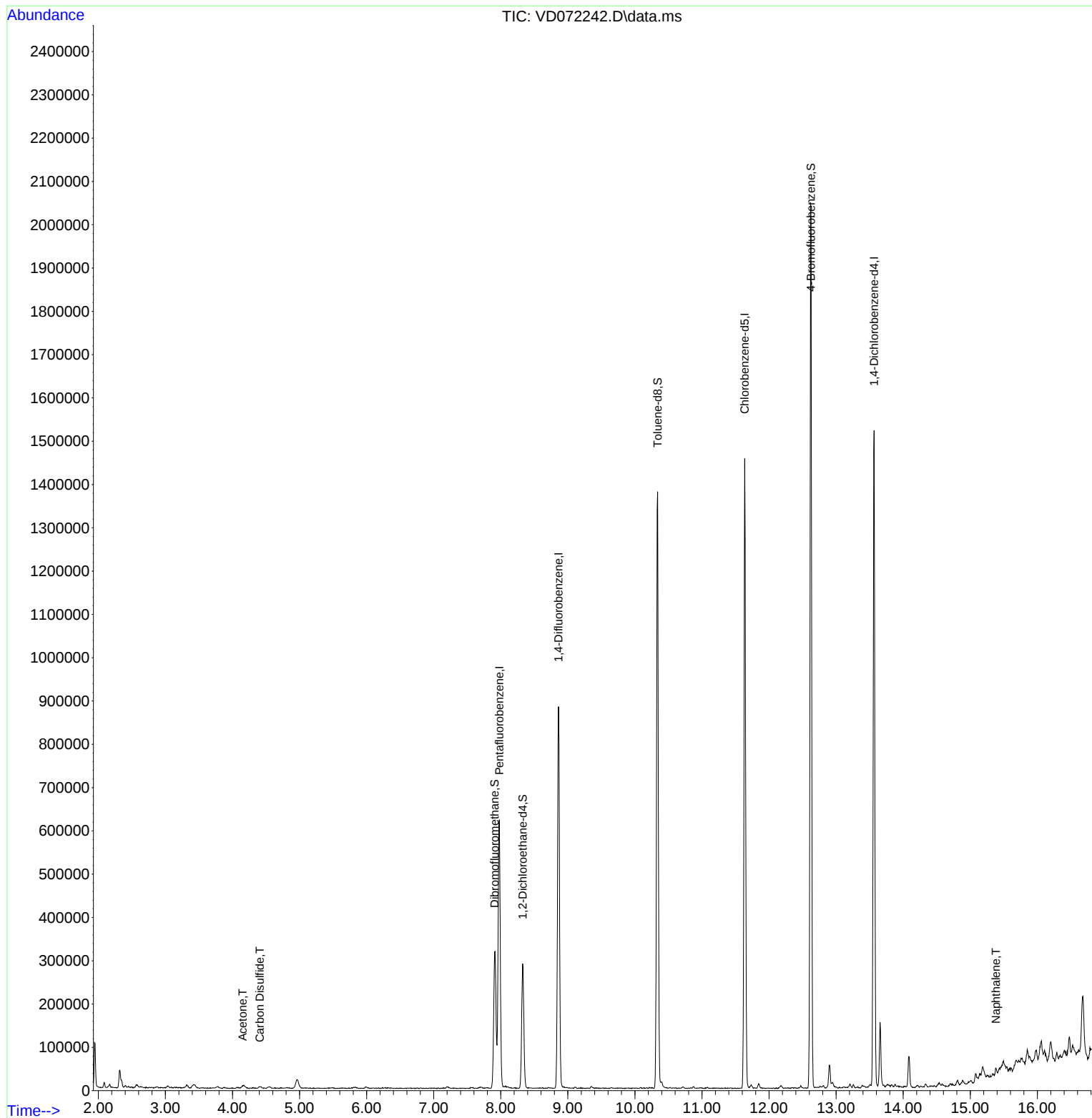
Internal Standards						
1) Pentafluorobenzene	7.979	168	452823	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	752840	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	801041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	406685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	230620	45.699	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.400%		
35) Dibromofluoromethane	7.908	113	232183	43.826	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.660%		
50) Toluene-d8	10.338	98	926076	47.806	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	95.620%		
62) 4-Bromofluorobenzene	12.626	95	414950	55.129	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	110.260%		
Target Compounds					Qvalue	
16) Acetone	4.150	43	11668	10.649	ug/l	99
17) Carbon Disulfide	4.409	76	6963	2.196	ug/l #	82
95) Naphthalene	15.384	128	17713	1.171	ug/l #	96

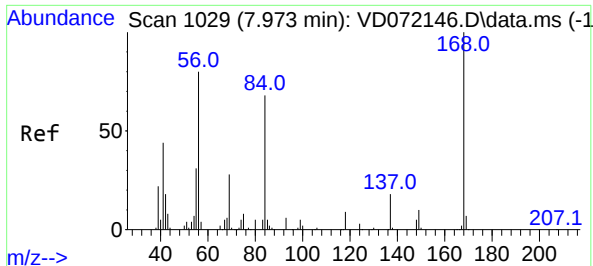
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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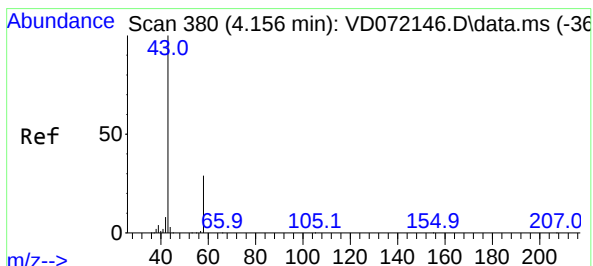
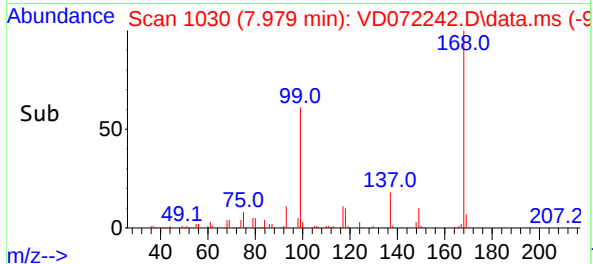
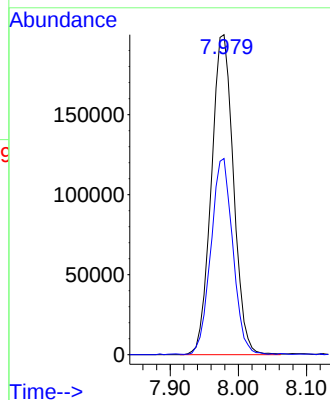
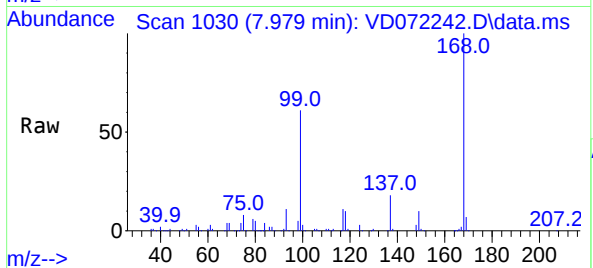




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072242.D
Acq: 17 Mar 2022 13:49

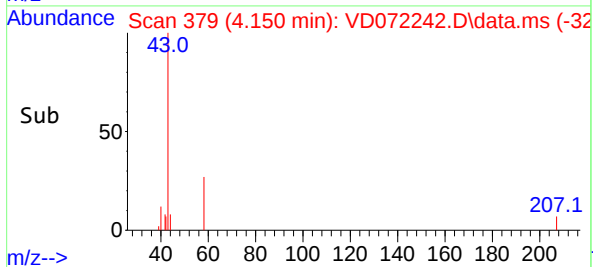
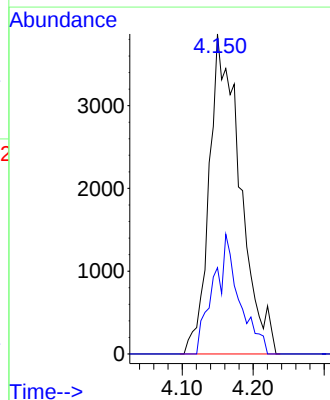
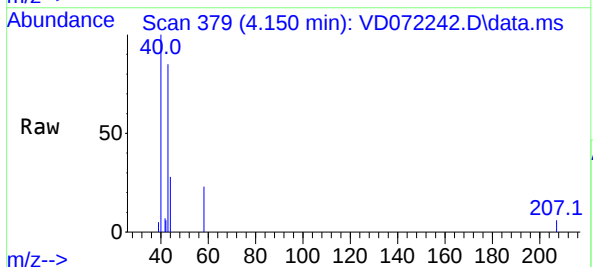
Instrument :
MSVOA_D
ClientSampleId :
7PH-1-7.5-8

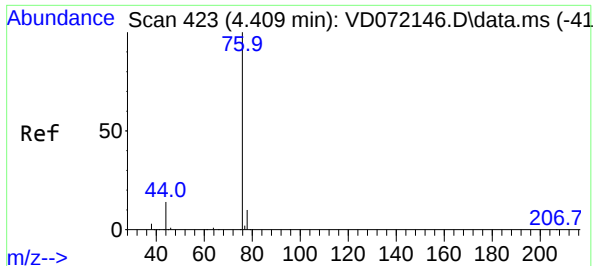
Tgt Ion:168 Resp: 452823
Ion Ratio Lower Upper
168 100
99 61.1 49.8 74.6



#16
Acetone
Concen: 10.649 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD072242.D
Acq: 17 Mar 2022 13:49

Tgt Ion: 43 Resp: 11668
Ion Ratio Lower Upper
43 100
58 27.0 22.1 33.1

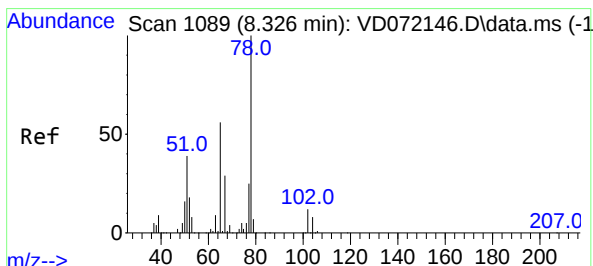
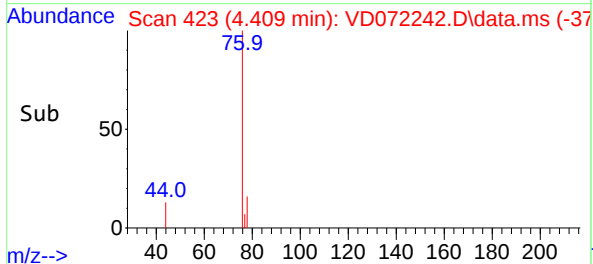
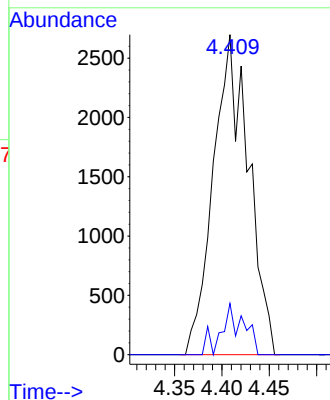
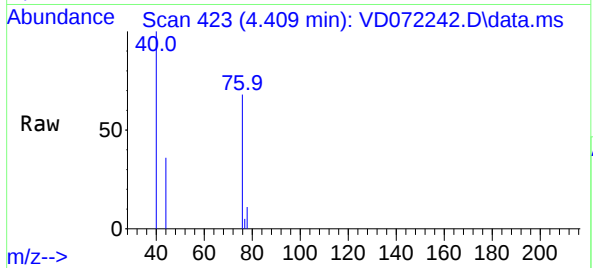




#17
Carbon Disulfide
Concen: 2.196 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072242.D
Acq: 17 Mar 2022 13:49

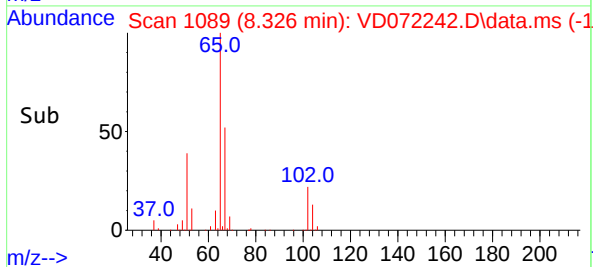
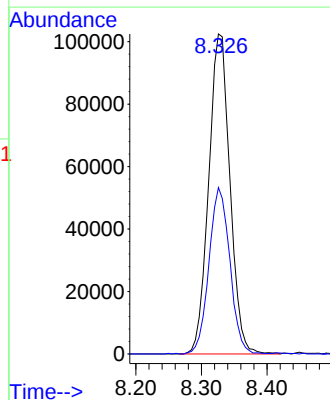
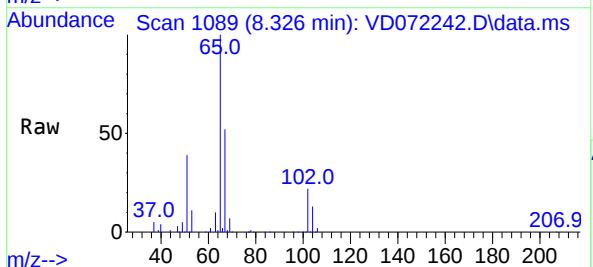
Instrument :
MSVOA_D
ClientSampleId :
7PH-1-7.5-8

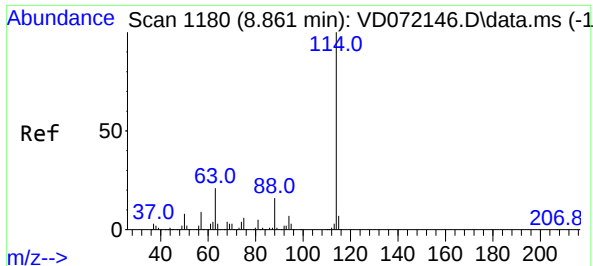
Tgt Ion: 76 Resp: 6963
Ion Ratio Lower Upper
76 100
78 16.0 7.5 11.3#



#33
1,2-Dichloroethane-d4
Concen: 45.699 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072242.D
Acq: 17 Mar 2022 13:49

Tgt Ion: 65 Resp: 230620
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072242.D

Acq: 17 Mar 2022 13:49

Instrument :

MSVOA_D

ClientSampleId :

7PH-1-7.5-8

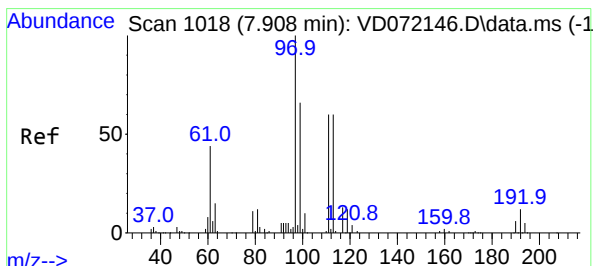
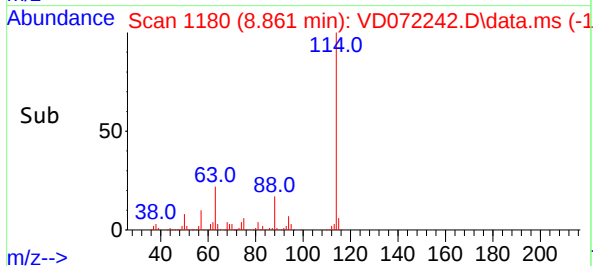
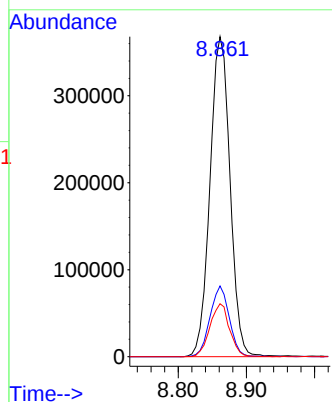
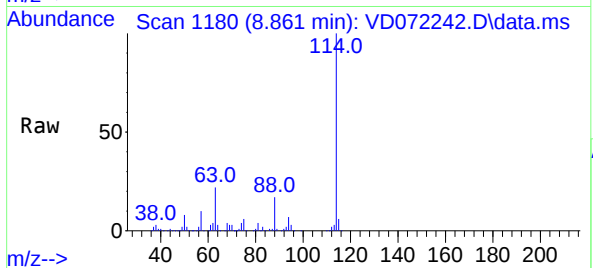
Tgt Ion:114 Resp: 752840

Ion Ratio Lower Upper

114 100

63 22.1 0.0 46.6

88 16.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 43.826 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072242.D

Acq: 17 Mar 2022 13:49

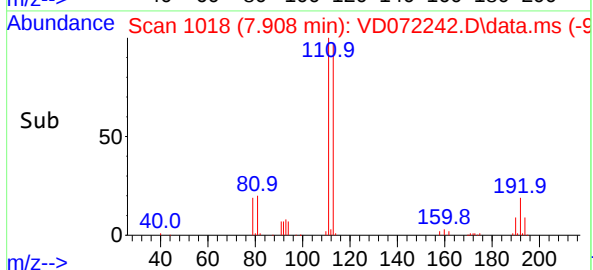
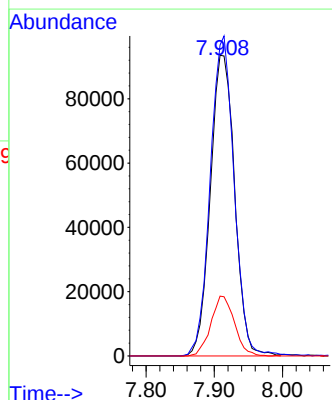
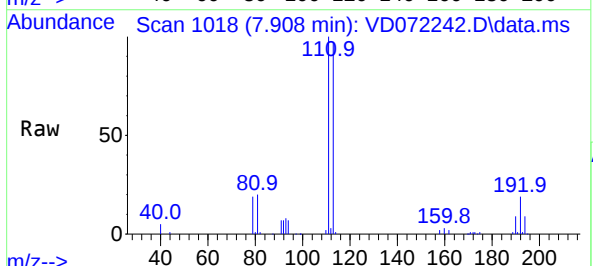
Tgt Ion:113 Resp: 232183

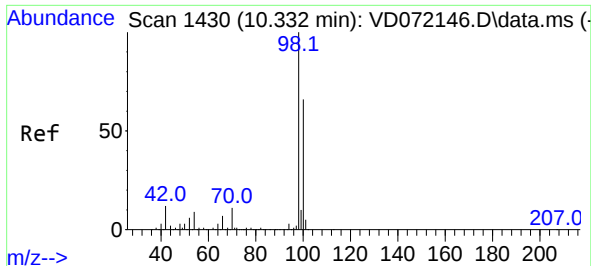
Ion Ratio Lower Upper

113 100

111 104.6 83.8 125.6

192 19.2 14.6 21.8

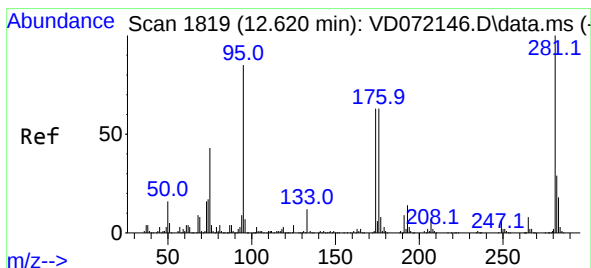
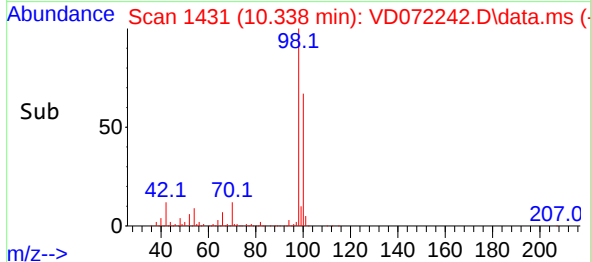
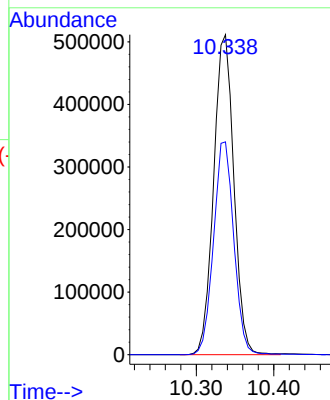
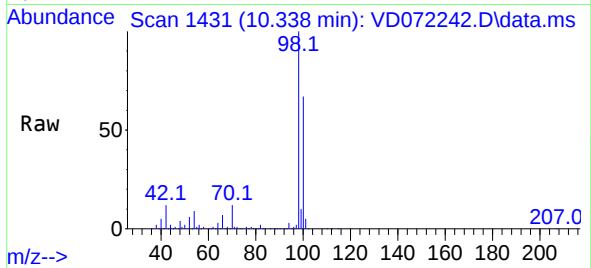




#50
Toluene-d8
Concen: 47.806 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072242.D
Acq: 17 Mar 2022 13:49

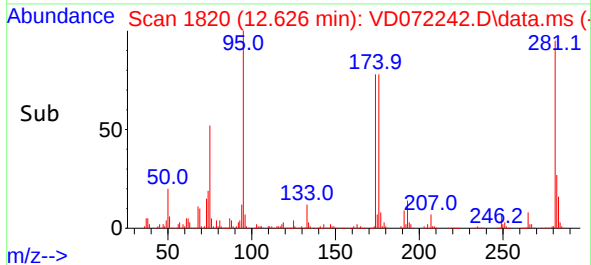
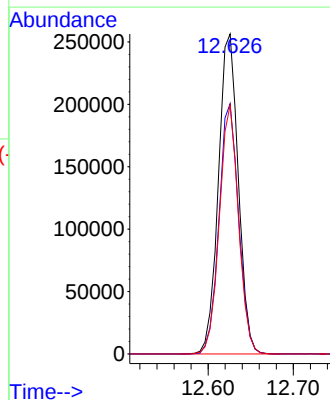
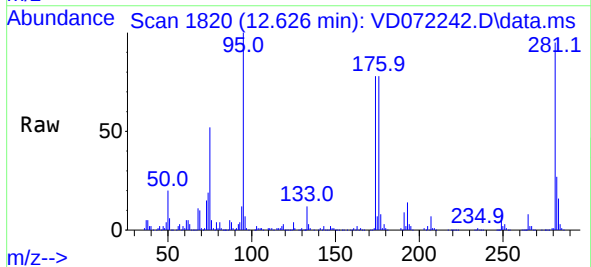
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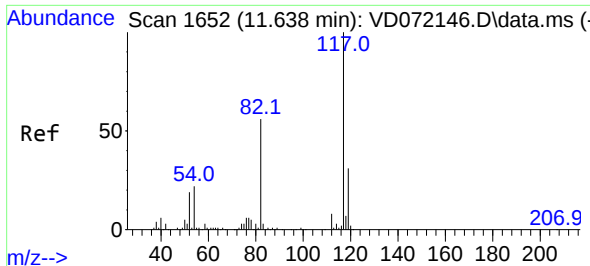
Tgt Ion: 98 Resp: 926076
Ion Ratio Lower Upper
98 100
100 66.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 55.129 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072242.D
Acq: 17 Mar 2022 13:49

Tgt Ion: 95 Resp: 414950
Ion Ratio Lower Upper
95 100
174 77.4 0.0 152.8
176 74.7 0.0 145.4

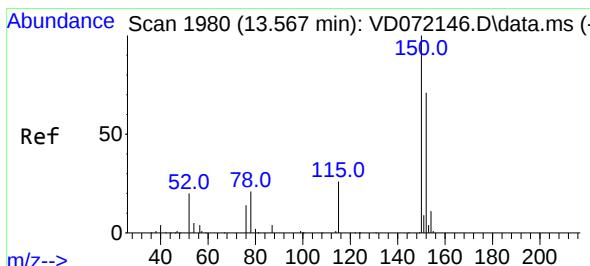
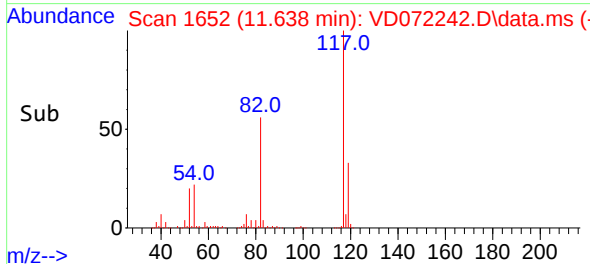
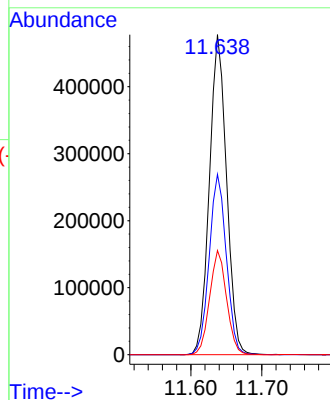
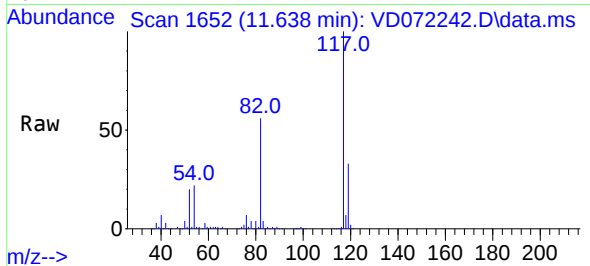




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD072242.D
Acq: 17 Mar 2022 13:49

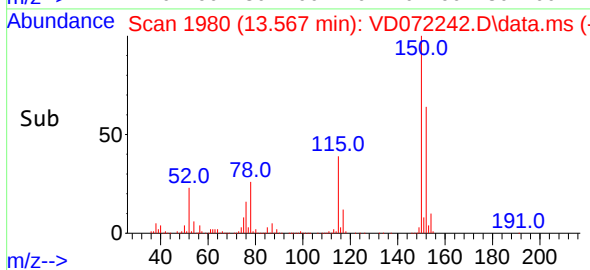
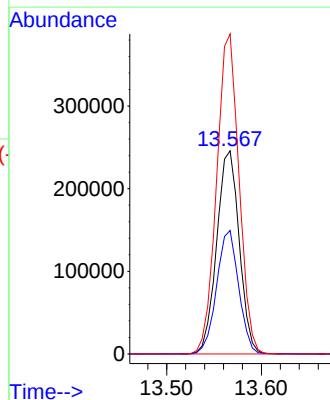
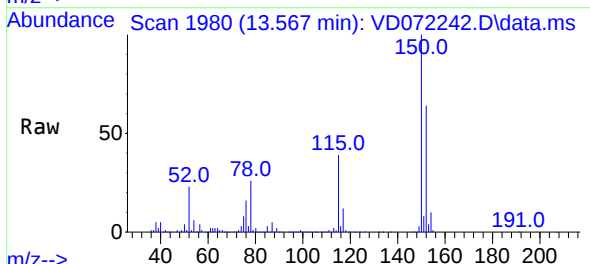
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7PH-1-7.5-8

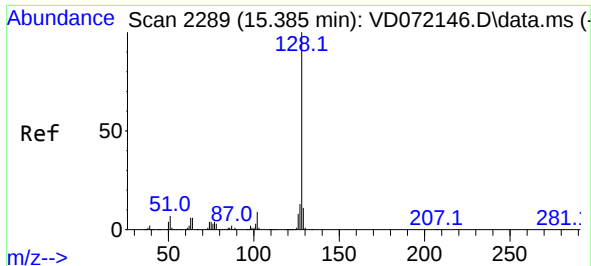
Tgt Ion:117 Resp: 801041
Ion Ratio Lower Upper
117 100
82 56.4 45.3 67.9
119 32.6 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072242.D
Acq: 17 Mar 2022 13:49

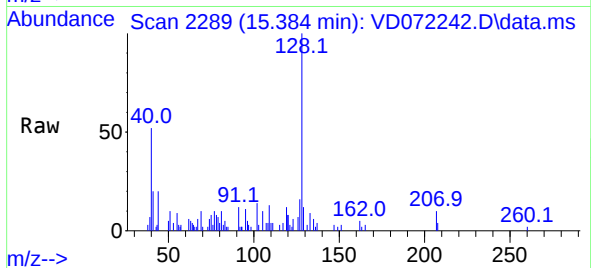
Tgt Ion:152 Resp: 406685
Ion Ratio Lower Upper
152 100
115 59.7 31.3 93.8
150 156.3 0.0 348.6





#95
Naphthalene
Concen: 1.171 ug/l
RT: 15.384 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD072242.D
Acq: 17 Mar 2022 13:49

Instrument :
MSVOA_D
ClientSampleId :
7PH-1-7.5-8



Tgt Ion:128 Resp: 17713
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 13.4 8.4 12.6#

