

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
 Data File : VD072208.D
 Acq On : 16 Mar 2022 01:16
 Operator : VA/SY
 Sample : N1922-01
 Misc : 5.62G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

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

Quant Time: Mar 16 03:45:00 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)

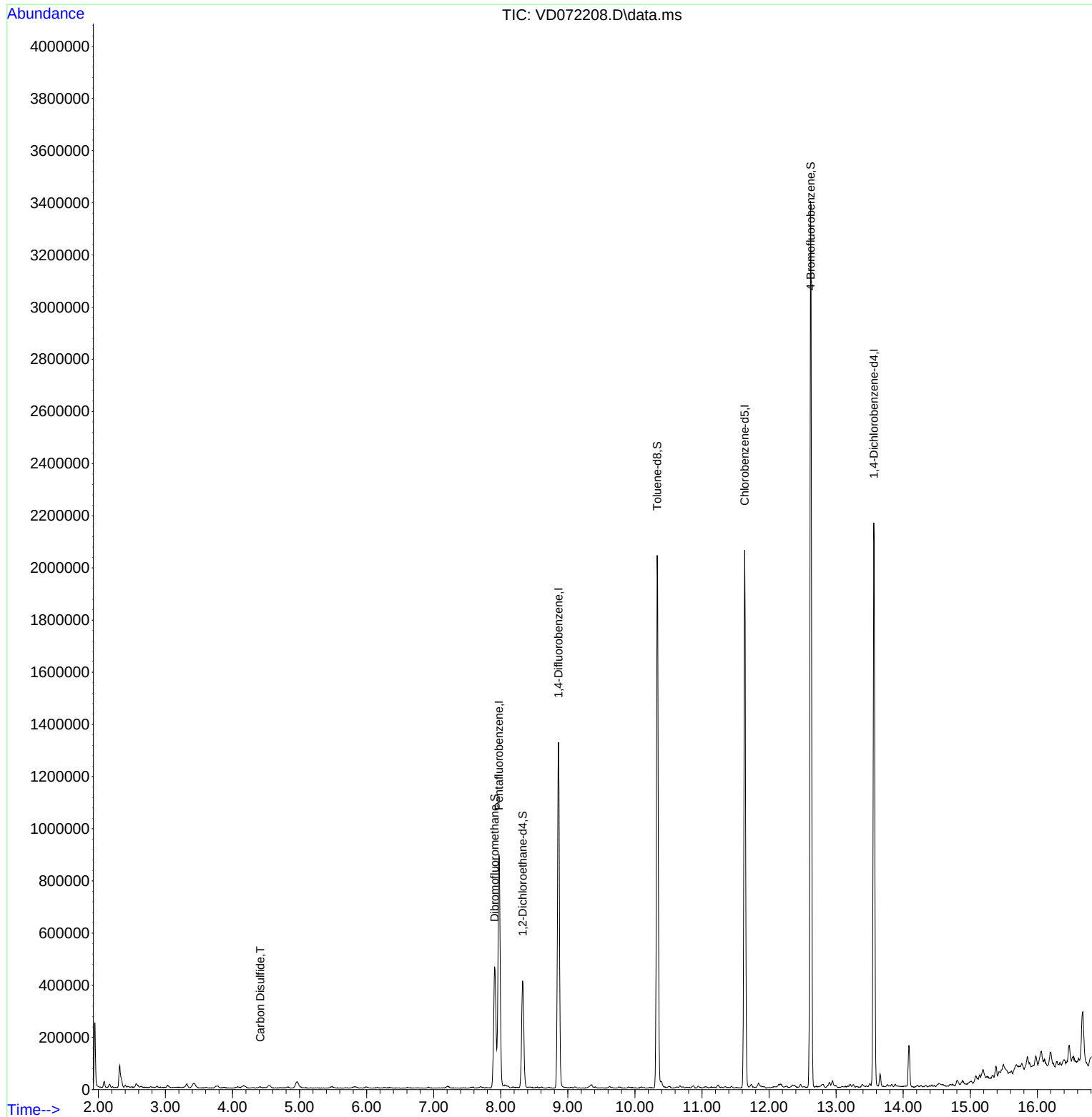
Internal Standards						
1) Pentafluorobenzene	7.973	168	662460	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1121550	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1164590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	577114	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	331109	44.849	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.700%
35) Dibromofluoromethane	7.908	113	346550	43.909	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.820%
50) Toluene-d8	10.332	98	1385641	48.015	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.020%
62) 4-Bromofluorobenzene	12.620	95	597459	53.282	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.560%
Target Compounds						
17) Carbon Disulfide	4.414	76	8587	2.087	ug/l	# 89

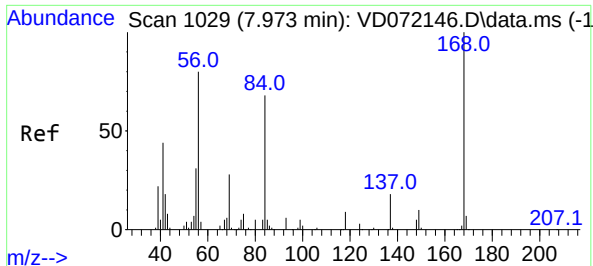
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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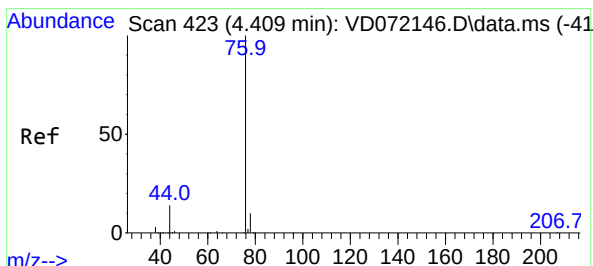
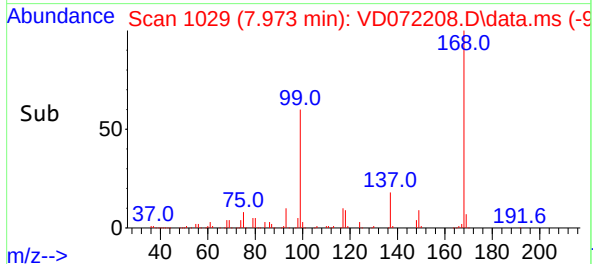
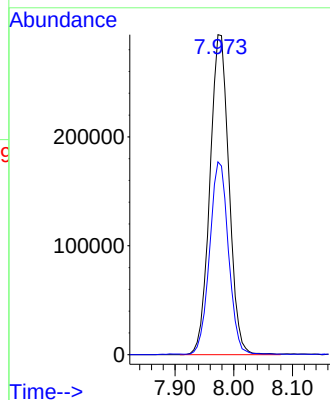
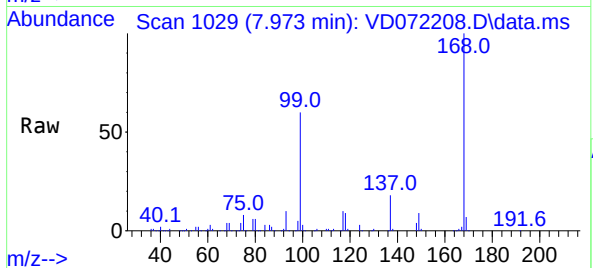




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072208.D
Acq: 16 Mar 2022 01:16

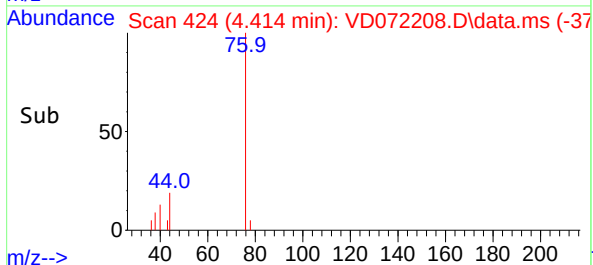
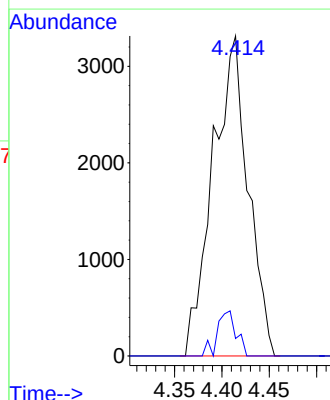
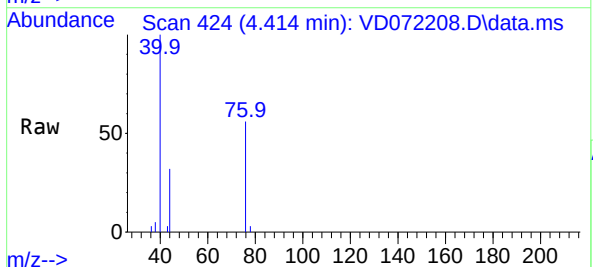
Instrument :
MSVOA_D
ClientSampleId :
7PH-1-7.5-8

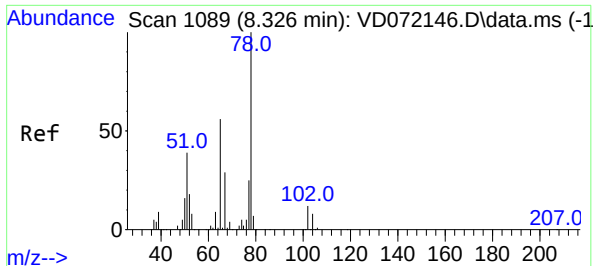
Tgt Ion:168 Resp: 662460
Ion Ratio Lower Upper
168 100
99 60.1 49.8 74.6



#17
Carbon Disulfide
Concen: 2.087 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.005 min
Lab File: VD072208.D
Acq: 16 Mar 2022 01:16

Tgt Ion: 76 Resp: 8587
Ion Ratio Lower Upper
76 100
78 5.5 7.5 11.3#





#33

1,2-Dichloroethane-d4

Concen: 44.849 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072208.D

Acq: 16 Mar 2022 01:16

Instrument :

MSVOA_D

ClientSampleId :

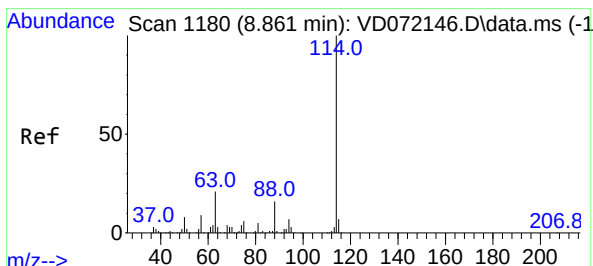
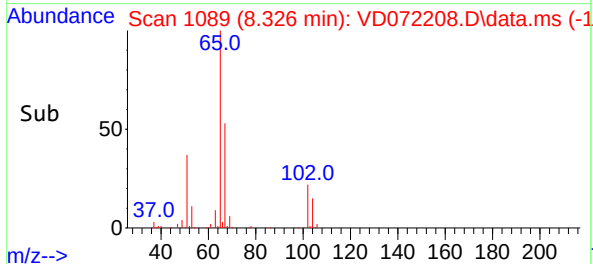
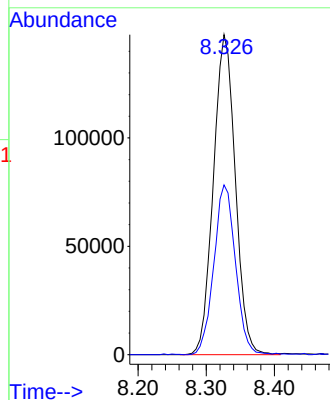
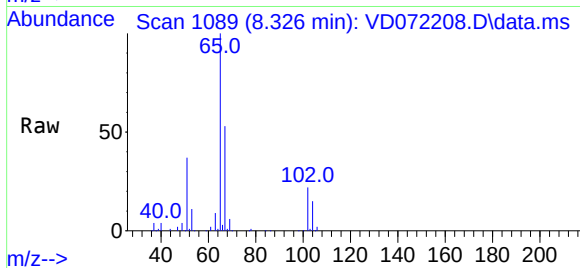
7PH-1-7.5-8

Tgt Ion: 65 Resp: 331109

Ion Ratio Lower Upper

65 100

67 52.2 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: VD072208.D

Acq: 16 Mar 2022 01:16

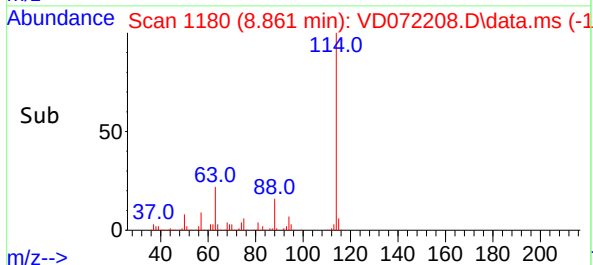
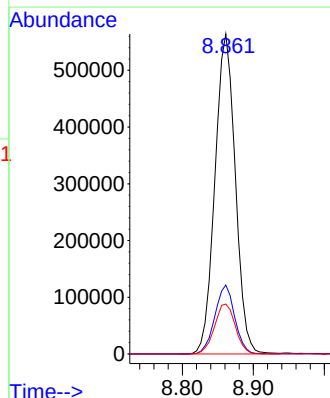
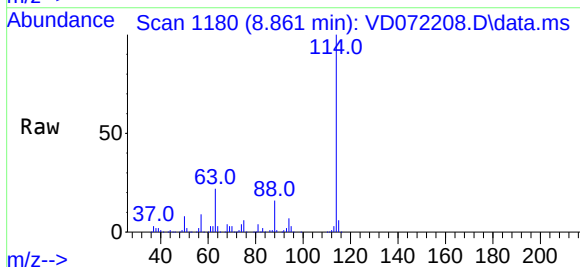
Tgt Ion: 114 Resp: 1121550

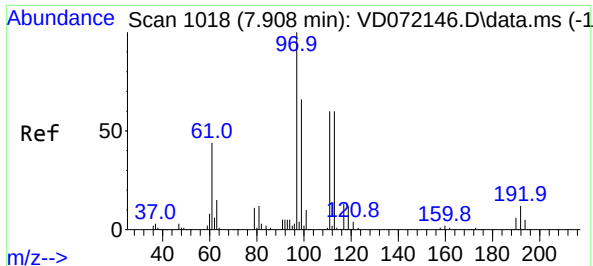
Ion Ratio Lower Upper

114 100

63 21.6 0.0 46.6

88 15.6 0.0 33.2

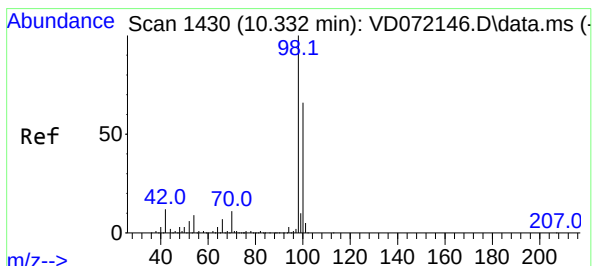
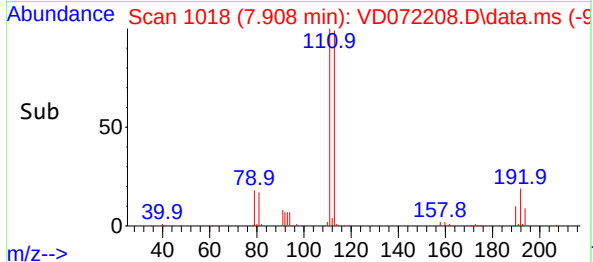
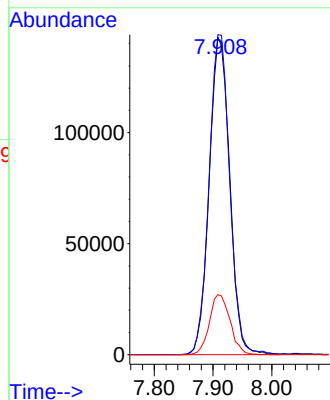
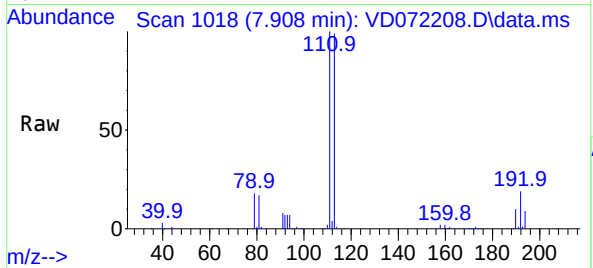




#35
Dibromofluoromethane
Concen: 43.909 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072208.D
Acq: 16 Mar 2022 01:16

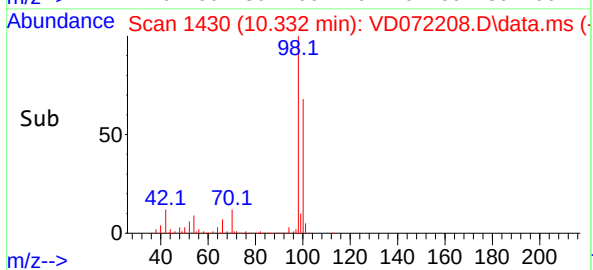
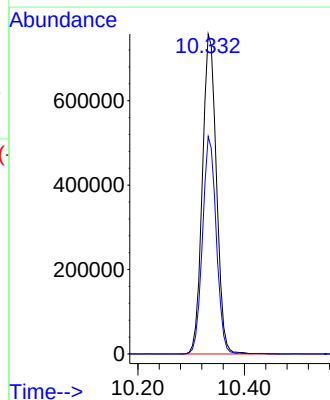
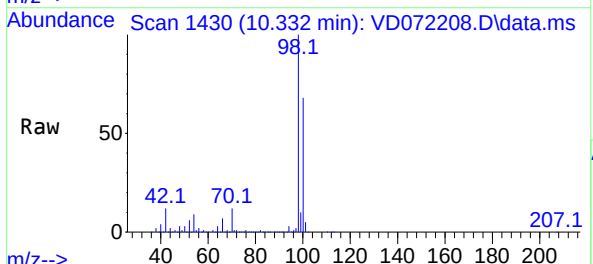
Instrument :
MSVOA_D
ClientSampleId :
7PH-1-7.5-8

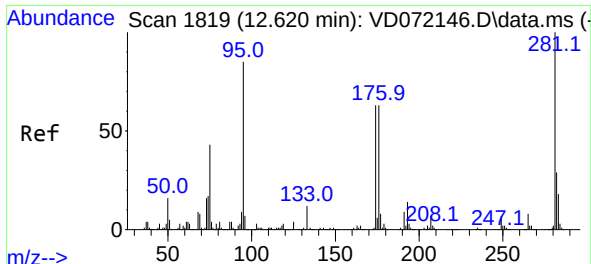
Tgt Ion:113 Resp: 346550
Ion Ratio Lower Upper
113 100
111 101.7 83.8 125.6
192 19.0 14.6 21.8



#50
Toluene-d8
Concen: 48.015 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072208.D
Acq: 16 Mar 2022 01:16

Tgt Ion: 98 Resp: 1385641
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6

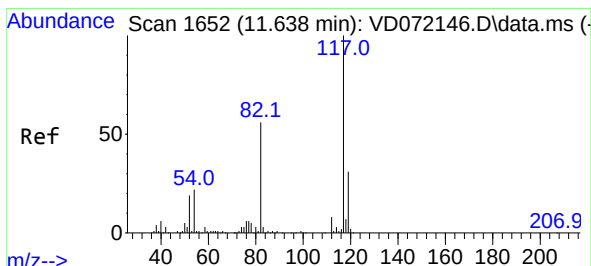
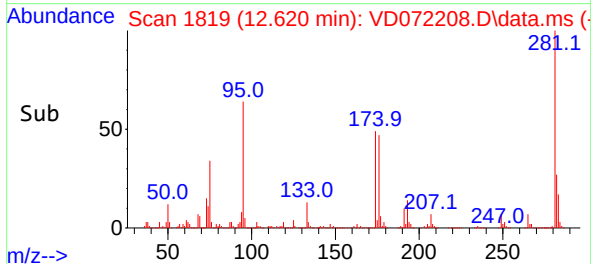
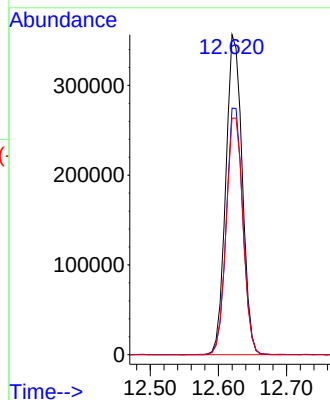
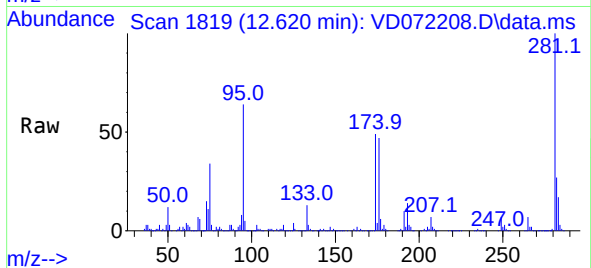




#62
4-Bromofluorobenzene
Concen: 53.282 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072208.D
Acq: 16 Mar 2022 01:16

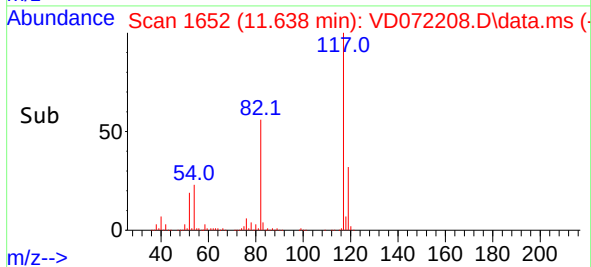
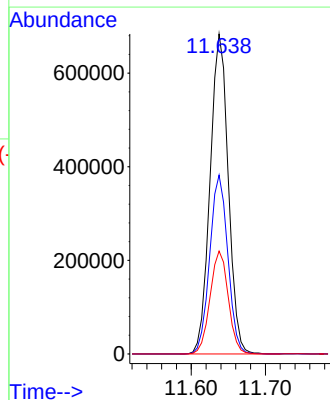
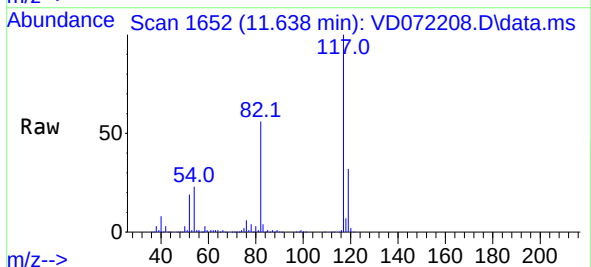
Instrument :
MSVOA_D
ClientSampleId :
7PH-1-7.5-8

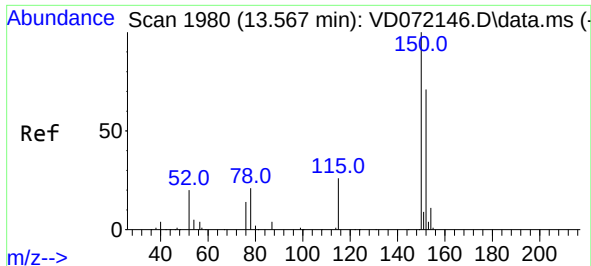
Tgt Ion: 95 Resp: 597459
Ion Ratio Lower Upper
95 100
174 77.4 0.0 152.8
176 75.6 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072208.D
Acq: 16 Mar 2022 01:16

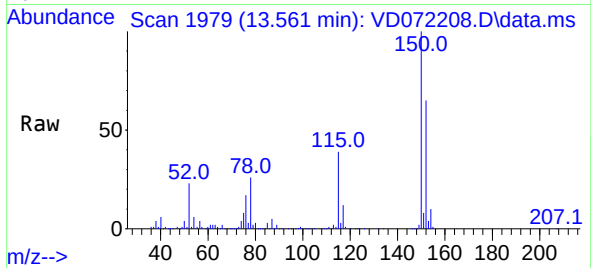
Tgt Ion: 117 Resp: 1164590
Ion Ratio Lower Upper
117 100
82 55.9 45.3 67.9
119 32.2 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1980
 Delta R.T. -0.006 min
 Lab File: VD072208.D
 Acq: 16 Mar 2022 01:16

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



Tgt Ion:152 Resp: 577114

Ion	Ratio	Lower	Upper
152	100		
115	59.6	31.3	93.8
150	157.2	0.0	348.6

