

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
 Data File : VD072209.D
 Acq On : 16 Mar 2022 01:44
 Operator : VA/SY
 Sample : N1922-02
 Misc : 5.29G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 7PH-2-8.5-9

Quant Time: Mar 16 03:45:11 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)

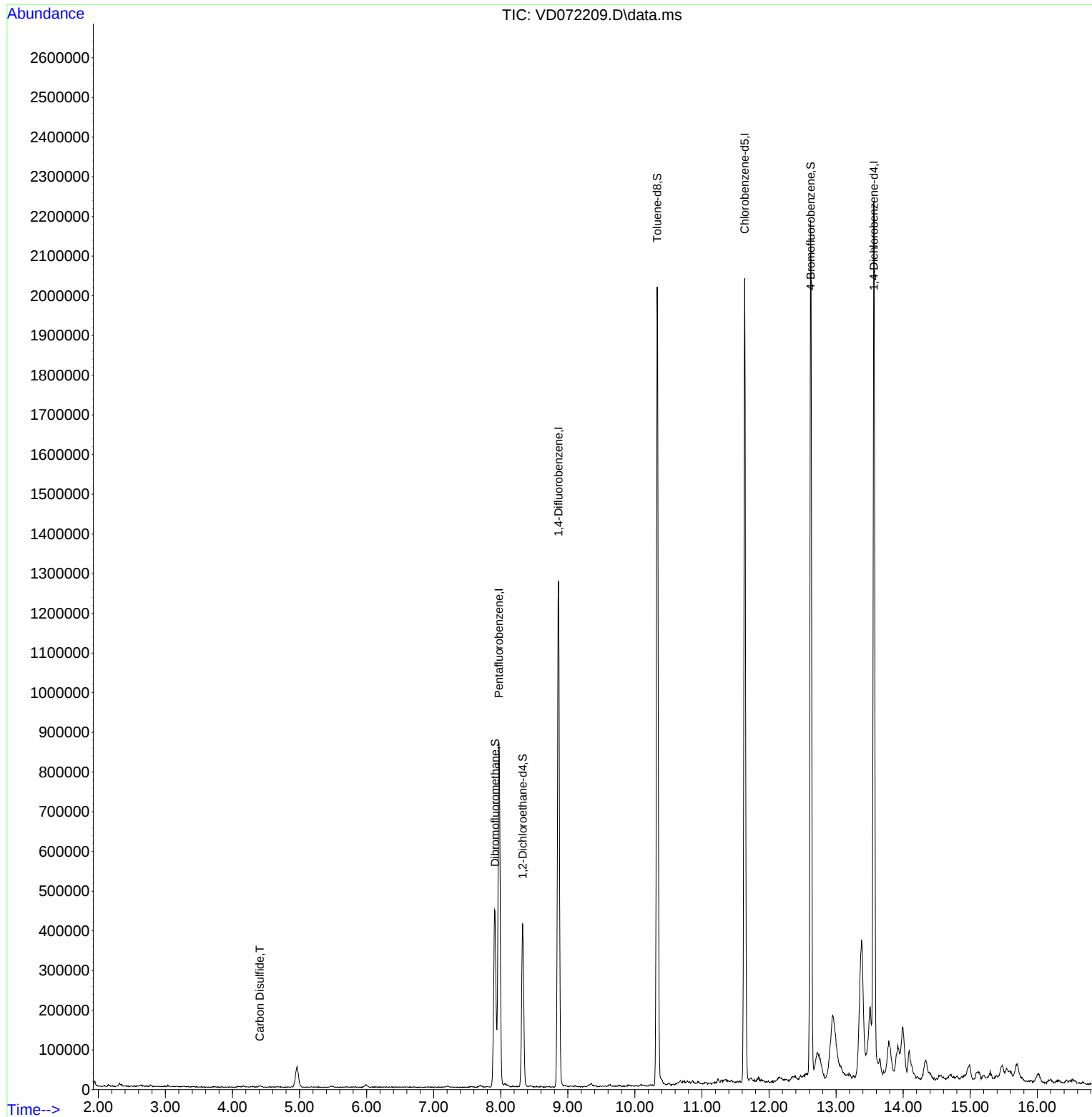
Internal Standards						
1) Pentafluorobenzene	7.973	168	639512	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1091893	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1163298	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	594832	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	320831	45.016	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.040%
35) Dibromofluoromethane	7.914	113	328864	42.800	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.600%
50) Toluene-d8	10.332	98	1356818	48.293	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.580%
62) 4-Bromofluorobenzene	12.620	95	591791	54.210	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.420%
Target Compounds						
17) Carbon Disulfide	4.409	76	5919	1.919	ug/l	Qvalue # 92

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

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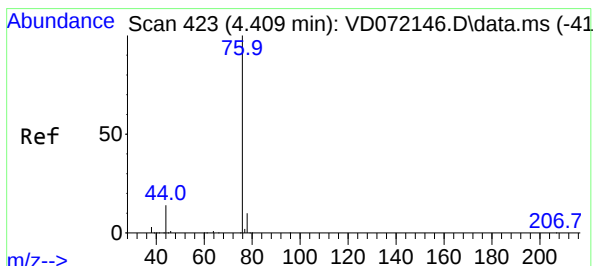
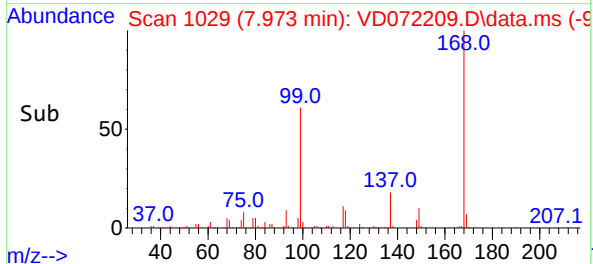
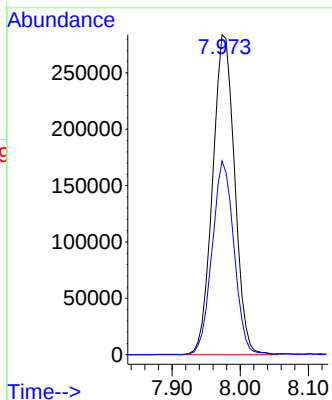
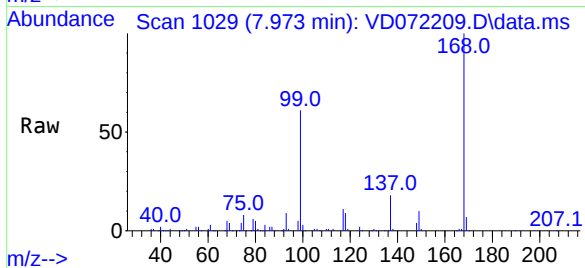




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072209.D
Acq: 16 Mar 2022 01:44

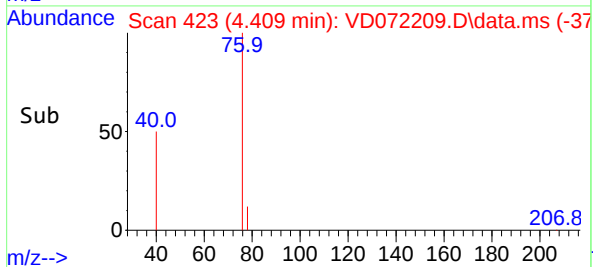
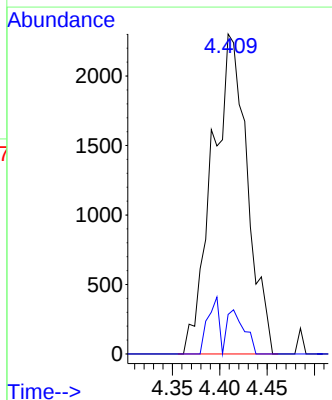
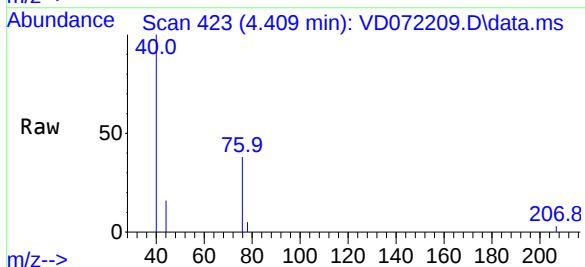
Instrument :
MSVOA_D
ClientSampleId :
7PH-2-8.5-9

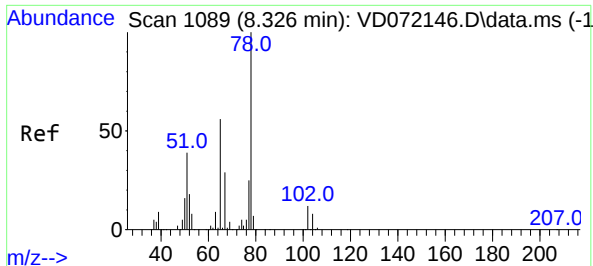
Tgt Ion:168 Resp: 639512
Ion Ratio Lower Upper
168 100
99 60.4 49.8 74.6



#17
Carbon Disulfide
Concen: 1.919 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD072209.D
Acq: 16 Mar 2022 01:44

Tgt Ion: 76 Resp: 5919
Ion Ratio Lower Upper
76 100
78 12.4 7.5 11.3#





#33

1,2-Dichloroethane-d4

Concen: 45.016 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072209.D

Acq: 16 Mar 2022 01:44

Instrument :

MSVOA_D

ClientSampleId :

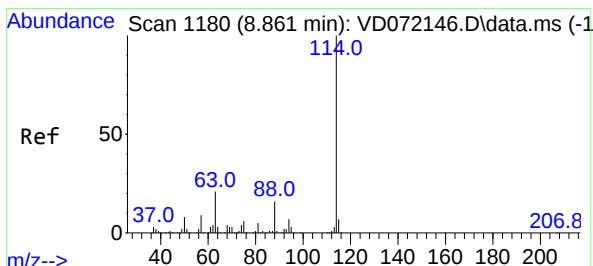
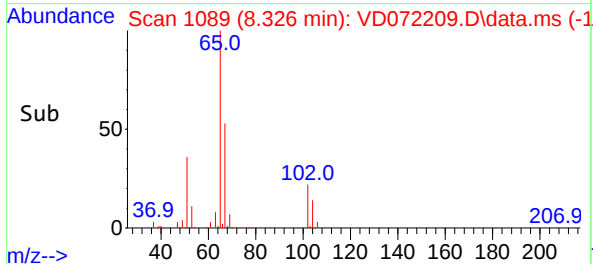
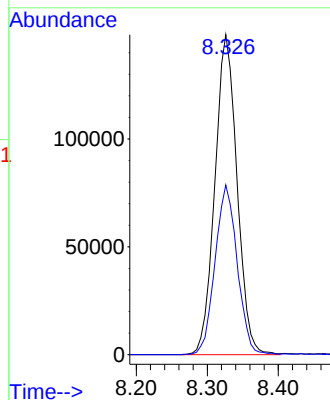
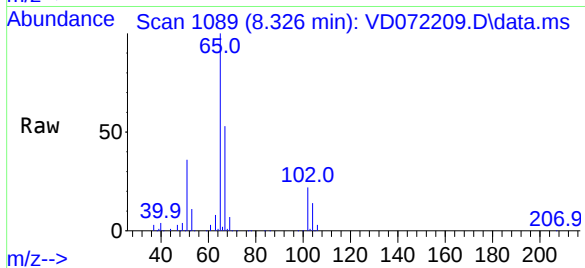
7PH-2-8.5-9

Tgt Ion: 65 Resp: 320831

Ion Ratio Lower Upper

65 100

67 53.1 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: VD072209.D

Acq: 16 Mar 2022 01:44

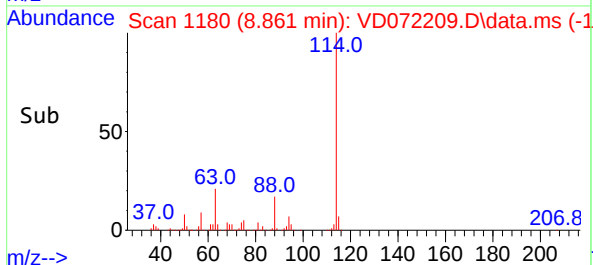
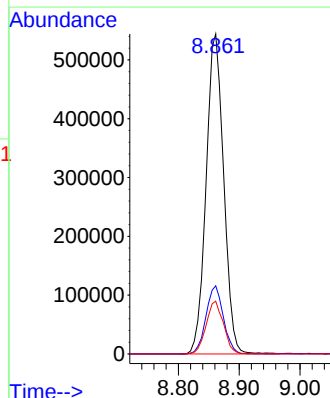
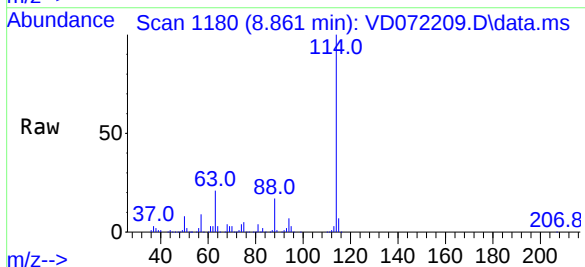
Tgt Ion: 114 Resp: 1091893

Ion Ratio Lower Upper

114 100

63 21.3 0.0 46.6

88 16.5 0.0 33.2

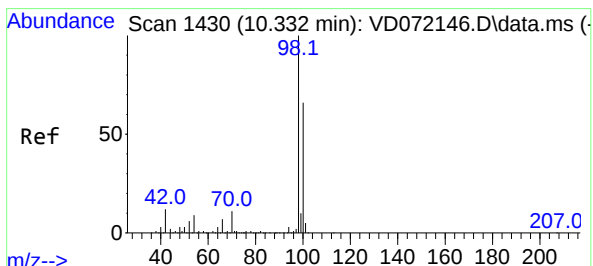
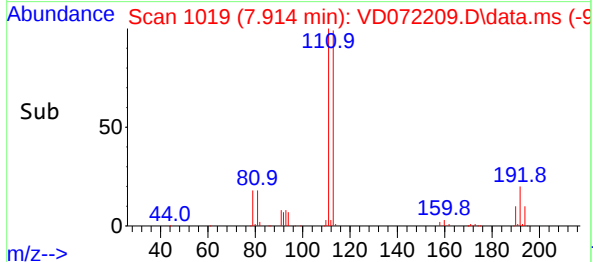
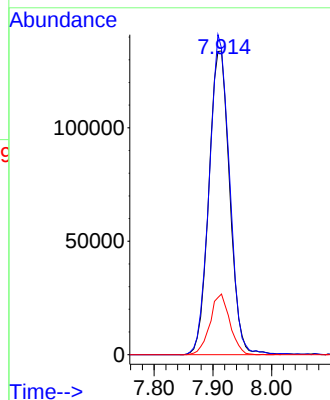
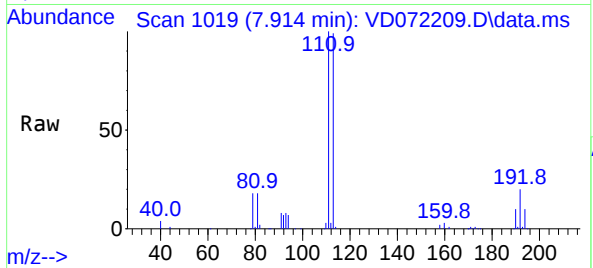




#35
Dibromofluoromethane
Concen: 42.800 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072209.D
Acq: 16 Mar 2022 01:44

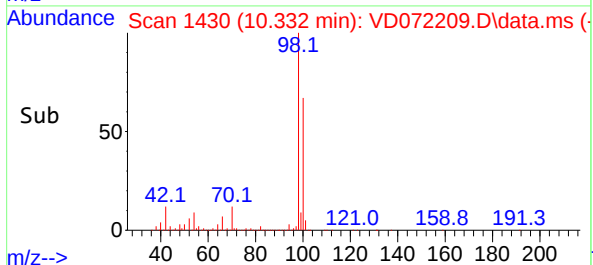
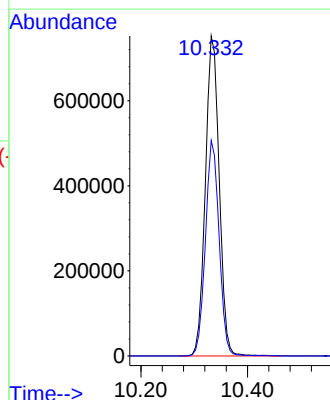
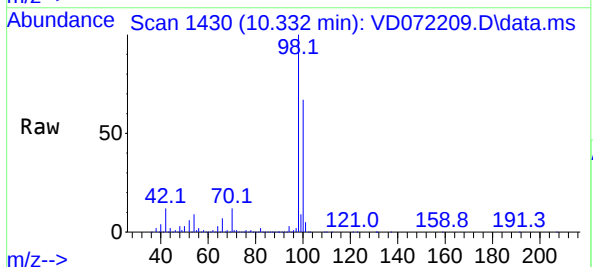
Instrument :
MSVOA_D
ClientSampleId :
7PH-2-8.5-9

Tgt Ion:113 Resp: 328864
Ion Ratio Lower Upper
113 100
111 102.4 83.8 125.6
192 19.0 14.6 21.8



#50
Toluene-d8
Concen: 48.293 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072209.D
Acq: 16 Mar 2022 01:44

Tgt Ion: 98 Resp: 1356818
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6

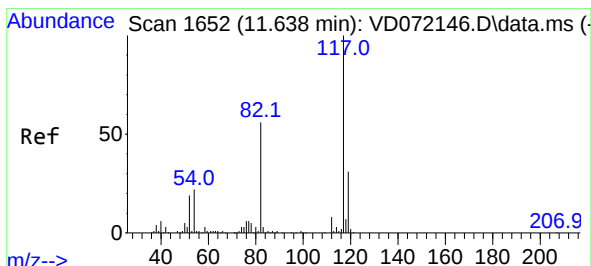
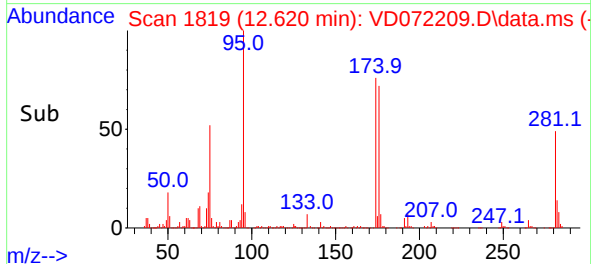
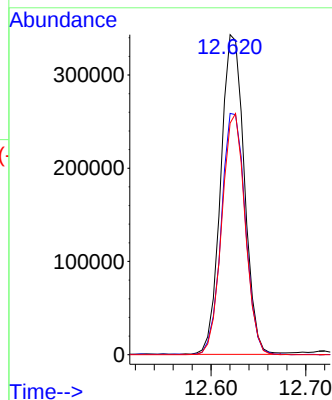
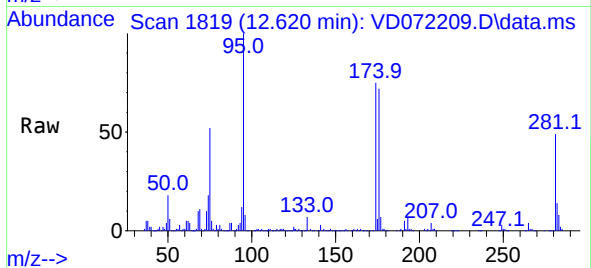




#62
4-Bromofluorobenzene
Concen: 54.210 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072209.D
Acq: 16 Mar 2022 01:44

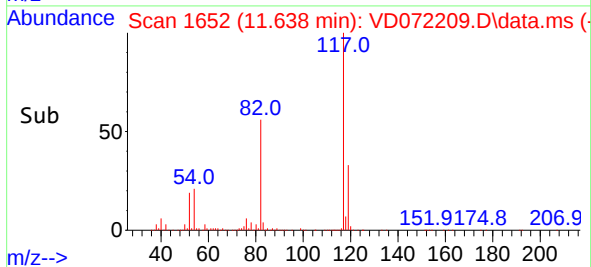
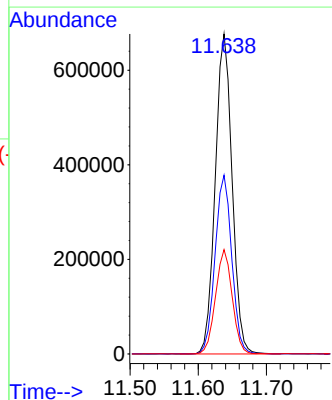
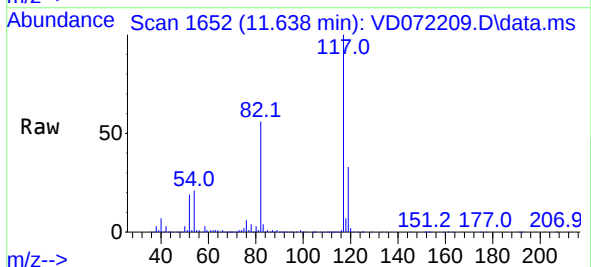
Instrument :
MSVOA_D
ClientSampleId :
7PH-2-8.5-9

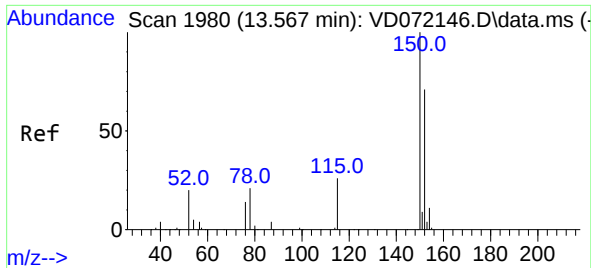
Tgt Ion: 95 Resp: 591791
Ion Ratio Lower Upper
95 100
174 76.6 0.0 152.8
176 74.4 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072209.D
Acq: 16 Mar 2022 01:44

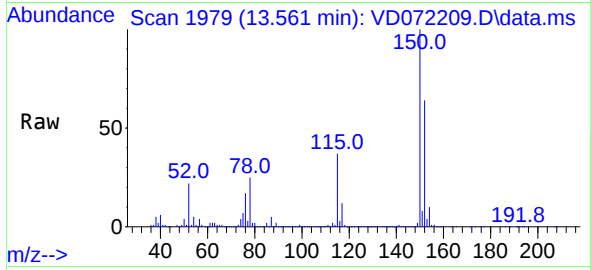
Tgt Ion: 117 Resp: 1163298
Ion Ratio Lower Upper
117 100
82 55.8 45.3 67.9
119 32.6 26.6 40.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072209.D
Acq: 16 Mar 2022 01:44

Instrument :
MSVOA_D
ClientSampleId :
7PH-2-8.5-9



Tgt Ion:152 Resp: 594832
Ion Ratio Lower Upper
152 100
115 60.3 31.3 93.8
150 157.1 0.0 348.6

