

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031722\
 Data File : VD072243.D
 Acq On : 17 Mar 2022 14:18
 Operator : VA/SY
 Sample : N1922-02
 Misc : 5.78G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Mar 18 04:30:10 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)

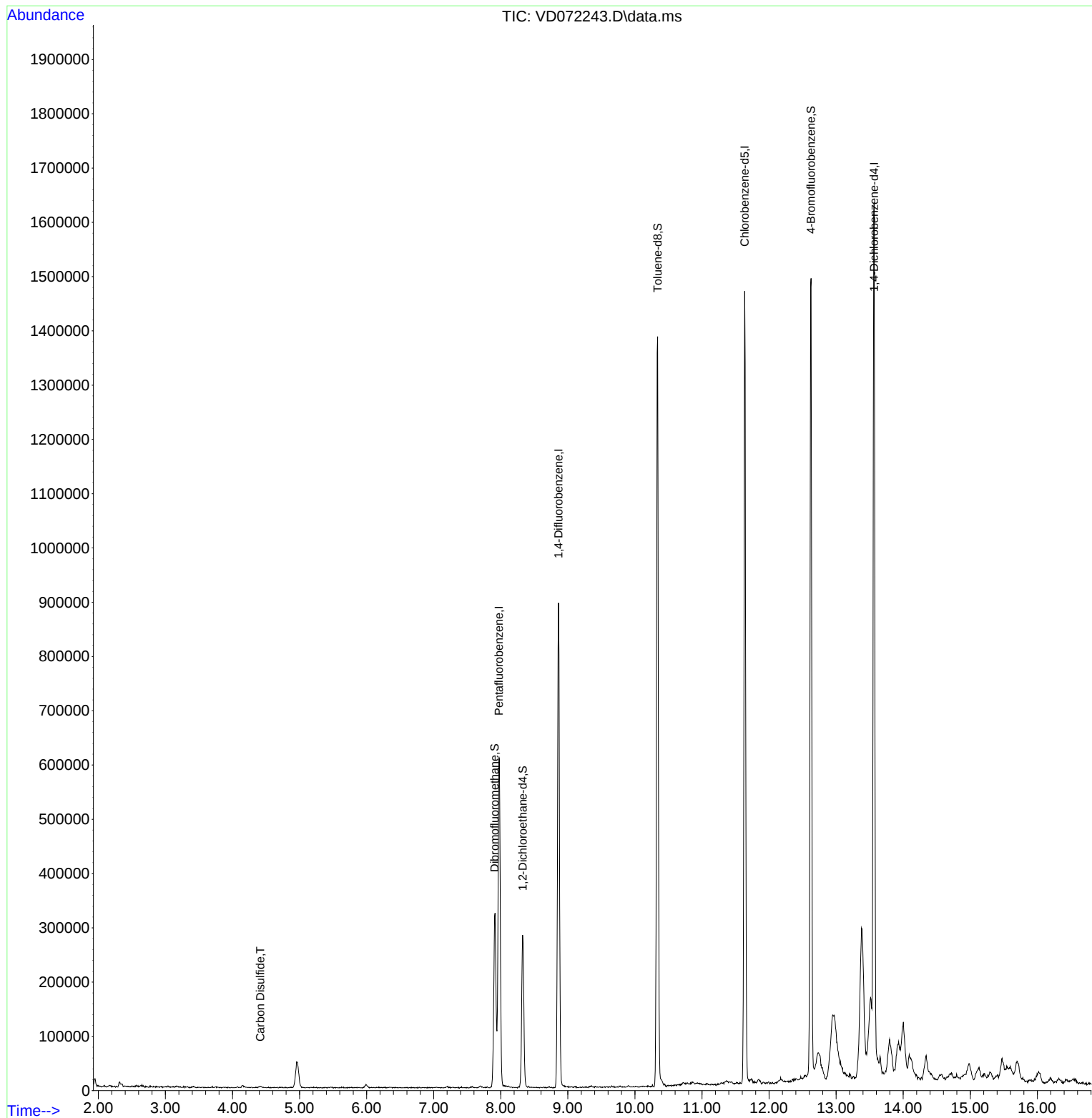
Internal Standards						
1) Pentafluorobenzene	7.973	168	455030	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	750484	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	825552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	445333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	223546	44.083	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.160%
35) Dibromofluoromethane	7.908	113	231318	43.800	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.600%
50) Toluene-d8	10.338	98	952548	49.327	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.660%
62) 4-Bromofluorobenzene	12.626	95	419407	55.896	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.800%
Target Compounds						
17) Carbon Disulfide	4.414	76	5303	2.028	ug/l	Qvalue # 94

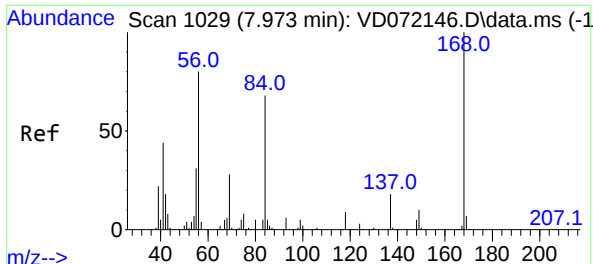
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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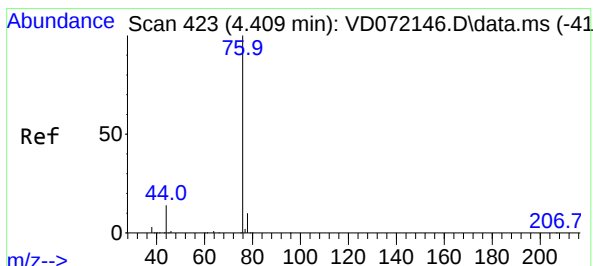
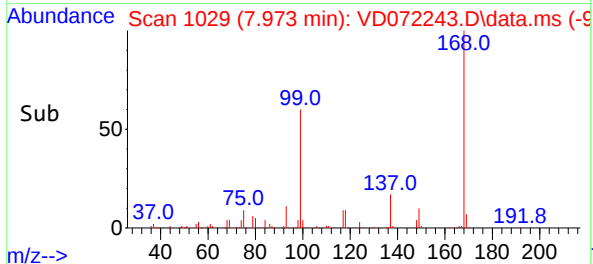
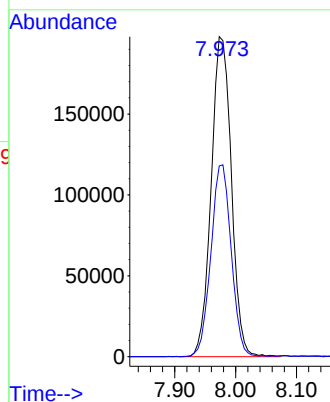
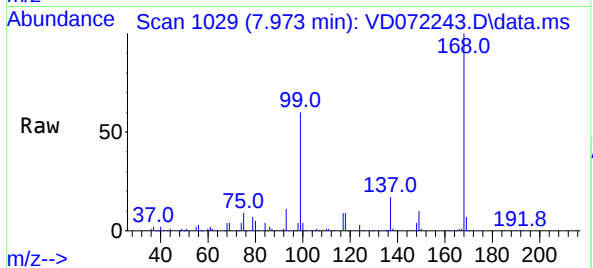




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072243.D
Acq: 17 Mar 2022 14:18

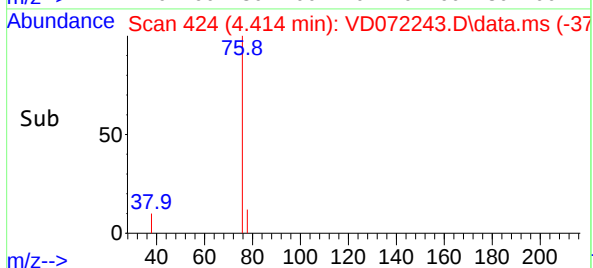
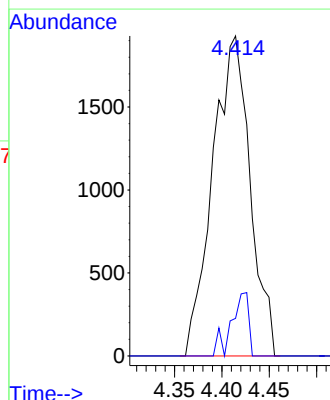
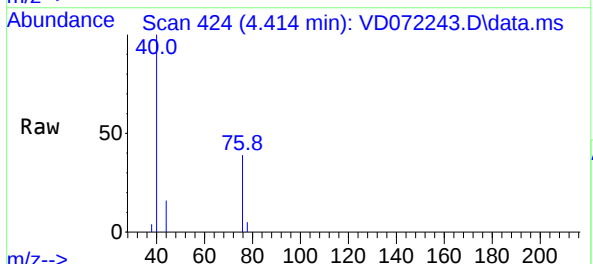
Instrument :
MSVOA_D
ClientSampleId :
7PH-2-8.5-9

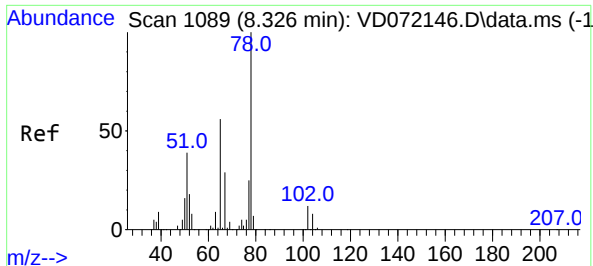
Tgt Ion:168 Resp: 455030
Ion Ratio Lower Upper
168 100
99 59.6 49.8 74.6



#17
Carbon Disulfide
Concen: 2.028 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.005 min
Lab File: VD072243.D
Acq: 17 Mar 2022 14:18

Tgt Ion: 76 Resp: 5303
Ion Ratio Lower Upper
76 100
78 11.7 7.5 11.3#

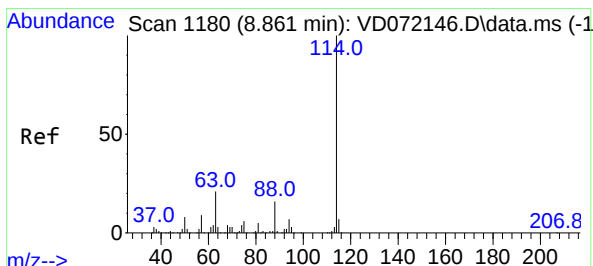
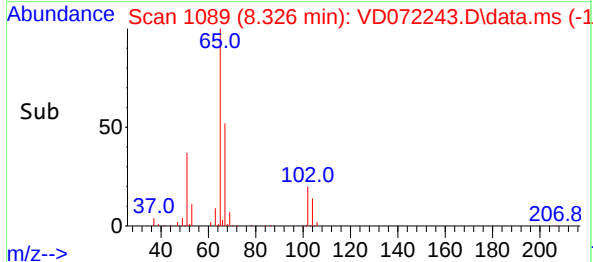
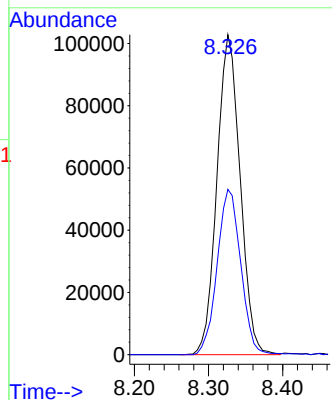
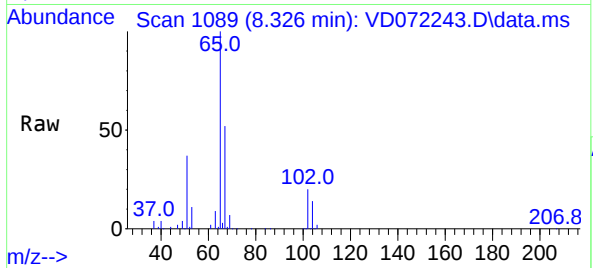




#33
 1,2-Dichloroethane-d4
 Concen: 44.083 ug/l
 RT: 8.326 min Scan# 1089
 Delta R.T. -0.000 min
 Lab File: VD072243.D
 Acq: 17 Mar 2022 14:18

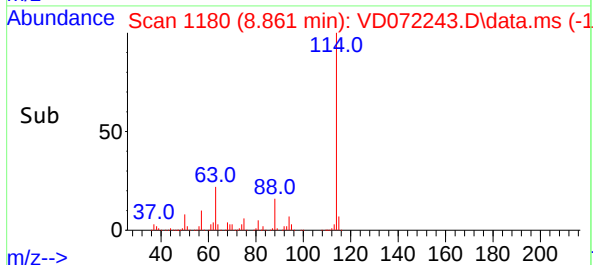
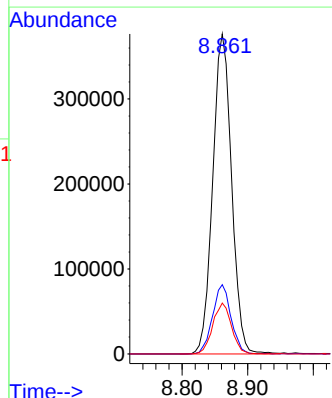
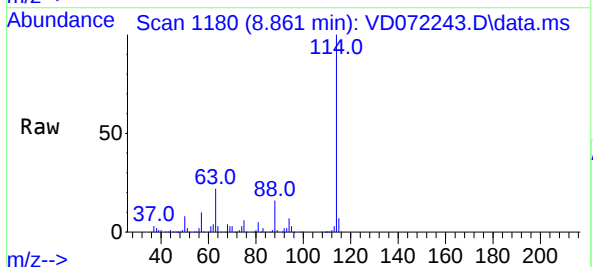
Instrument :
 MSVOA_D
 ClientSampleId :
 7PH-2-8.5-9

Tgt Ion: 65 Resp: 223546
 Ion Ratio Lower Upper
 65 100
 67 52.7 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: VD072243.D
 Acq: 17 Mar 2022 14:18

Tgt Ion: 114 Resp: 750484
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 46.6
 88 15.9 0.0 33.2

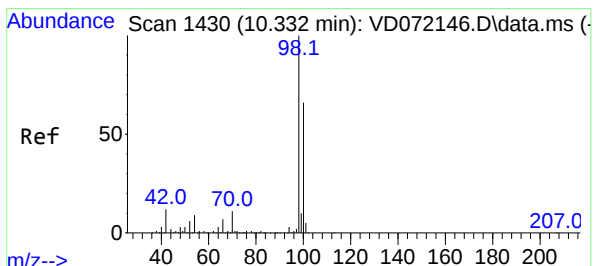
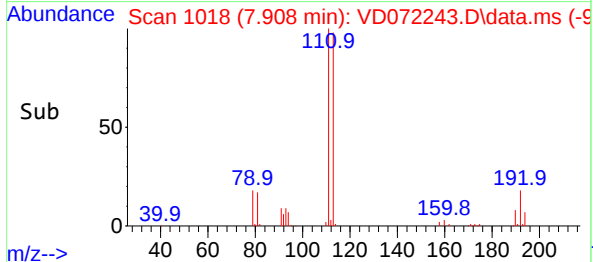
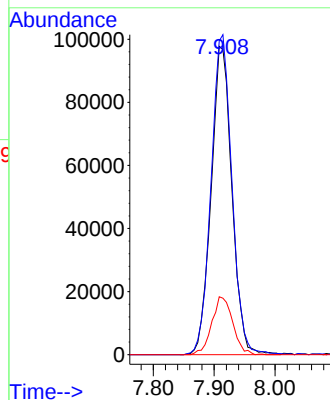
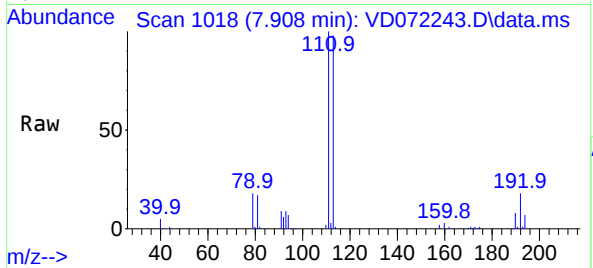




#35
Dibromofluoromethane
Concen: 43.800 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072243.D
Acq: 17 Mar 2022 14:18

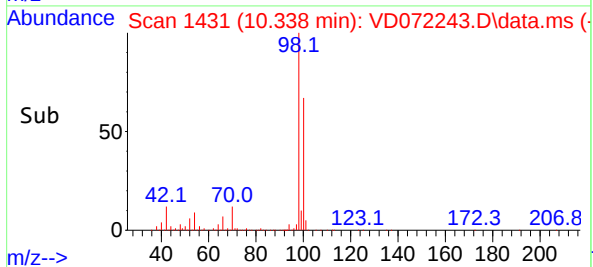
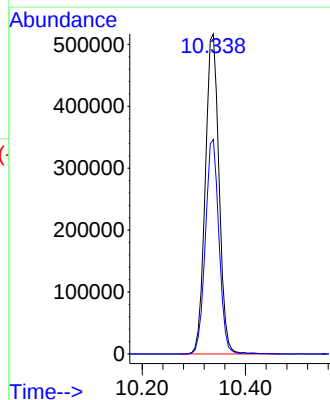
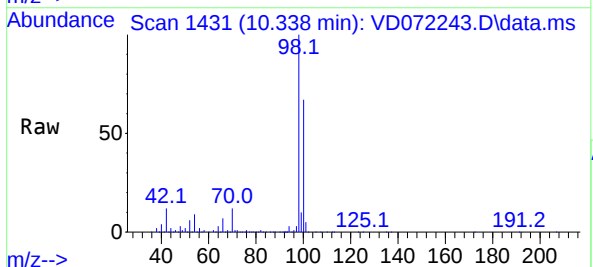
Instrument :
MSVOA_D
ClientSampleId :
7PH-2-8.5-9

Tgt Ion:113 Resp: 231318
Ion Ratio Lower Upper
113 100
111 104.2 83.8 125.6
192 19.0 14.6 21.8



#50
Toluene-d8
Concen: 49.327 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072243.D
Acq: 17 Mar 2022 14:18

Tgt Ion: 98 Resp: 952548
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6

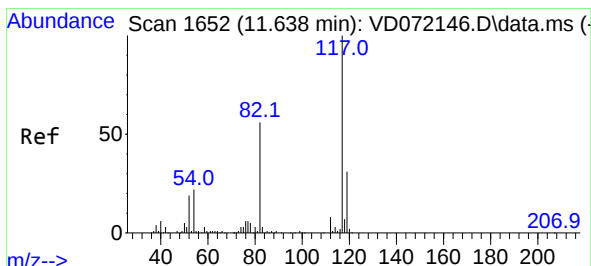
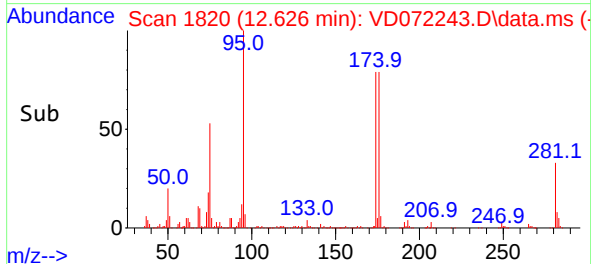
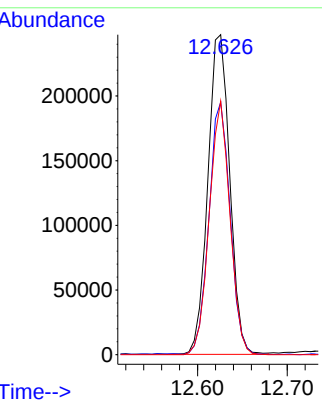
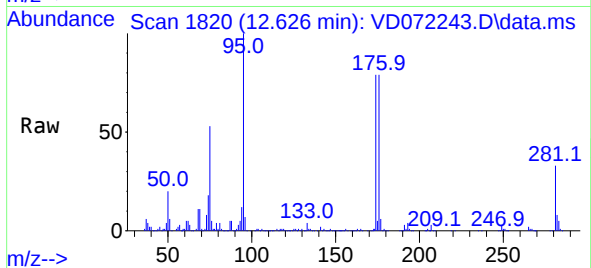




#62
4-Bromofluorobenzene
Concen: 55.896 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD072243.D
Acq: 17 Mar 2022 14:18

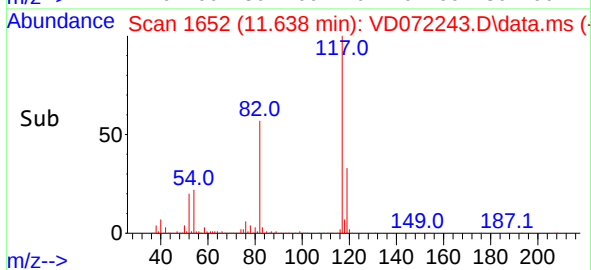
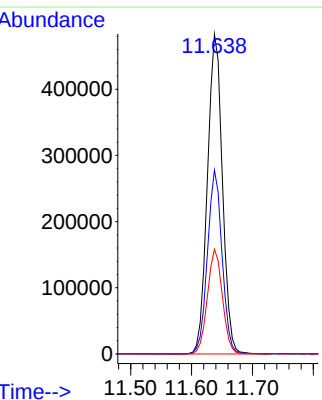
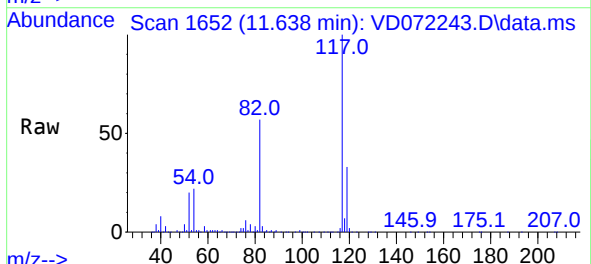
Instrument :
MSVOA_D
ClientSampleId :
7PH-2-8.5-9

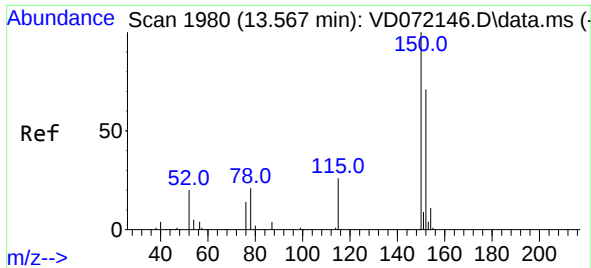
Tgt Ion: 95 Resp: 419407
Ion Ratio Lower Upper
95 100
174 76.3 0.0 152.8
176 74.7 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072243.D
Acq: 17 Mar 2022 14:18

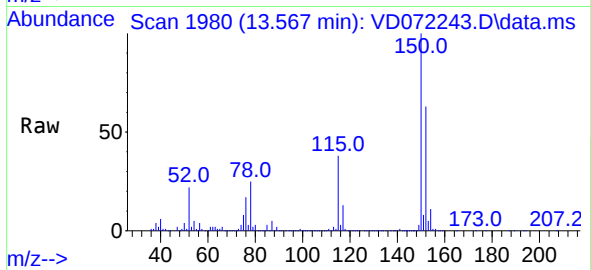
Tgt Ion: 117 Resp: 825552
Ion Ratio Lower Upper
117 100
82 57.4 45.3 67.9
119 32.7 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD072243.D
 Acq: 17 Mar 2022 14:18

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



Tgt Ion:152 Resp: 445333
 Ion Ratio Lower Upper
 152 100
 115 62.7 31.3 93.8
 150 151.1 0.0 348.6

