

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032522\
 Data File : VD072436.D
 Acq On : 25 Mar 2022 18:35
 Operator : VA/SY
 Sample : N2095-03
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-03-5.0-6.0

Quant Time: Mar 26 00:15:01 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)

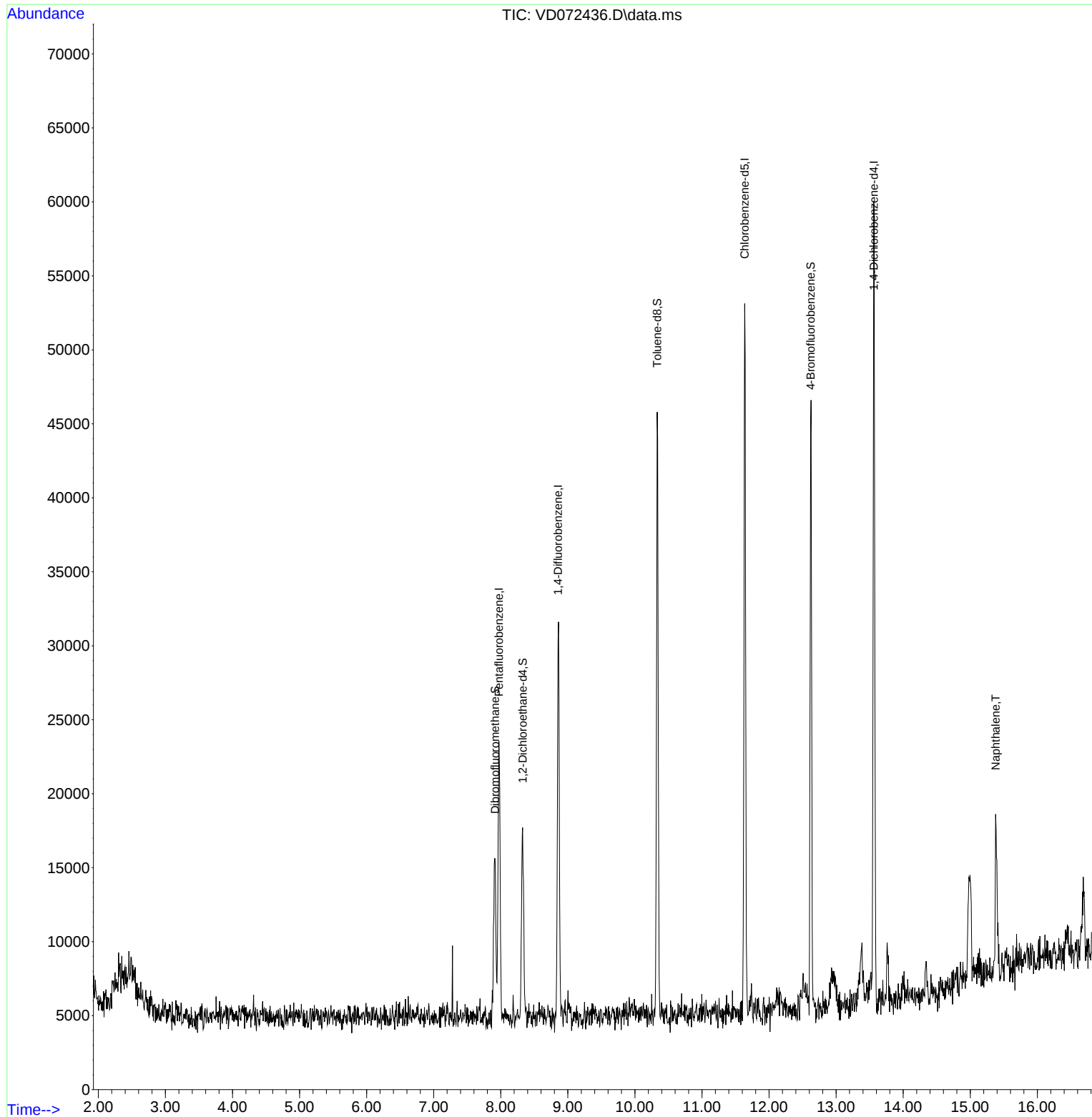
Internal Standards						
1) Pentafluorobenzene	7.973	168	13698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	21529	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	27048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	13688	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	9368	61.367	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.740%	
35) Dibromofluoromethane	7.914	113	8640	57.029	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.060%	
50) Toluene-d8	10.332	98	26857	48.481	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.960%	
62) 4-Bromofluorobenzene	12.620	95	12890	59.885	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 119.760%	
Target Compounds						
95) Naphthalene	15.379	128	10567	20.755	ug/l	Qvalue 97

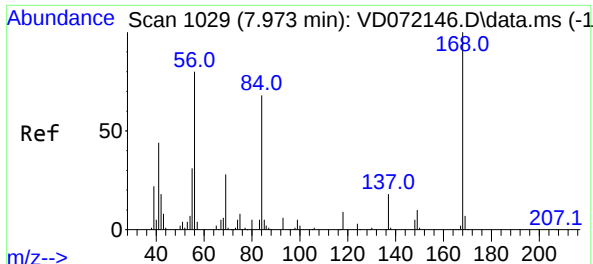
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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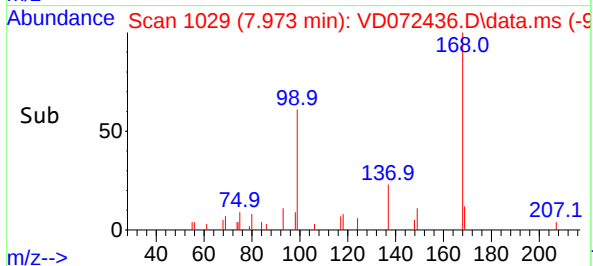
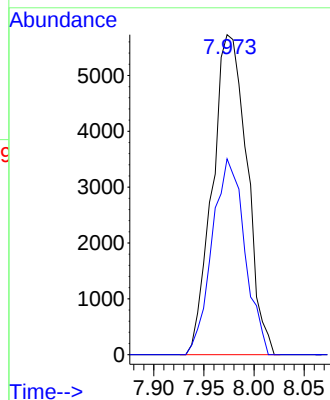
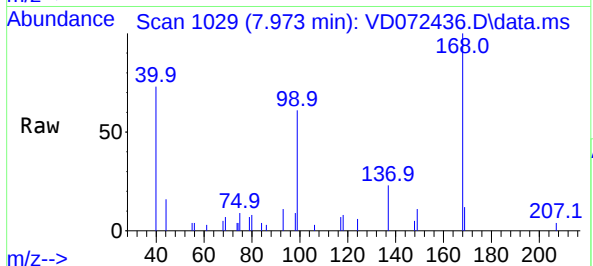




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072436.D
Acq: 25 Mar 2022 18:35

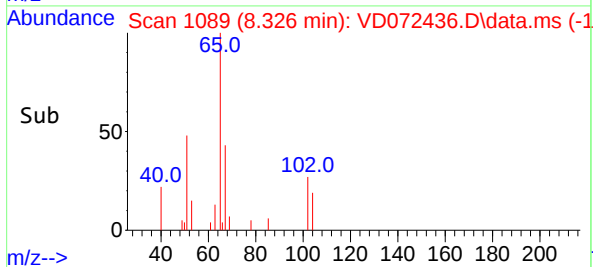
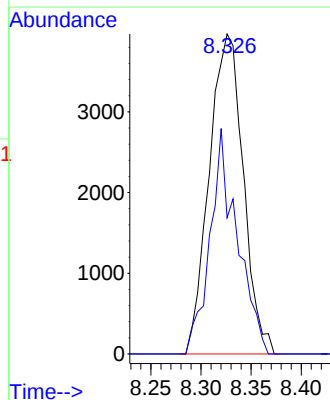
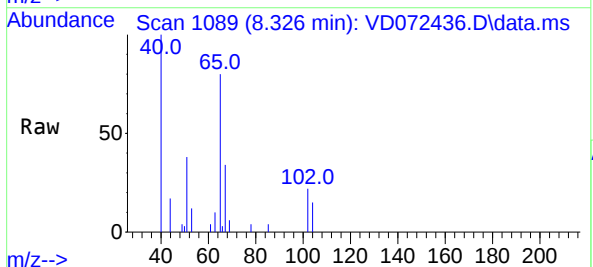
Instrument :
MSVOA_D
ClientSampleId :
SB-03-5.0-6.0

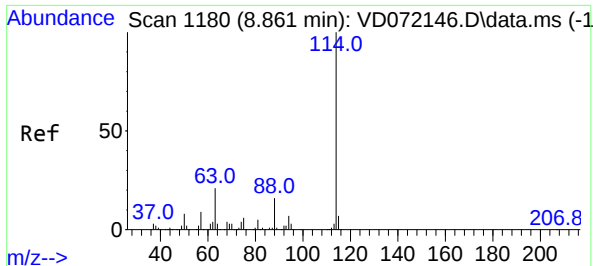
Tgt Ion:168 Resp: 13698
Ion Ratio Lower Upper
168 100
99 61.2 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 61.367 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072436.D
Acq: 25 Mar 2022 18:35

Tgt Ion: 65 Resp: 9368
Ion Ratio Lower Upper
65 100
67 56.1 0.0 101.4



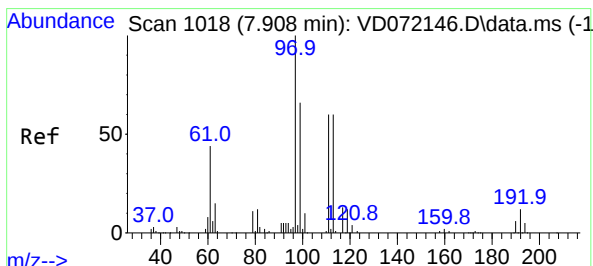
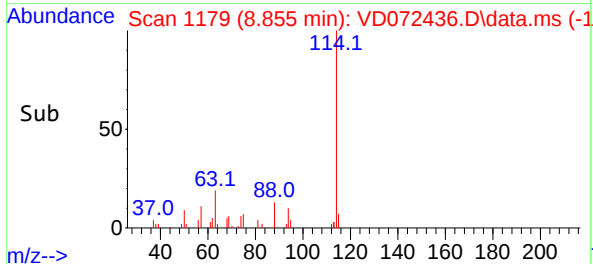
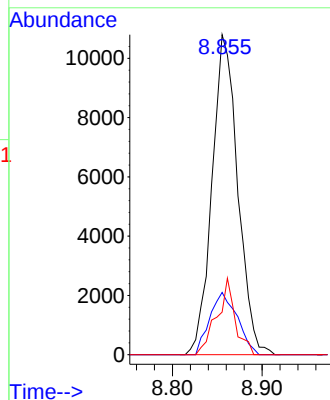
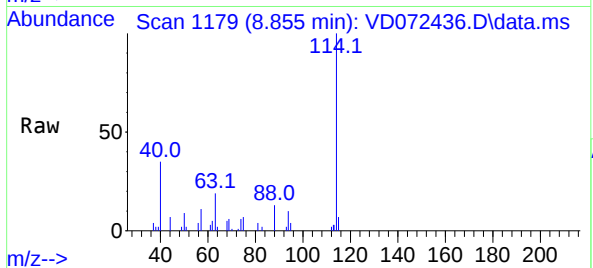


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1119
Delta R.T. -0.006 min
Lab File: VD072436.D
Acq: 25 Mar 2022 18:35

Instrument :
MSVOA_D
ClientSampleId :
SB-03-5.0-6.0

Tgt Ion:114 Resp: 21529

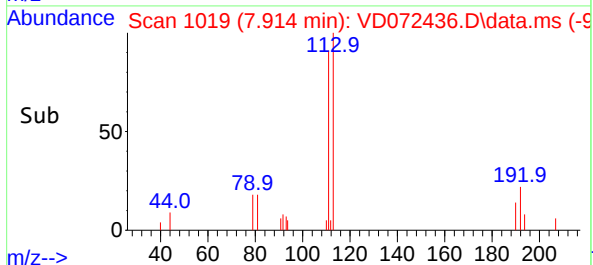
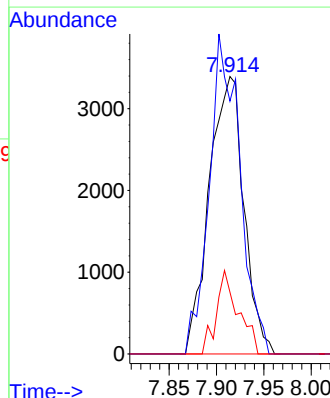
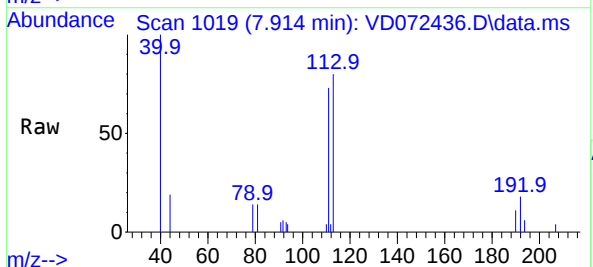
Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	46.6
88	13.3	0.0	33.2

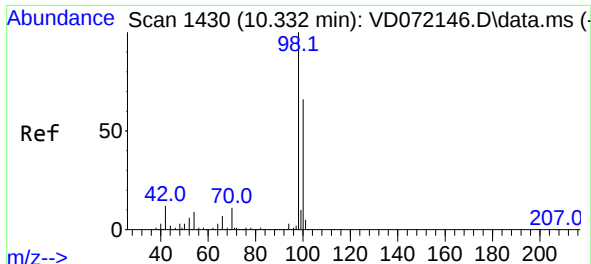


#35
Dibromofluoromethane
Concen: 57.029 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072436.D
Acq: 25 Mar 2022 18:35

Tgt Ion:113 Resp: 8640

Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.8	125.6
192	19.1	14.6	21.8

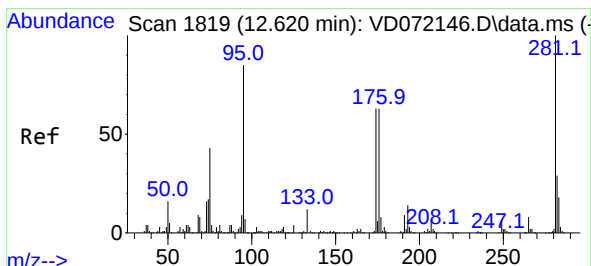
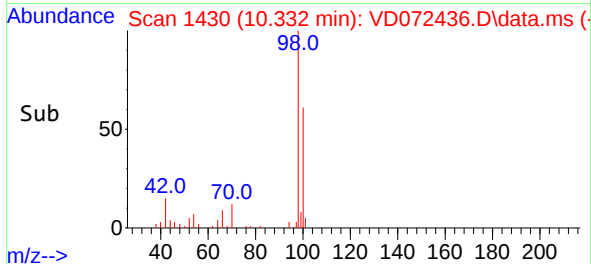
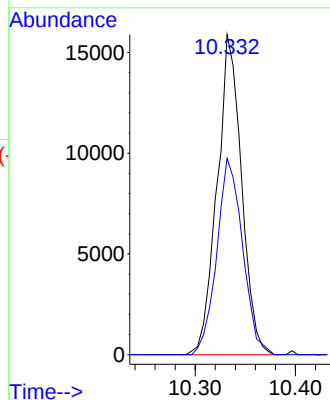
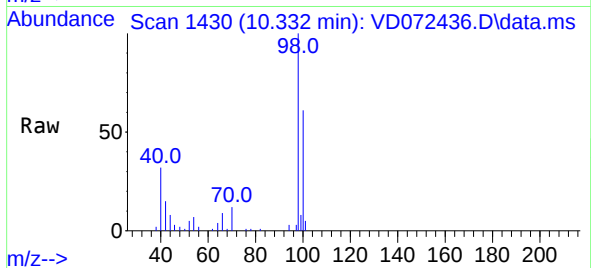




#50
Toluene-d8
Concen: 48.481 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072436.D
Acq: 25 Mar 2022 18:35

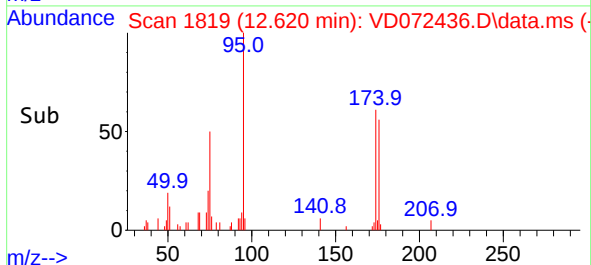
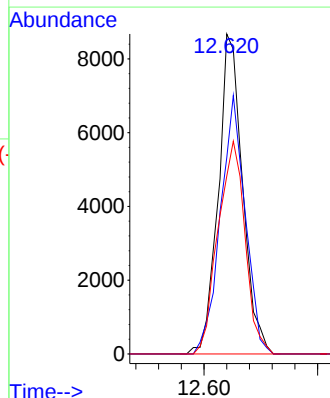
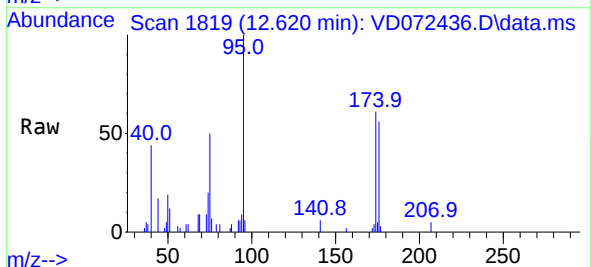
Instrument :
MSVOA_D
ClientSampleId :
SB-03-5.0-6.0

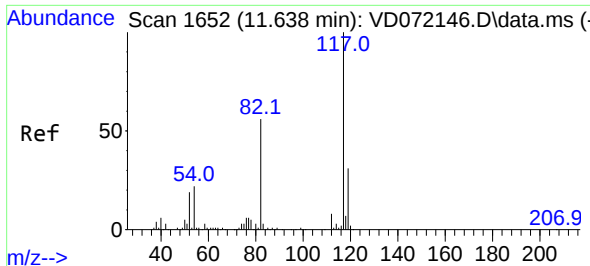
Tgt Ion: 98 Resp: 26857
Ion Ratio Lower Upper
98 100
100 64.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 59.885 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072436.D
Acq: 25 Mar 2022 18:35

Tgt Ion: 95 Resp: 12890
Ion Ratio Lower Upper
95 100
174 82.2 0.0 152.8
176 73.7 0.0 145.4

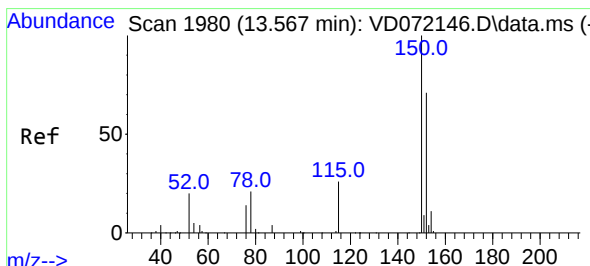
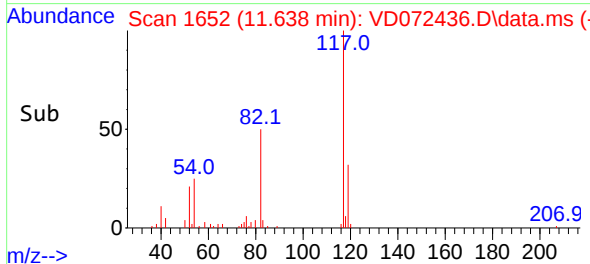
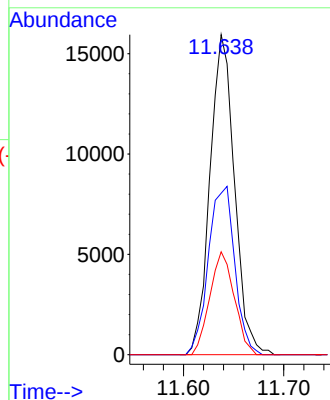
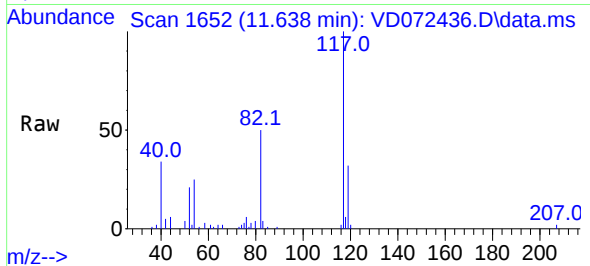




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072436.D
Acq: 25 Mar 2022 18:35

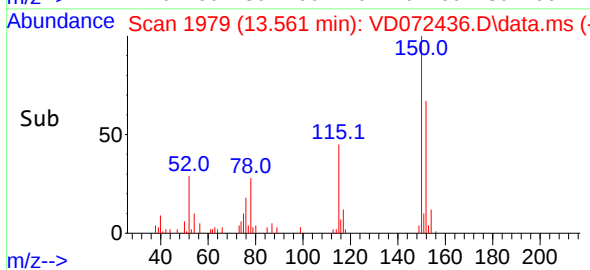
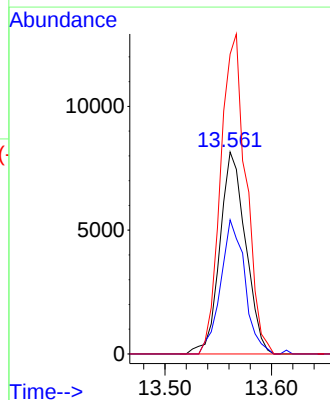
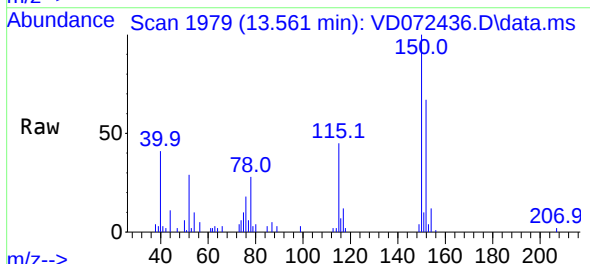
Instrument :
MSVOA_D
ClientSampleId :
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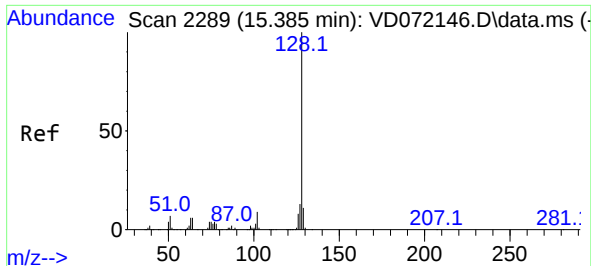
Tgt Ion:117	Resp:	27048
Ion	Ratio	Lower Upper
117	100	
82	50.4	45.3 67.9
119	32.1	26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072436.D
Acq: 25 Mar 2022 18:35

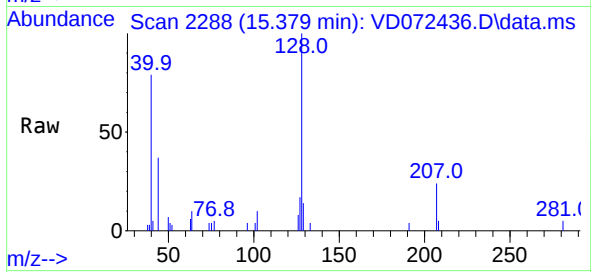
Tgt Ion:152	Resp:	13688
Ion	Ratio	Lower Upper
152	100	
115	62.6	31.3 93.8
150	155.9	0.0 348.6





#95
Naphthalene
Concen: 20.755 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072436.D
Acq: 25 Mar 2022 18:35

Instrument :
MSVOA_D
ClientSampleId :
SB-03-5.0-6.0



Tgt Ion:	128	Resp:	10567
Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.3	15.5
129	12.0	8.4	12.6

