

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092721\
 Data File : VD070473.D
 Acq On : 27 Sep 2021 13:08
 Operator : VA/SY
 Sample : M3920-03RE
 Misc : 6.31G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-839-R-SO-4-4.5-092321RE

Quant Time: Sep 28 04:12:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	3145	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	5918	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	6469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	2855	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	3565	88.281	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 176.560%#	
35) Dibromofluoromethane	7.920	113	2039	48.403	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.800%	
50) Toluene-d8	10.338	98	7158	46.801	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 93.600%	
62) 4-Bromofluorobenzene	12.620	95	1980	37.042	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 74.080%	

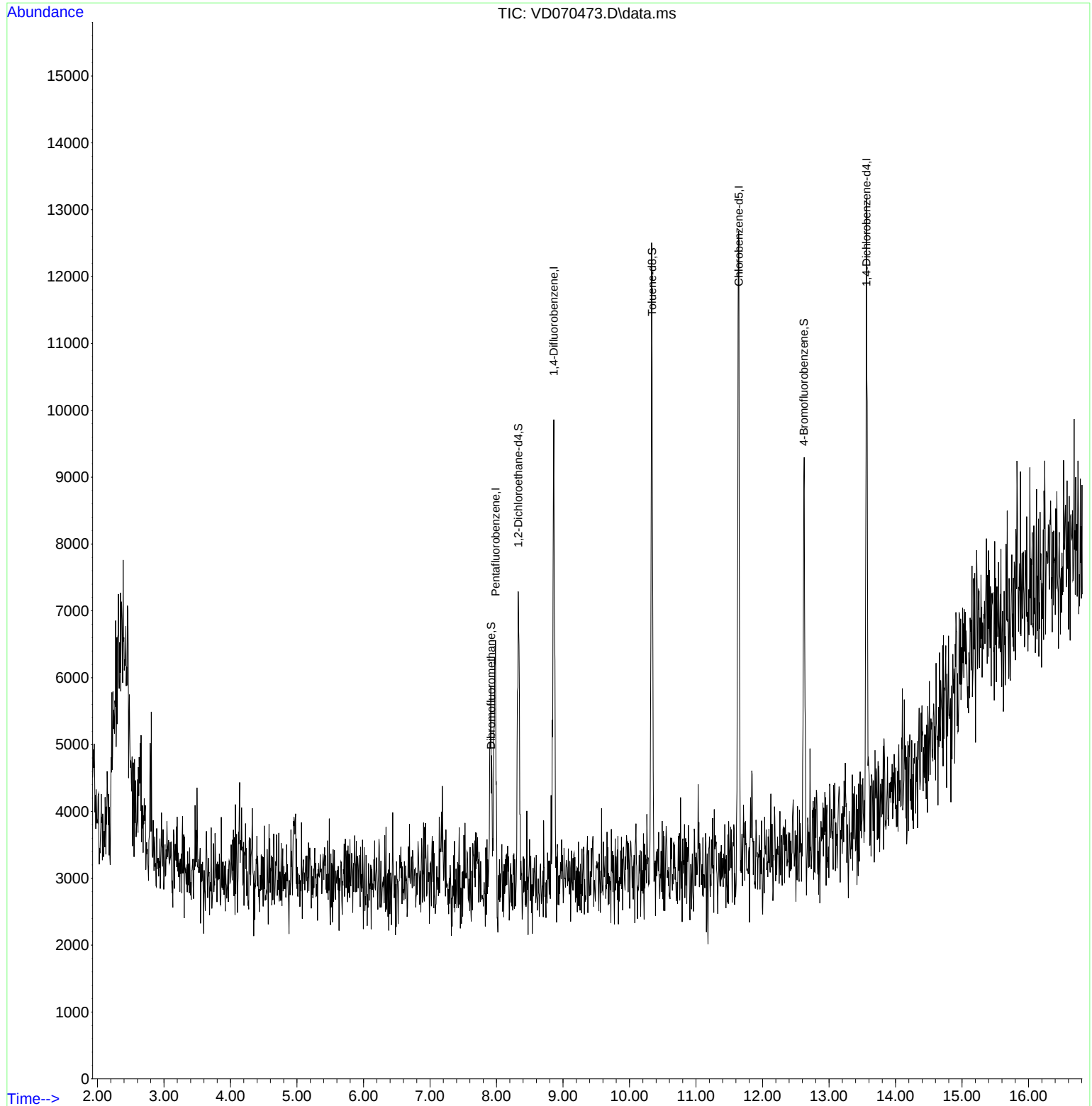
Target Compounds	Qvalue

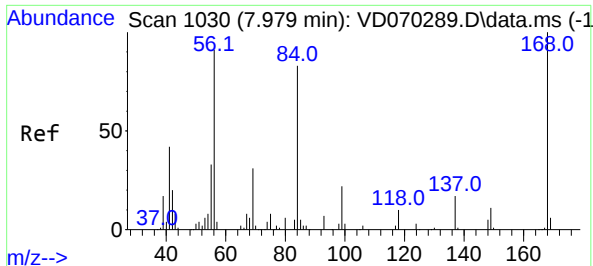
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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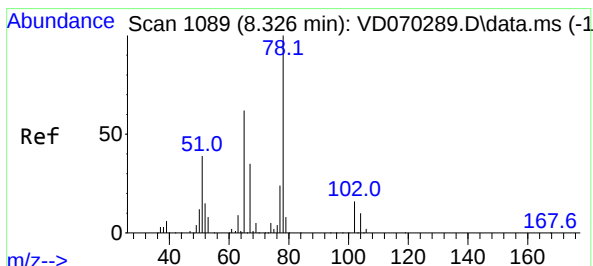
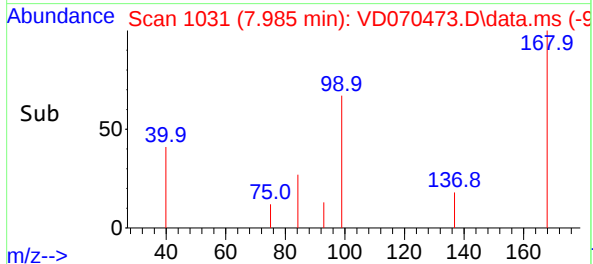
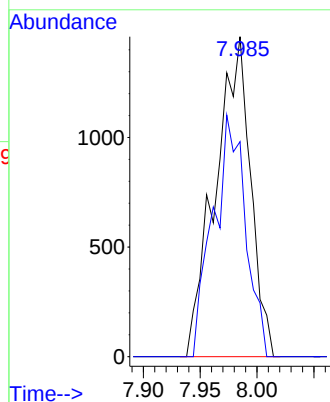
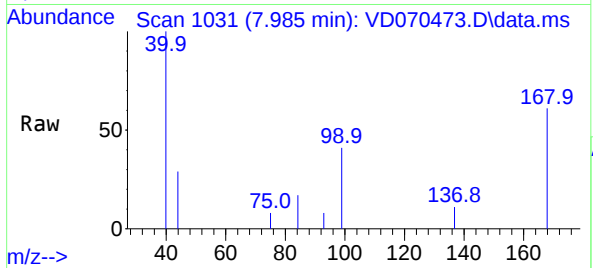




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD070473.D
Acq: 27 Sep 2021 13:08

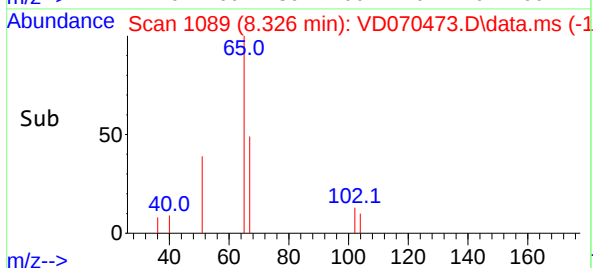
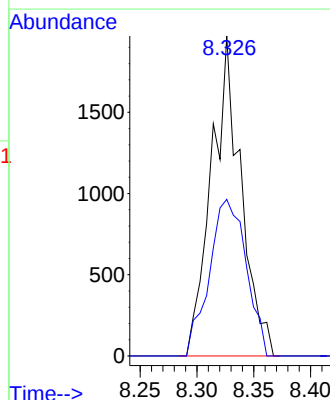
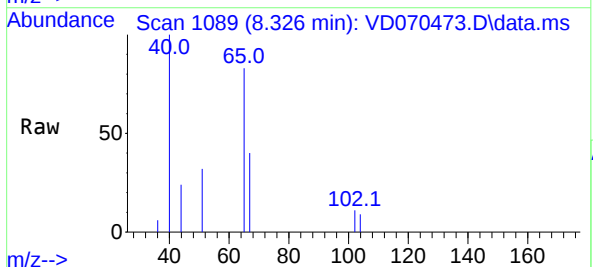
Instrument :
MSVOA_D
ClientSampleId :
S-839-R-SO-4-4.5-092321RE

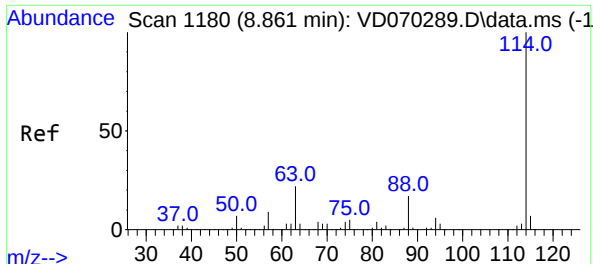
Tgt Ion:168 Resp: 3145
Ion Ratio Lower Upper
168 100
99 67.2 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 88.281 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070473.D
Acq: 27 Sep 2021 13:08

Tgt Ion: 65 Resp: 3565
Ion Ratio Lower Upper
65 100
67 61.1 0.0 111.4



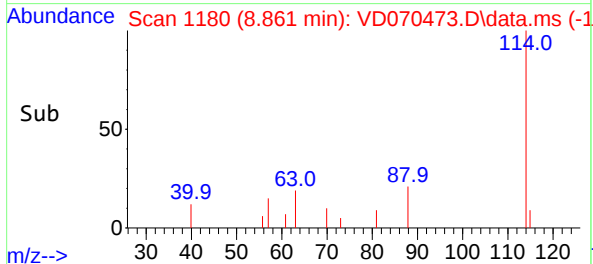
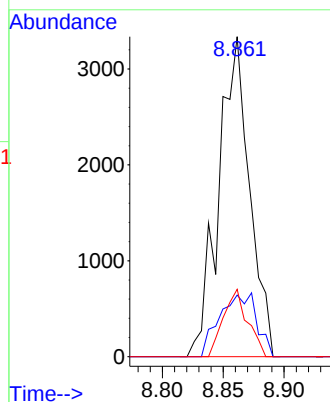
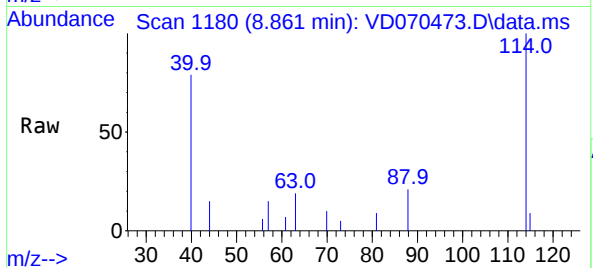


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070473.D
Acq: 27 Sep 2021 13:08

Instrument :
MSVOA_D
ClientSampleId :
S-839-R-SO-4-4.5-092321RE

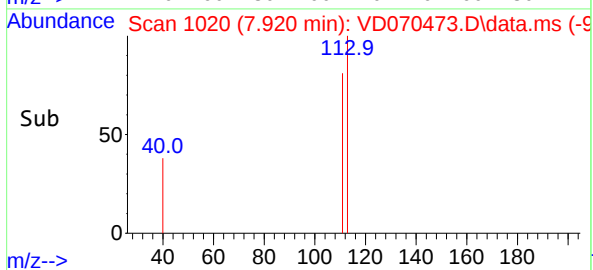
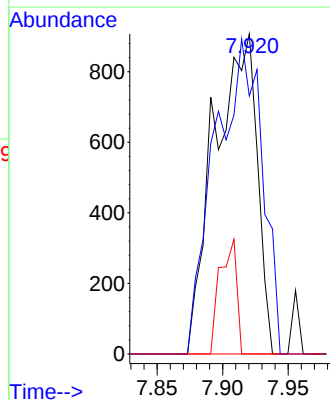
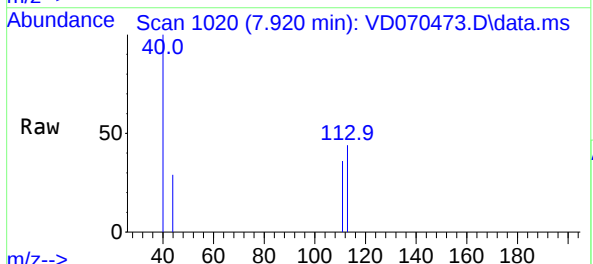
Tgt Ion:	114	Resp:	5918
Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	43.4
88	21.1	0.0	33.4

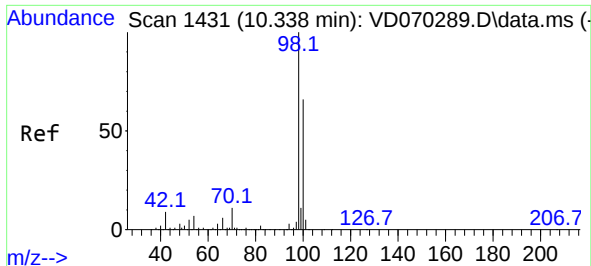


#35

Dibromofluoromethane
Concen: 48.403 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VD070473.D
Acq: 27 Sep 2021 13:08

Tgt Ion:	113	Resp:	2039
Ion	Ratio	Lower	Upper
113	100		
111	108.9	81.4	122.2
192	14.1	13.0	19.6

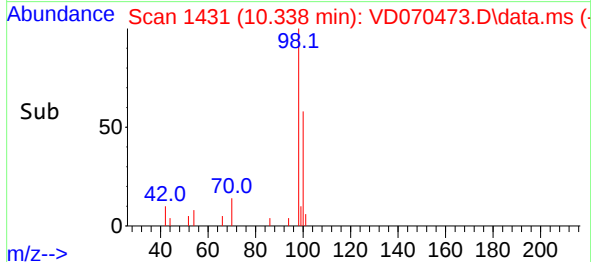
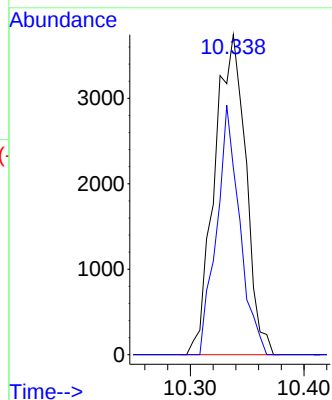
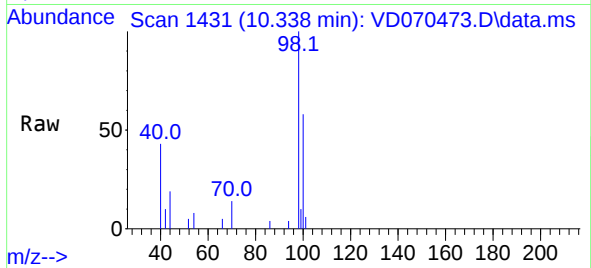




#50
Toluene-d8
Concen: 46.801 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD070473.D
Acq: 27 Sep 2021 13:08

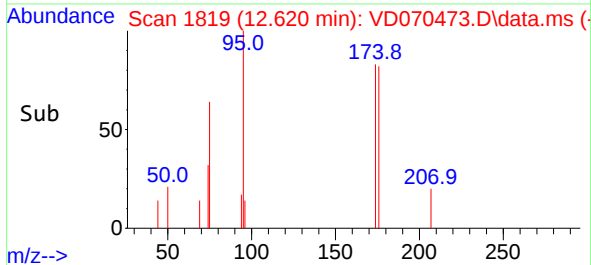
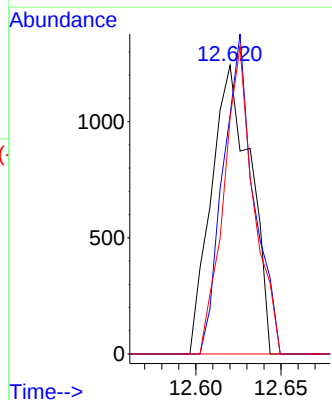
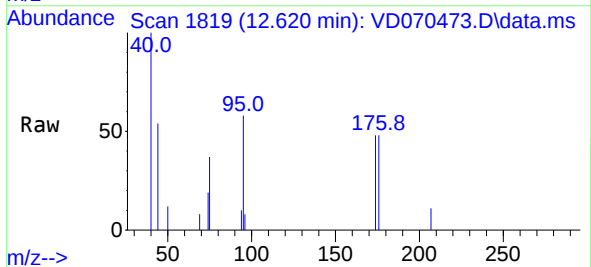
Instrument :
MSVOA_D
ClientSampleId :
S-839-R-SO-4-4.5-092321RE

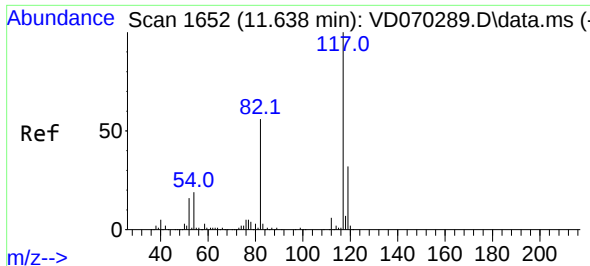
Tgt Ion: 98 Resp: 7158
Ion Ratio Lower Upper
98 100
100 57.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 37.042 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070473.D
Acq: 27 Sep 2021 13:08

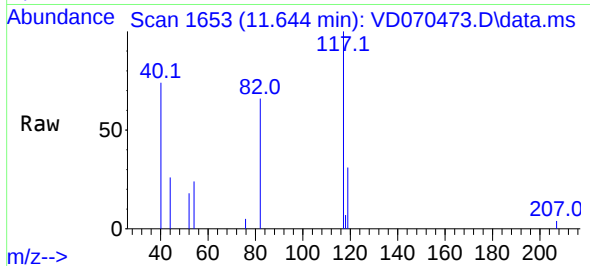
Tgt Ion: 95 Resp: 1980
Ion Ratio Lower Upper
95 100
174 87.0 0.0 140.6
176 81.9 0.0 137.4



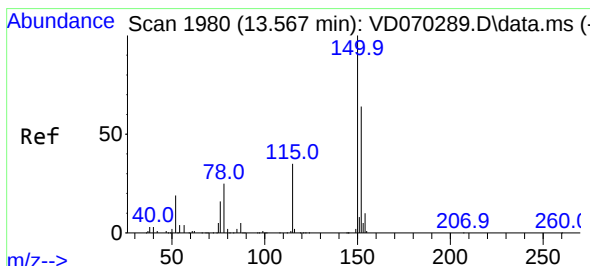
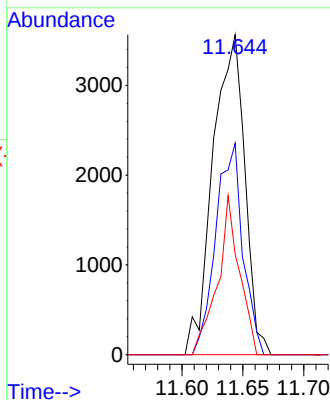
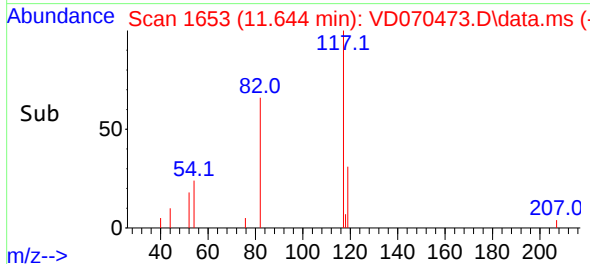


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.006 min
Lab File: VD070473.D
Acq: 27 Sep 2021 13:08

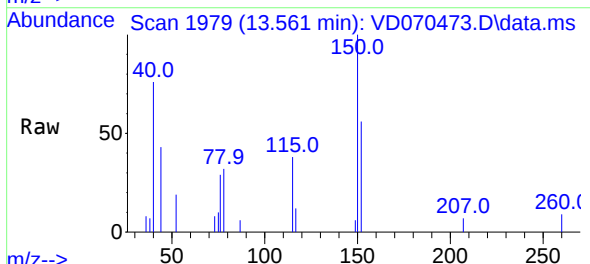
Instrument :
MSVOA_D
ClientSampleId :
S-839-R-SO-4-4.5-092321RE



Tgt Ion:	117	Resp:	6469
Ion Ratio	100	Lower	Upper
117	100		
82	66.0	45.0	67.4
119	31.3	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070473.D
Acq: 27 Sep 2021 13:08



Tgt Ion:	152	Resp:	2855
Ion Ratio	100	Lower	Upper
152	100		
115	56.0	32.1	96.3
150	138.7	0.0	350.6

