

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100421\
 Data File : VD070555.D
 Acq On : 04 Oct 2021 17:09
 Operator : VA/SY
 Sample : M4042-01RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-100121RE

Quant Time: Oct 05 05:01:13 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)

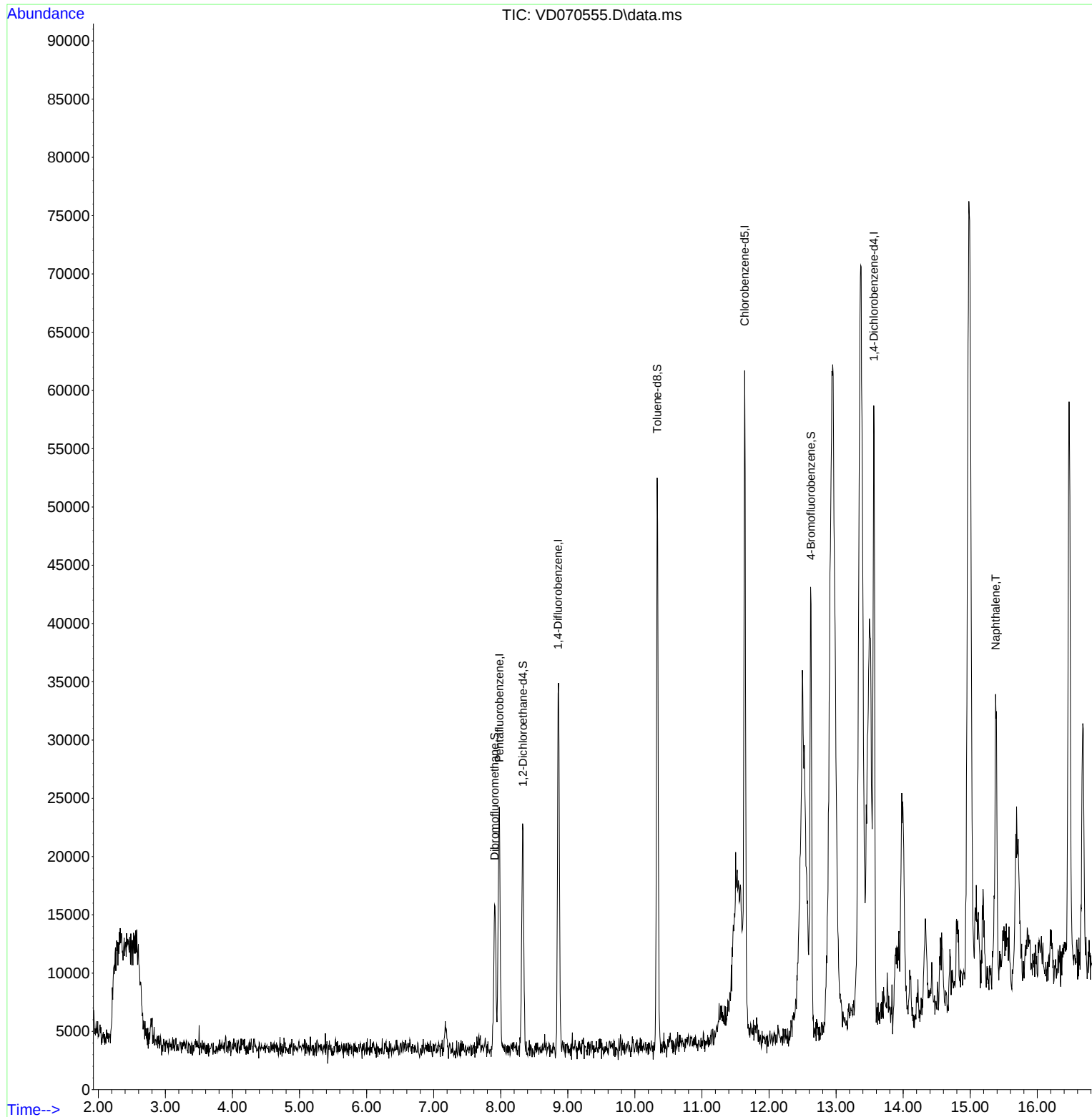
Internal Standards						
1) Pentafluorobenzene	7.979	168	15583	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.855	114	27328	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	29458	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	14430	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	14719	73.56	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	147.12%
35) Dibromofluoromethane	7.908	113	9317	47.90	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.80%
50) Toluene-d8	10.332	98	32576	46.12	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.24%
62) 4-Bromofluorobenzene	12.626	95	11791	47.77	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.54%
Target Compounds						
95) Naphthalene	15.379	128	20446	48.58	ug/l	Qvalue 98

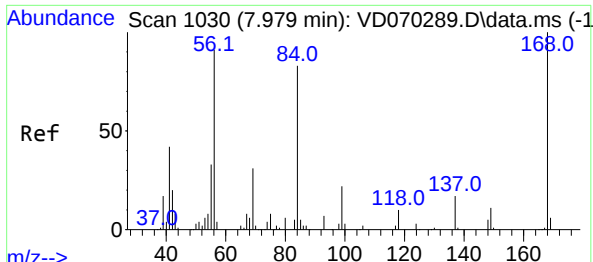
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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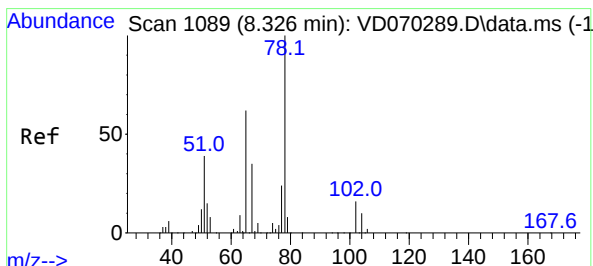
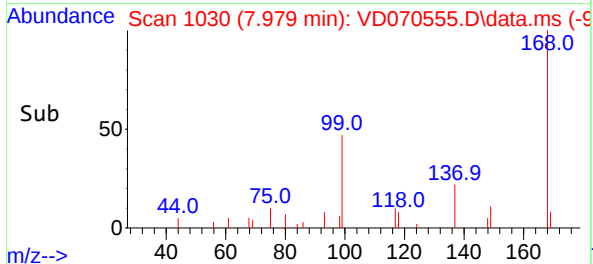
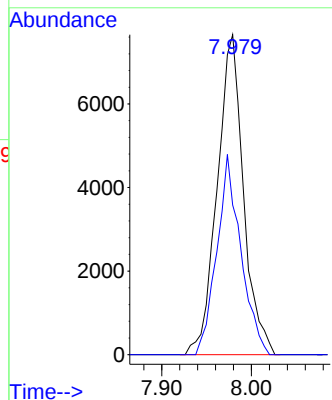
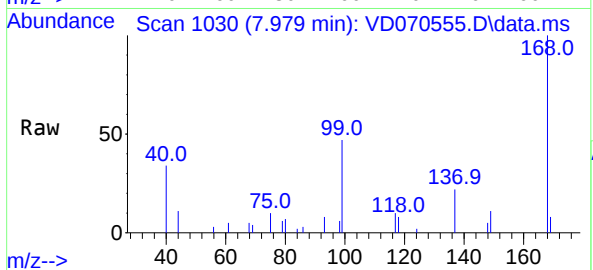




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070555.D
Acq: 04 Oct 2021 17:09

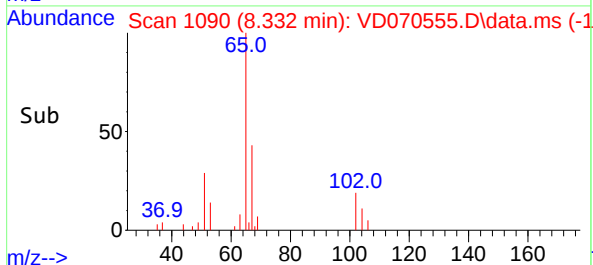
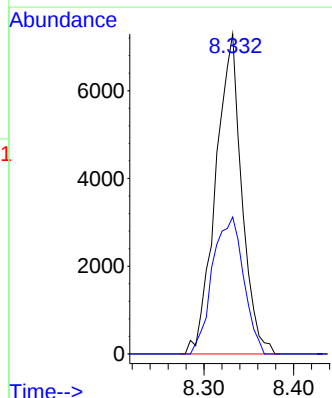
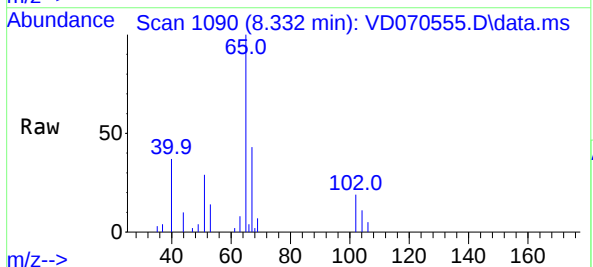
Instrument :
MSVOA_D
ClientSampleId :
EO-01-100121RE

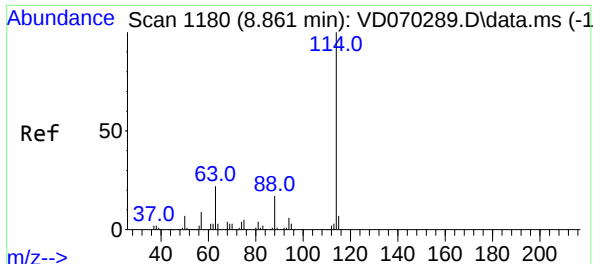
Tgt Ion:168 Resp: 15583
Ion Ratio Lower Upper
168 100
99 46.7 50.8 76.2#



#33
1,2-Dichloroethane-d4
Concen: 73.56 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070555.D
Acq: 04 Oct 2021 17:09

Tgt Ion: 65 Resp: 14719
Ion Ratio Lower Upper
65 100
67 50.9 0.0 111.4



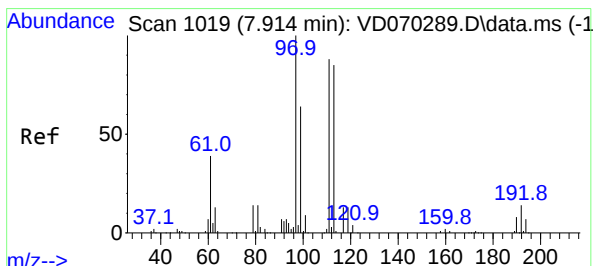
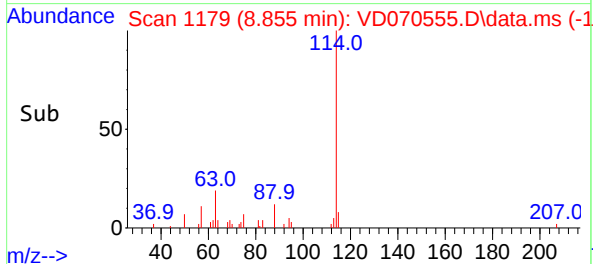
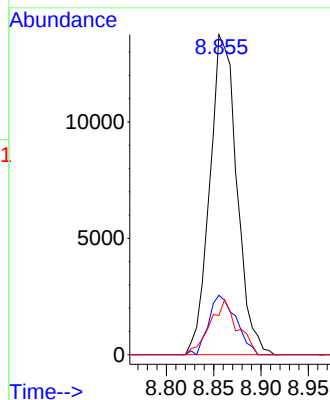
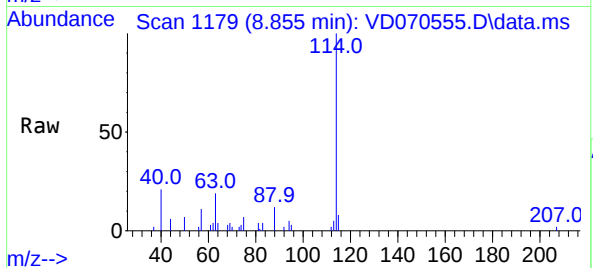


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD070555.D
Acq: 04 Oct 2021 17:09

Instrument :
MSVOA_D
ClientSampleId :
EO-01-100121RE

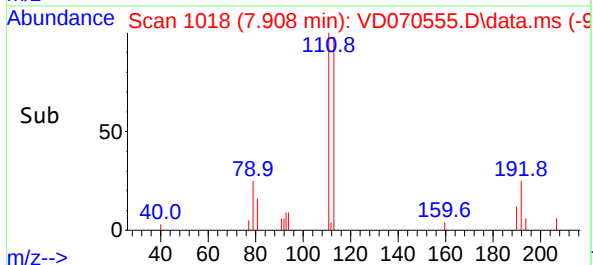
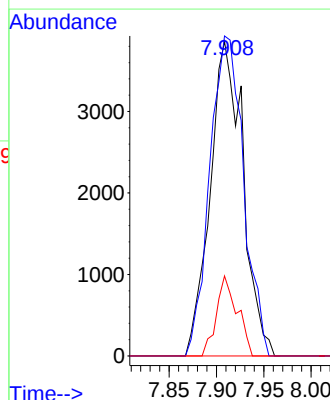
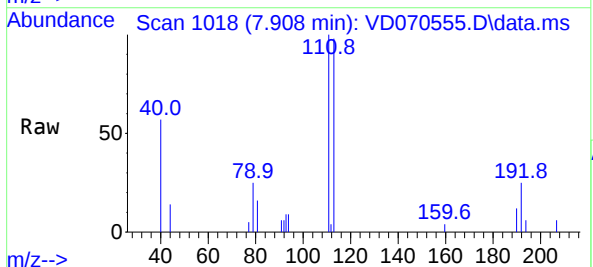
Tgt Ion:	114	Resp:	27328
Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	43.4
88	12.3	0.0	33.4

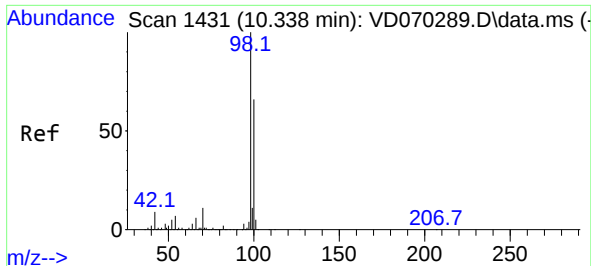


#35

Dibromofluoromethane
Concen: 47.90 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070555.D
Acq: 04 Oct 2021 17:09

Tgt Ion:	113	Resp:	9317
Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.4	122.2
192	16.0	13.0	19.6

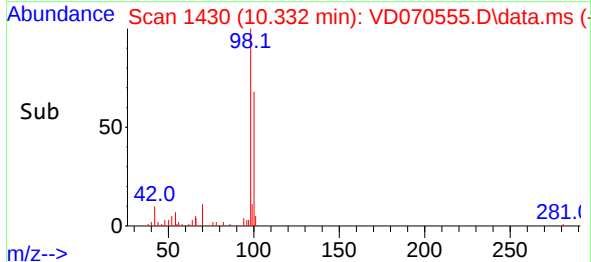
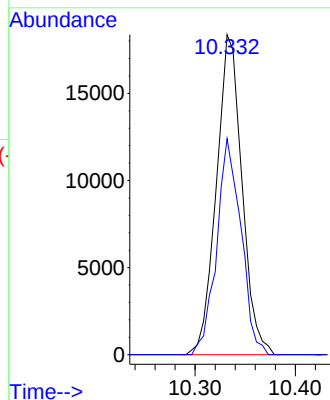
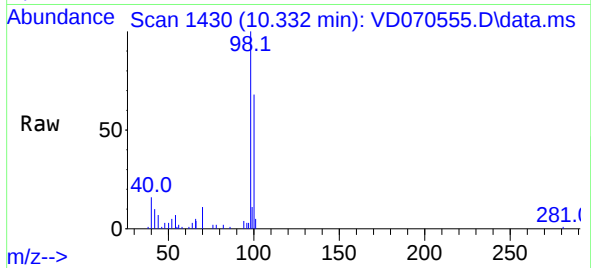




#50
Toluene-d8
Concen: 46.12 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070555.D
Acq: 04 Oct 2021 17:09

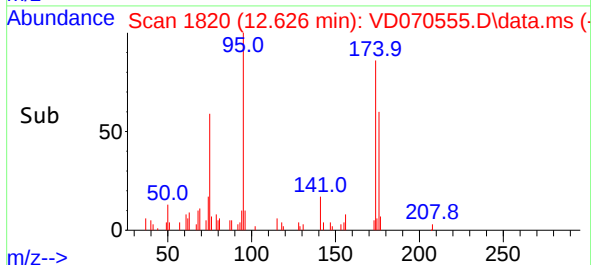
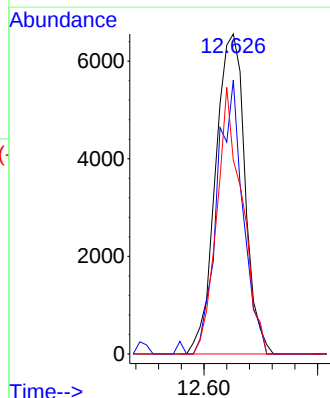
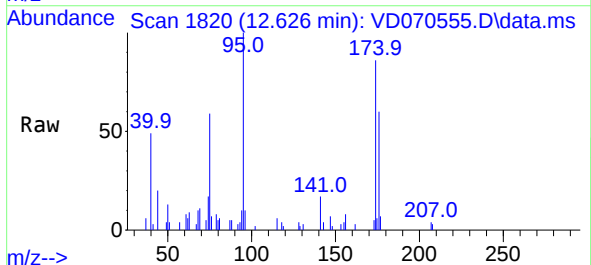
Instrument :
MSVOA_D
ClientSampleId :
EO-01-100121RE

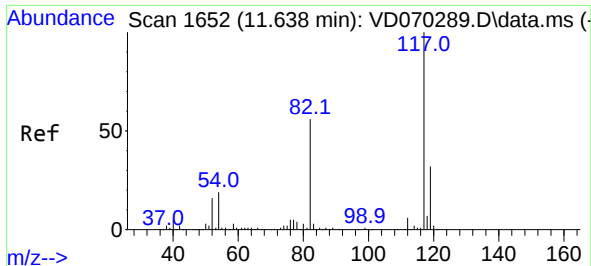
Tgt Ion: 98 Resp: 32576
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.77 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070555.D
Acq: 04 Oct 2021 17:09

Tgt Ion: 95 Resp: 11791
Ion Ratio Lower Upper
95 100
174 75.1 0.0 140.6
176 71.6 0.0 137.4

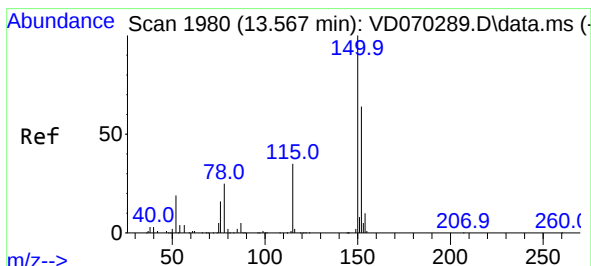
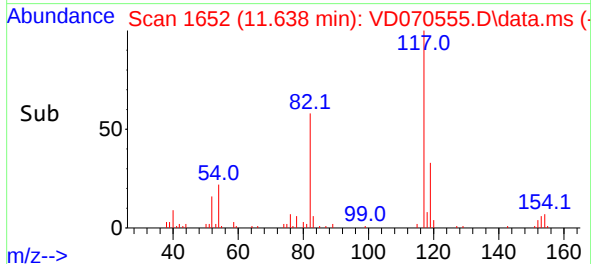
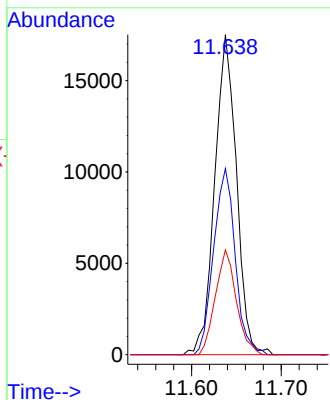
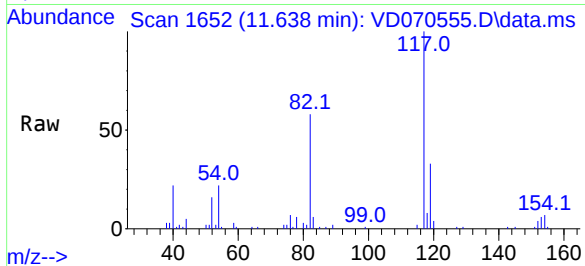




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070555.D
Acq: 04 Oct 2021 17:09

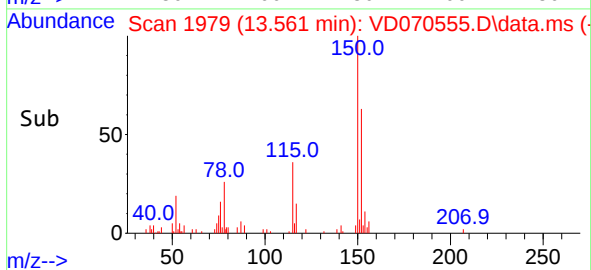
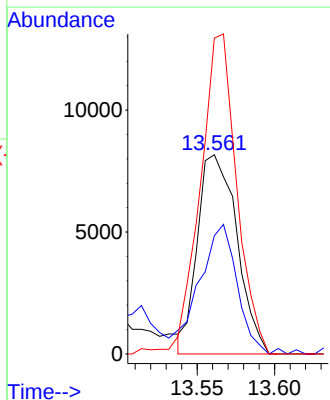
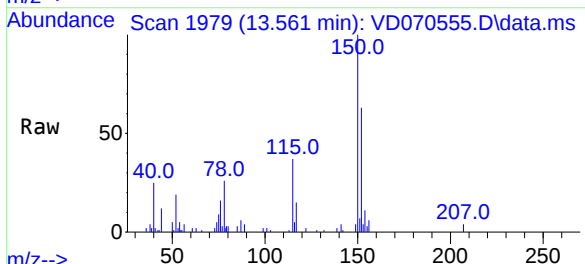
Instrument :
MSVOA_D
ClientSampleId :
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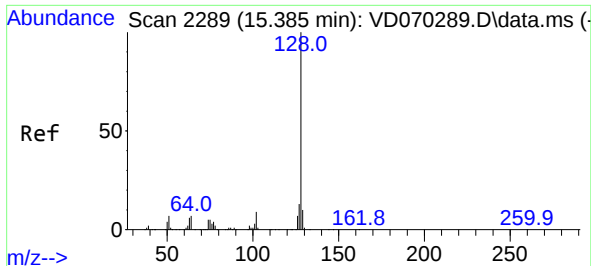
Tgt Ion:	117	Resp:	29458
Ion Ratio	Lower	Upper	
117	100		
82	58.2	45.0	67.4
119	32.7	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070555.D
Acq: 04 Oct 2021 17:09

Tgt Ion:	152	Resp:	14430
Ion Ratio	Lower	Upper	
152	100		
115	63.5	32.1	96.3
150	149.7	0.0	350.6





#95
Naphthalene
Concen: 48.58 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD070555.D
Acq: 04 Oct 2021 17:09

Instrument :
MSVOA_D
ClientSampleId :
EO-01-100121RE

Tgt Ion:	128	Resp:	20446
Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.5	15.7
129	11.3	9.0	13.4

