

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092721\
 Data File : VD070476.D
 Acq On : 27 Sep 2021 14:32
 Operator : VA/SY
 Sample : M3908-03
 Misc : 6.20G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SUP-UST-05-(6-8)

Quant Time: Sep 28 04:13:36 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	1558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	3745	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	3553	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	1256	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	2095	104.723	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	209.440%#
35) Dibromofluoromethane	7.902	113	1187	44.528	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.060%
50) Toluene-d8	10.332	98	3530	36.472	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	72.940%
62) 4-Bromofluorobenzene	12.626	95	1433	42.364	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.720%

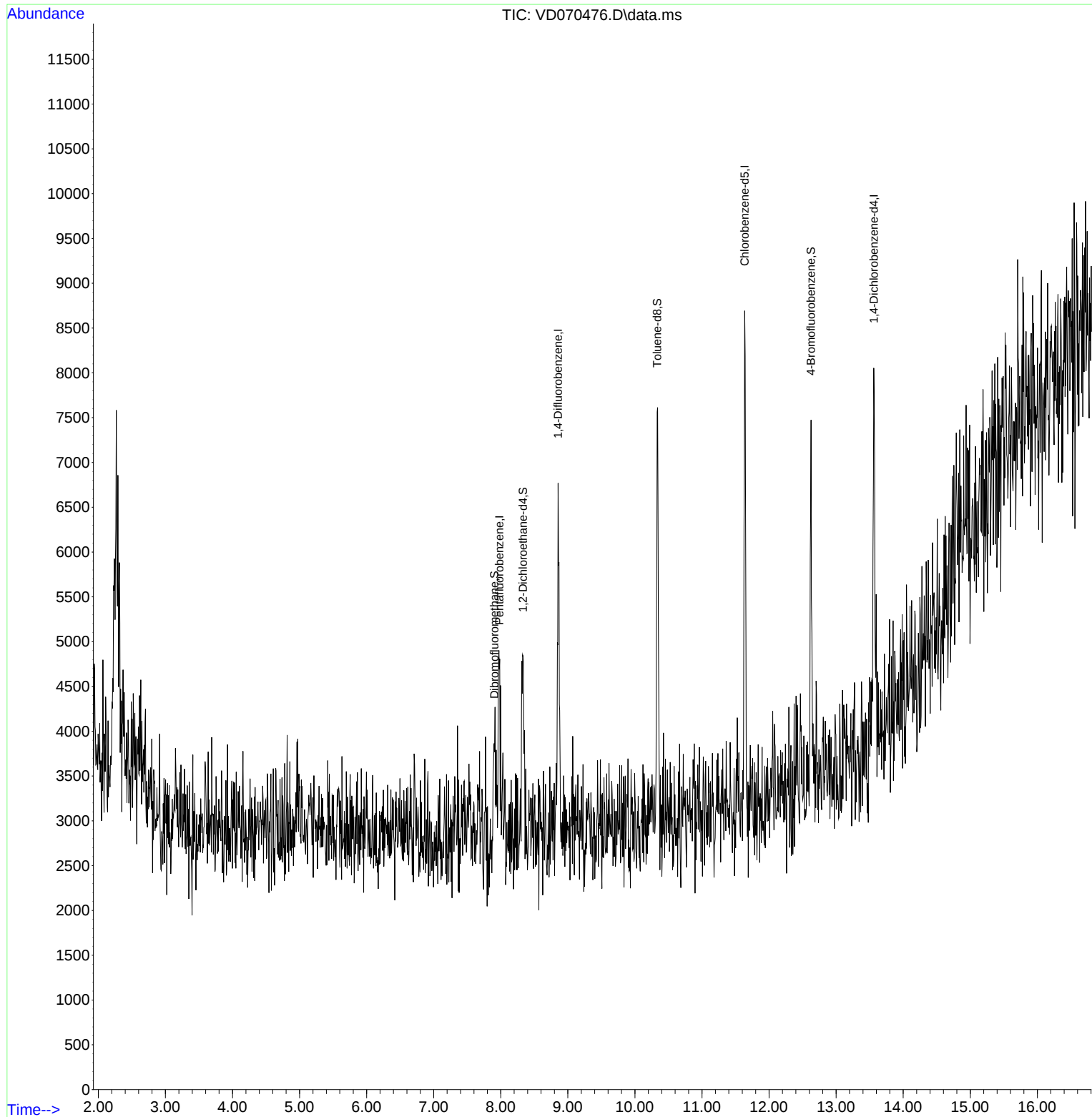
Target Compounds	Qvalue

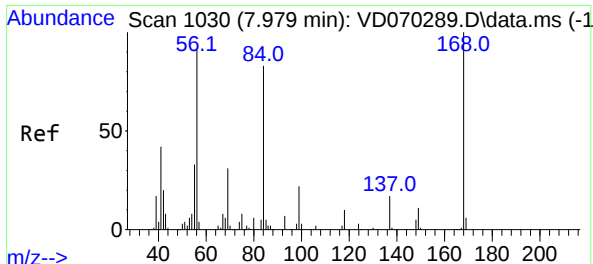
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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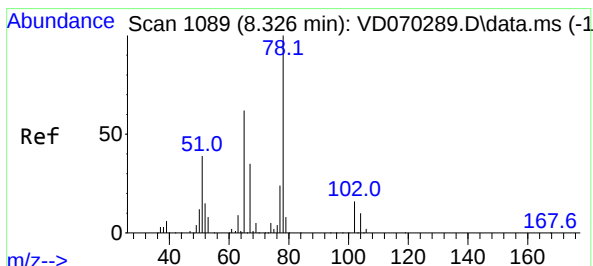
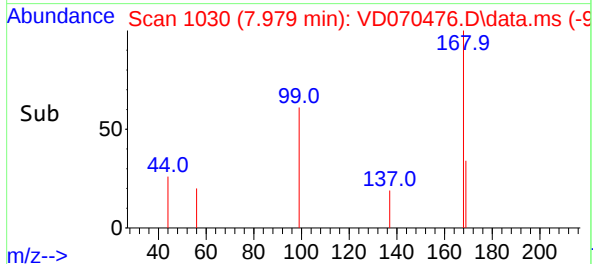
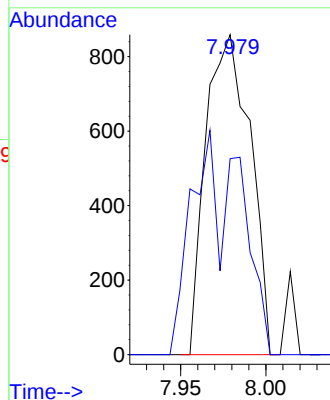
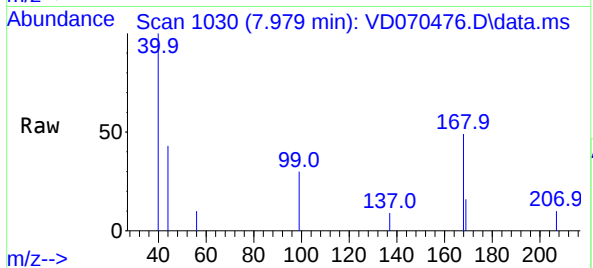




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070476.D
Acq: 27 Sep 2021 14:32

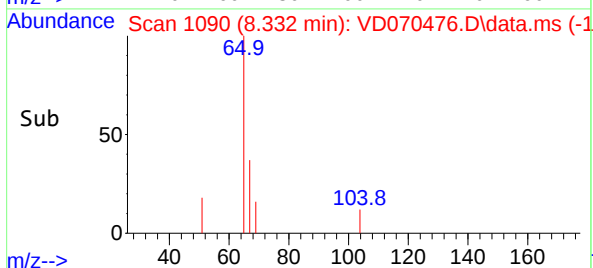
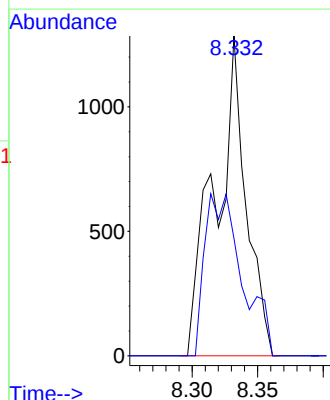
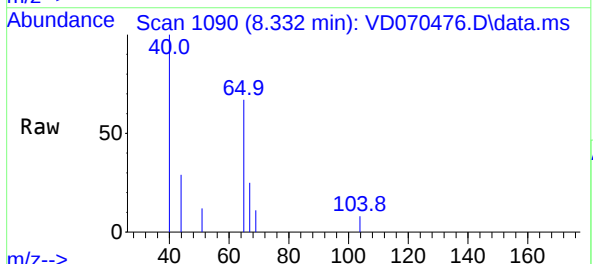
Instrument :
MSVOA_D
ClientSampleId :
SUP-UST-05-(6-8)

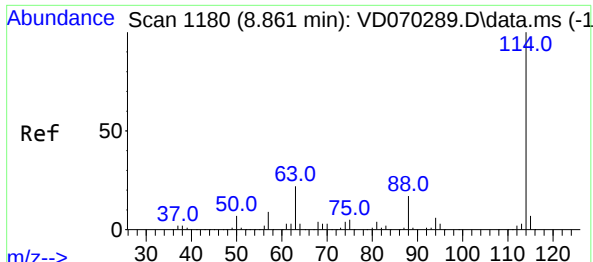
Tgt Ion:168 Resp: 1558
Ion Ratio Lower Upper
168 100
99 61.2 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 104.723 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070476.D
Acq: 27 Sep 2021 14:32

Tgt Ion: 65 Resp: 2095
Ion Ratio Lower Upper
65 100
67 61.4 0.0 111.4

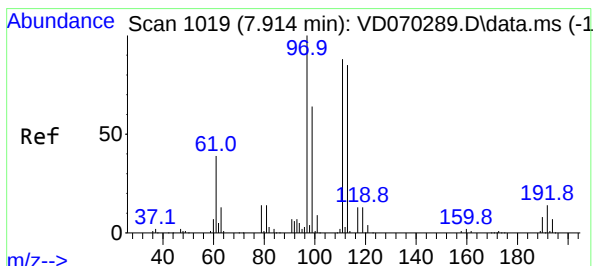
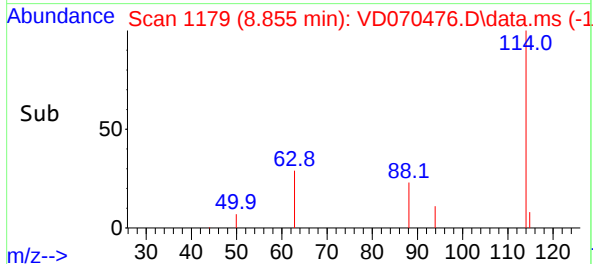
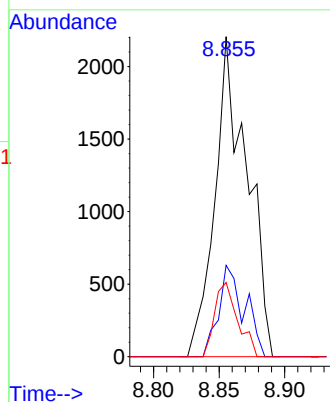
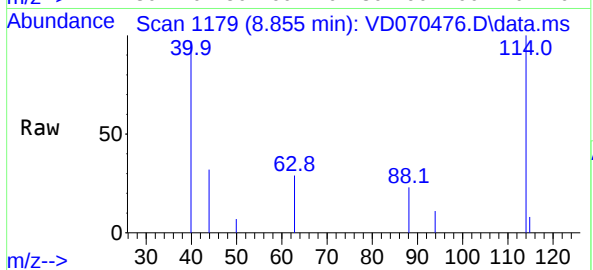




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD070476.D
Acq: 27 Sep 2021 14:32

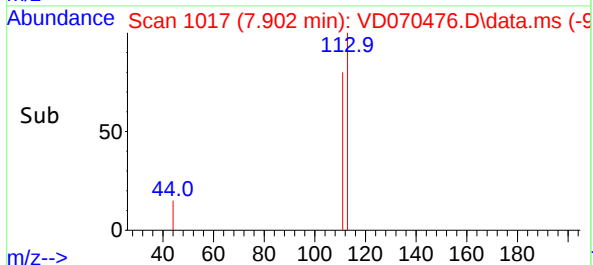
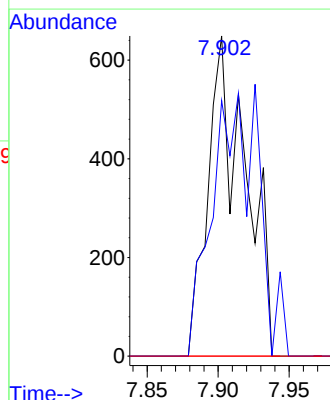
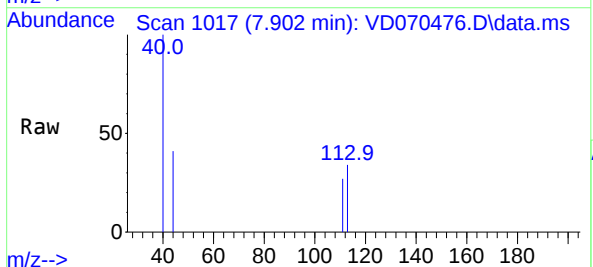
Instrument :
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ClientSampleId :
SUP-UST-05-(6-8)

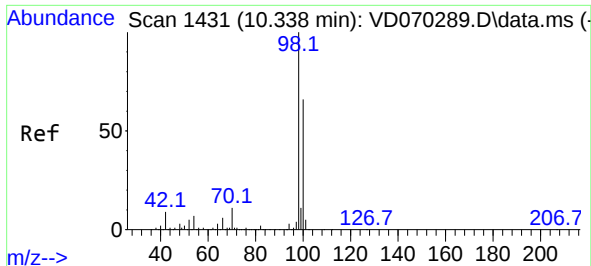
Tgt Ion:	114	Resp:	3745
Ion	Ratio	Lower	Upper
114	100		
63	28.6	0.0	43.4
88	23.2	0.0	33.4



#35
Dibromofluoromethane
Concen: 44.528 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.012 min
Lab File: VD070476.D
Acq: 27 Sep 2021 14:32

Tgt Ion:	113	Resp:	1187
Ion	Ratio	Lower	Upper
113	100		
111	0.0	81.4	122.2#
192	0.0	13.0	19.6#

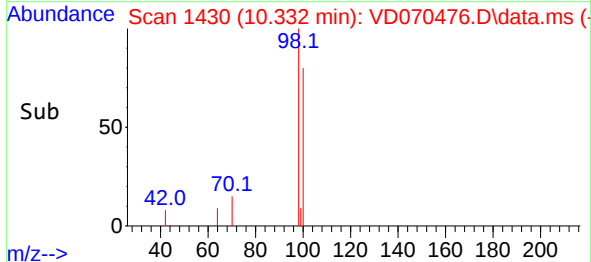
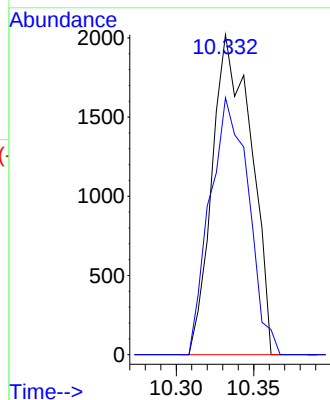
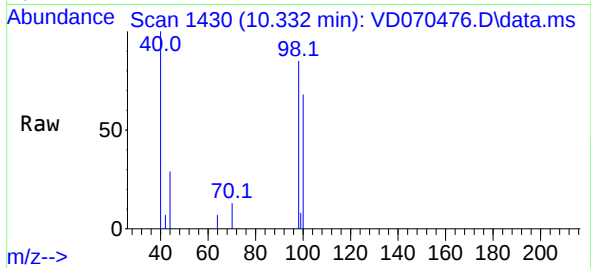




#50
Toluene-d8
Concen: 36.472 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070476.D
Acq: 27 Sep 2021 14:32

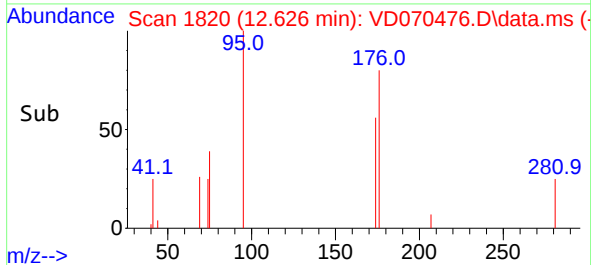
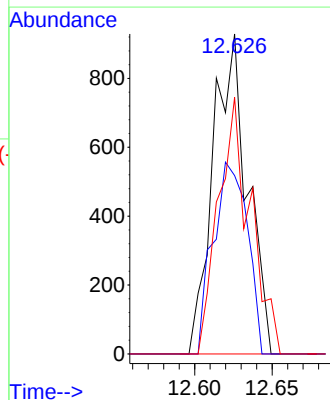
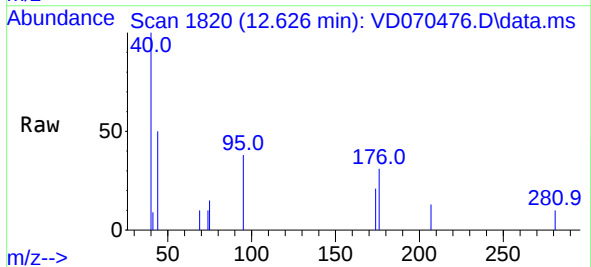
Instrument :
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ClientSampleId :
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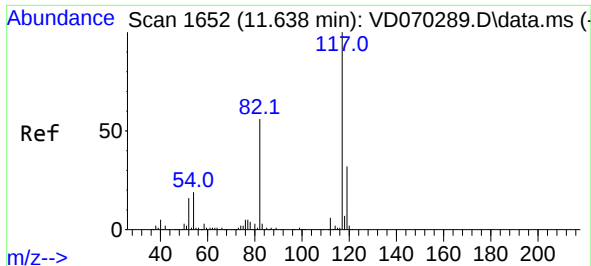
Tgt Ion: 98 Resp: 3530
Ion Ratio Lower Upper
98 100
100 79.4 52.0 78.0#



#62
4-Bromofluorobenzene
Concen: 42.364 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070476.D
Acq: 27 Sep 2021 14:32

Tgt Ion: 95 Resp: 1433
Ion Ratio Lower Upper
95 100
174 59.6 0.0 140.6
176 74.6 0.0 137.4

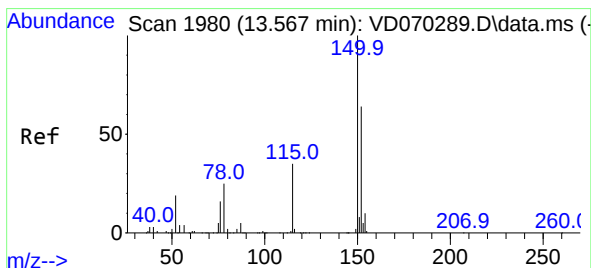
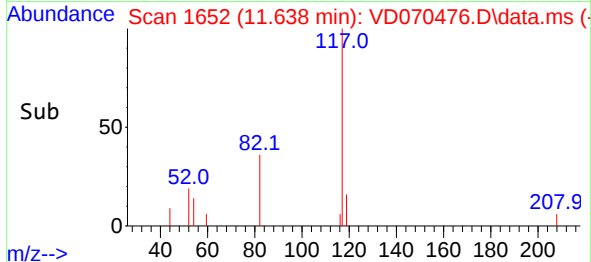
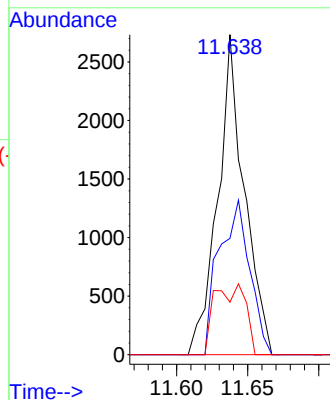
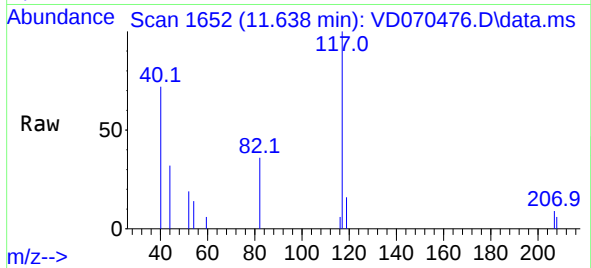




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070476.D
Acq: 27 Sep 2021 14:32

Instrument :
MSVOA_D
ClientSampleId :
SUP-UST-05-(6-8)

Tgt Ion:	117	Resp:	3553
Ion	Ratio	Lower	Upper
117	100		
82	36.4	45.0	67.4#
119	16.4	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: VD070476.D
Acq: 27 Sep 2021 14:32

Tgt Ion:	152	Resp:	1256
Ion	Ratio	Lower	Upper
152	100		
115	82.3	32.1	96.3
150	182.6	0.0	350.6

