

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081721\
 Data File : VD070089.D
 Acq On : 17 Aug 2021 15:40
 Operator : VA/SY
 Sample : M3445-03
 Misc : 5.73G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TT-087-RW7-IDWSO-20210816-2

Quant Time: Aug 18 03:07:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	30532	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	55438	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	60505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	27069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	32323	90.010	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 180.020%#	
35) Dibromofluoromethane	7.908	113	20866	58.258	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.520%	
50) Toluene-d8	10.338	98	68800	49.387	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.780%	
62) 4-Bromofluorobenzene	12.626	95	25515	55.608	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.220%	

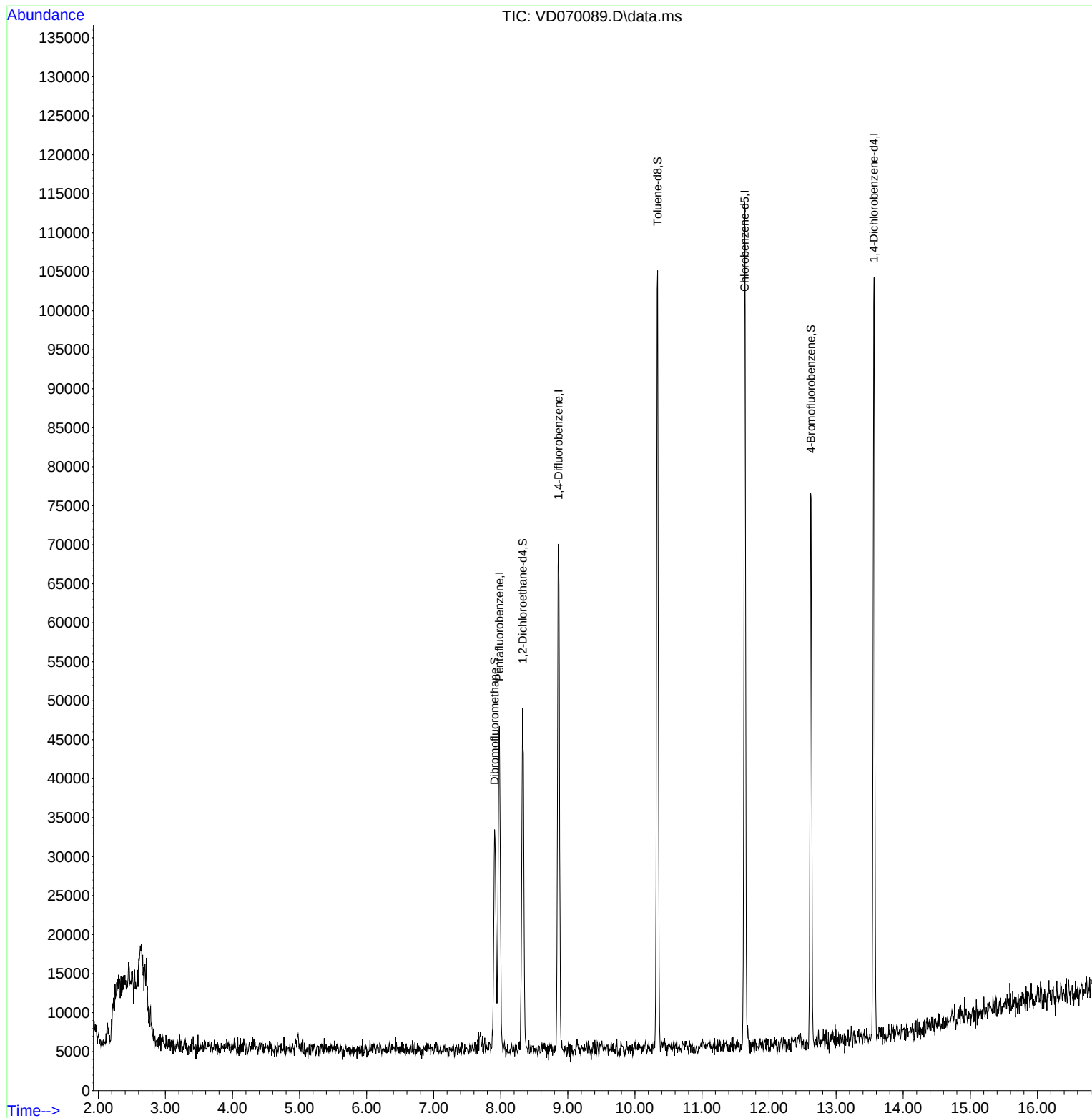
Target Compounds	Qvalue

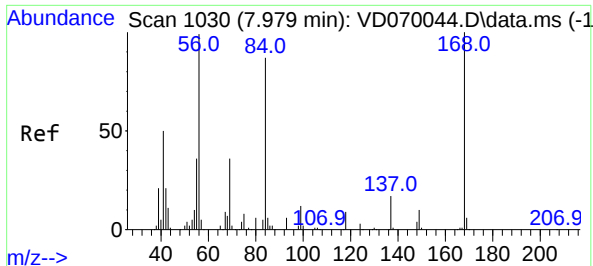
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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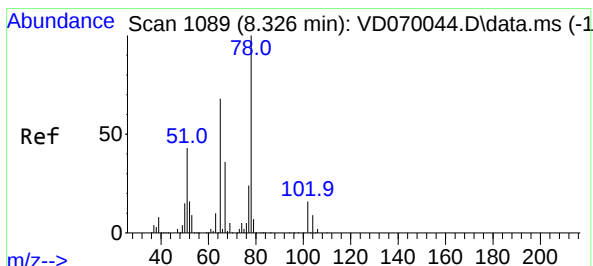
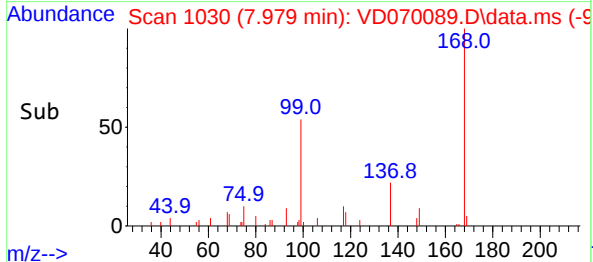
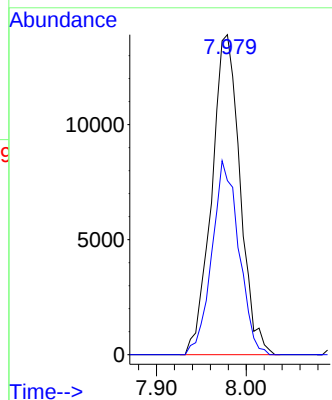
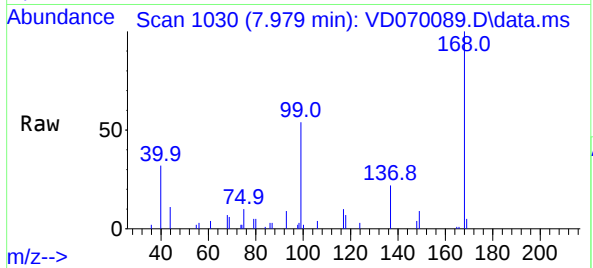




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070089.D
Acq: 17 Aug 2021 15:40

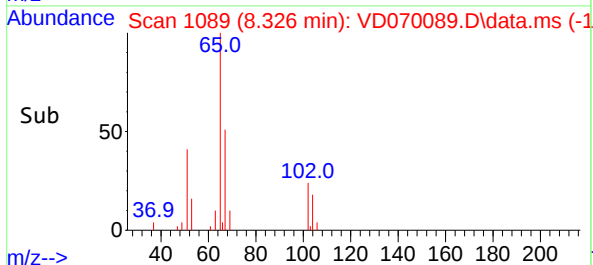
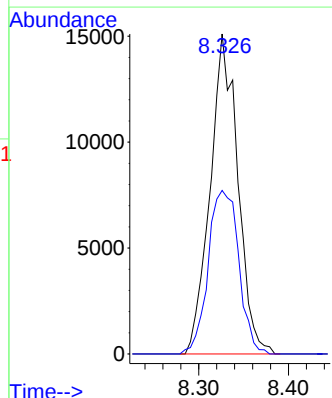
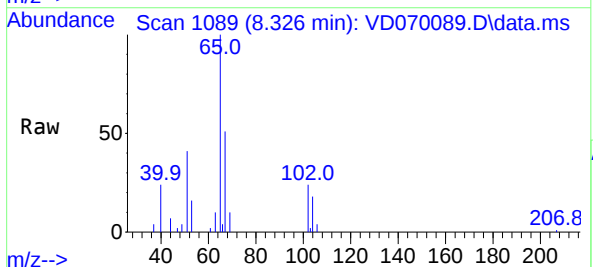
Instrument :
MSVOA_D
ClientSampleId :
TT-087-RW7-IDWSO-20210816-2

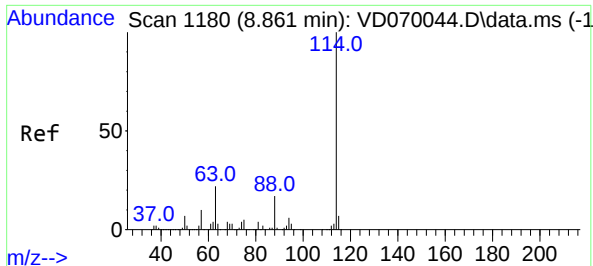
Tgt Ion:168 Resp: 30532
Ion Ratio Lower Upper
168 100
99 54.4 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 90.010 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070089.D
Acq: 17 Aug 2021 15:40

Tgt Ion: 65 Resp: 32323
Ion Ratio Lower Upper
65 100
67 56.4 0.0 107.8



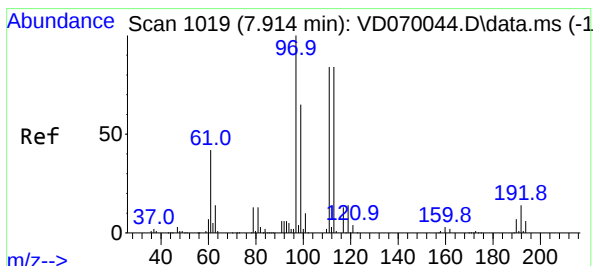
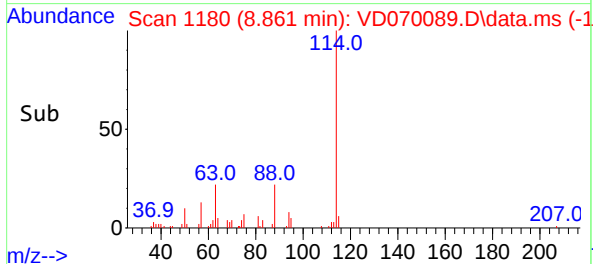
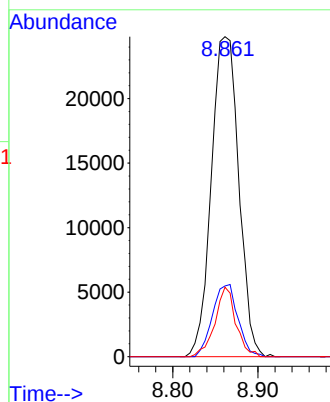
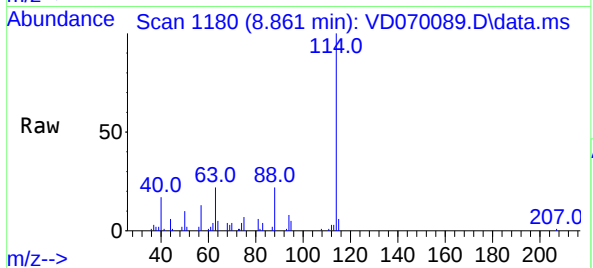


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070089.D
Acq: 17 Aug 2021 15:40

Instrument :
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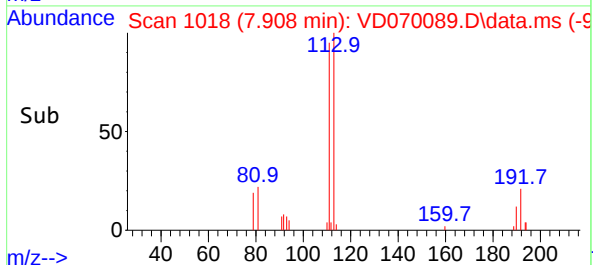
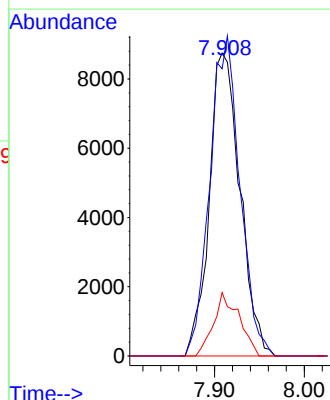
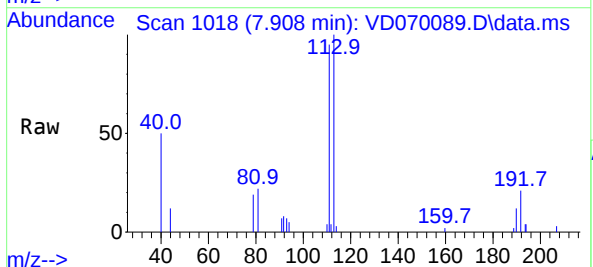
Tgt Ion:	114	Resp:	55438
Ion Ratio	Lower	Upper	
114	100		
63	22.1	0.0	43.6
88	21.7	0.0	33.4

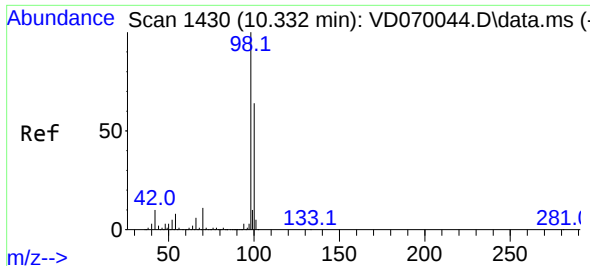


#35

Dibromofluoromethane
Concen: 58.258 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070089.D
Acq: 17 Aug 2021 15:40

Tgt Ion:	113	Resp:	20866
Ion Ratio	Lower	Upper	
113	100		
111	103.1	81.8	122.6
192	17.3	13.2	19.8

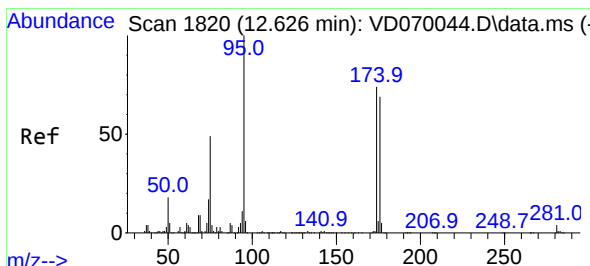
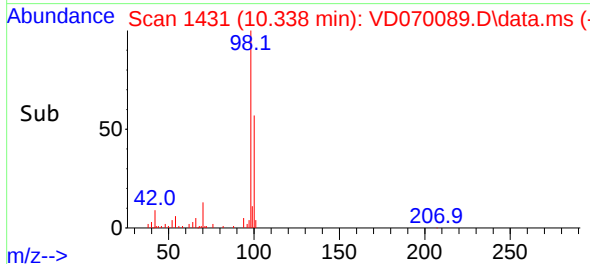
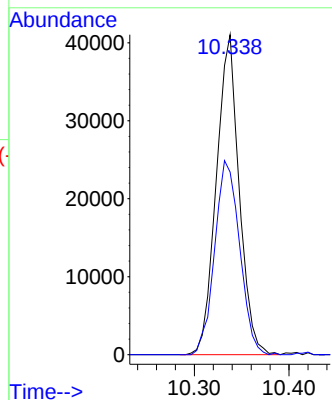
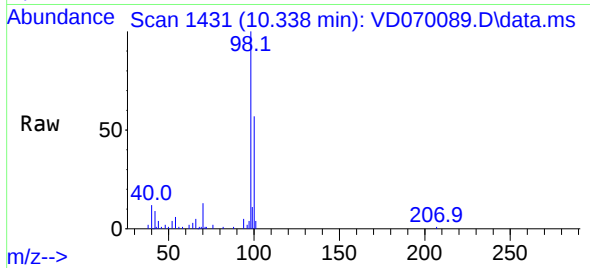




#50
Toluene-d8
Concen: 49.387 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070089.D
Acq: 17 Aug 2021 15:40

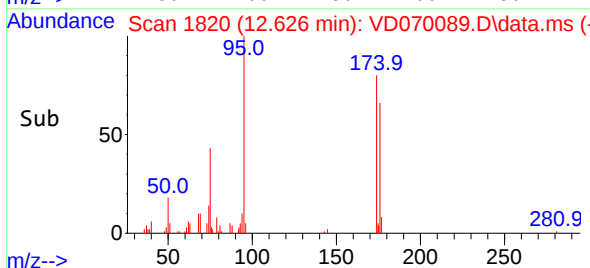
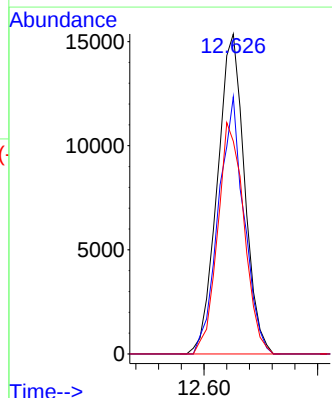
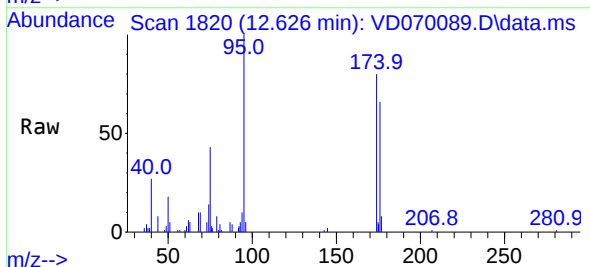
Instrument :
MSVOA_D
ClientSampleId :
TT-087-RW7-IDWSO-20210816-2

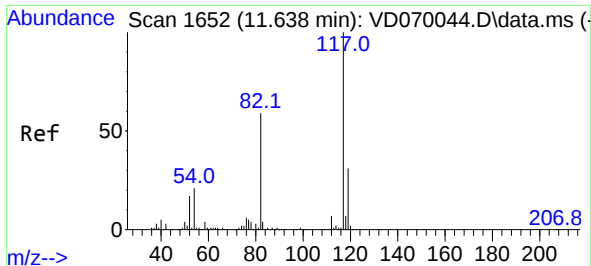
Tgt Ion: 98 Resp: 68800
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 55.608 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070089.D
Acq: 17 Aug 2021 15:40

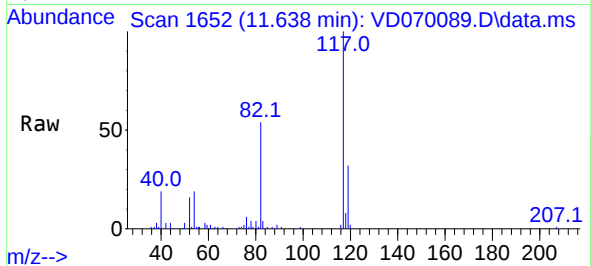
Tgt Ion: 95 Resp: 25515
Ion Ratio Lower Upper
95 100
174 76.1 0.0 141.6
176 70.3 0.0 138.2



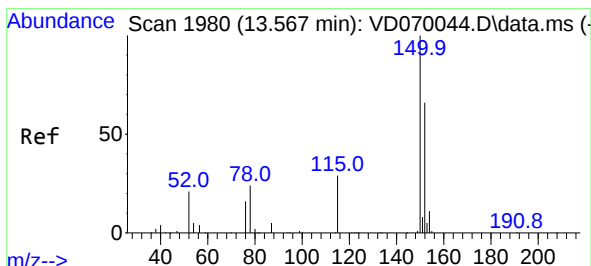
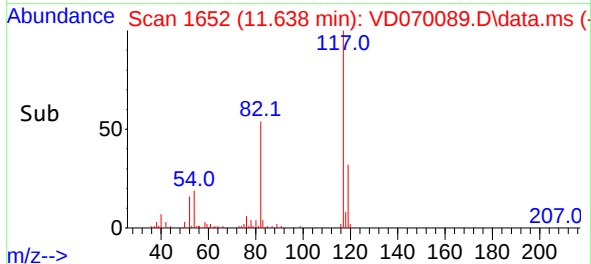
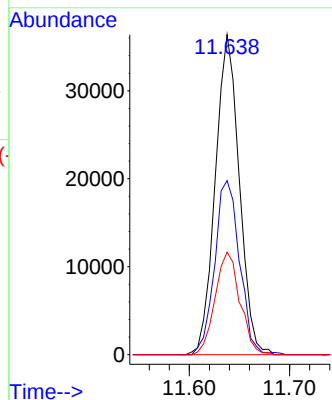


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070089.D
Acq: 17 Aug 2021 15:40

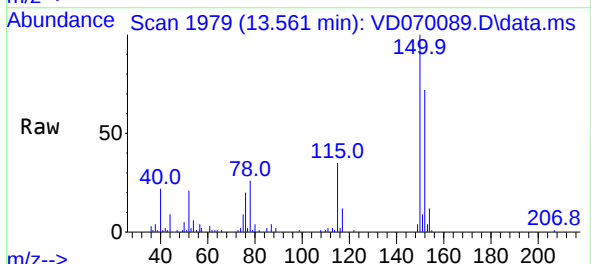
Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:117	Resp: 60505
Ion Ratio	Lower Upper
117 100	
82 54.4	47.5 71.3
119 32.1	25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070089.D
Acq: 17 Aug 2021 15:40



Tgt Ion:152	Resp: 27069
Ion Ratio	Lower Upper
152 100	
115 57.6	31.2 93.6
150 155.4	0.0 352.0

