

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072121\
 Data File : VD069791.D
 Acq On : 21 Jul 2021 15:17
 Operator : VA/SY
 Sample : M3089-03
 Misc : 3.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAR-N2-D-BOTTOM-(4-11)

Quant Time: Jul 22 03:41:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	6514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.862	114	10540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	15339	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	7558	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	4514	55.498	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.000%
35) Dibromofluoromethane	7.909	113	3504	49.554	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.100%
50) Toluene-d8	10.338	98	16805	61.173	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	122.340%
62) 4-Bromofluorobenzene	12.620	95	8413	91.826	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	183.660%#

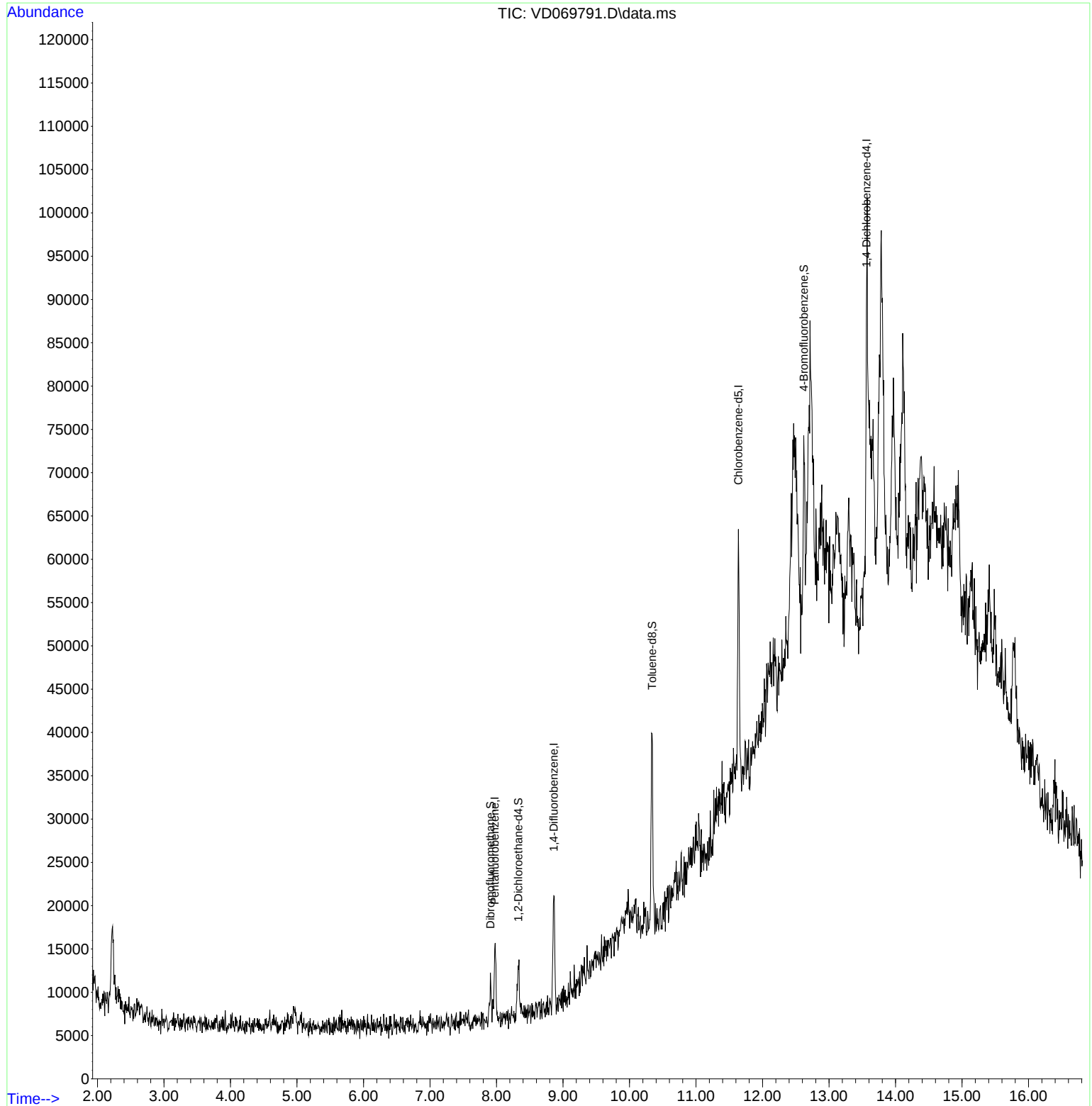
Target Compounds	Qvalue

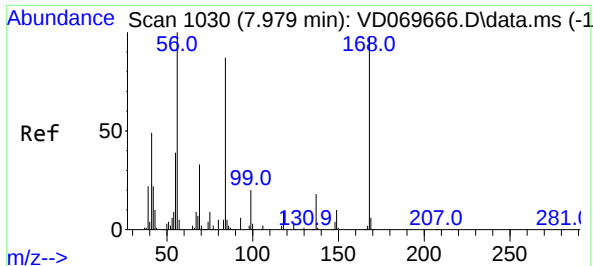
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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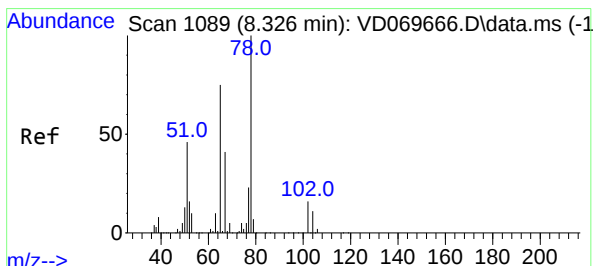
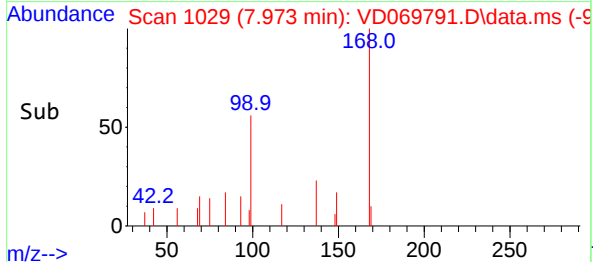
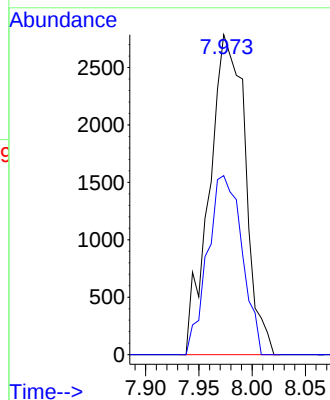
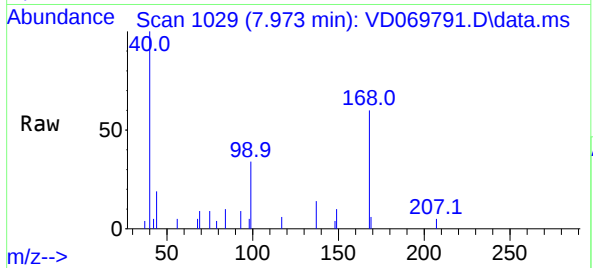




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD069791.D
Acq: 21 Jul 2021 15:17

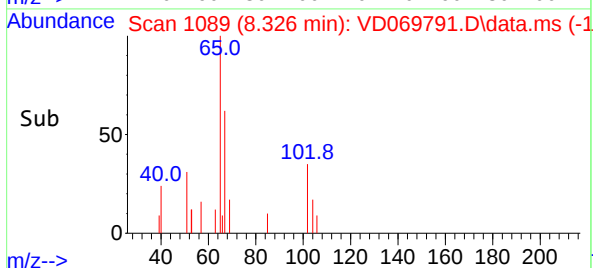
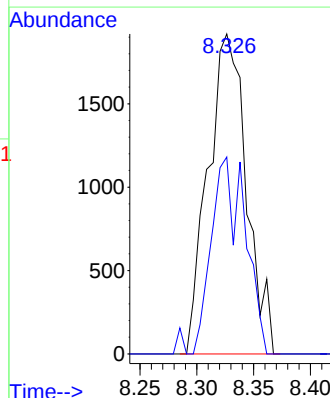
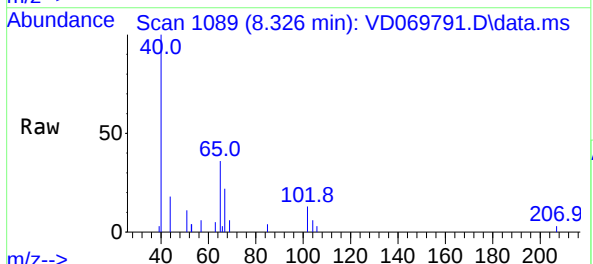
Instrument :
MSVOA_D
ClientSampleId :
PAR-N2-D-BOTTOM-(4-11)

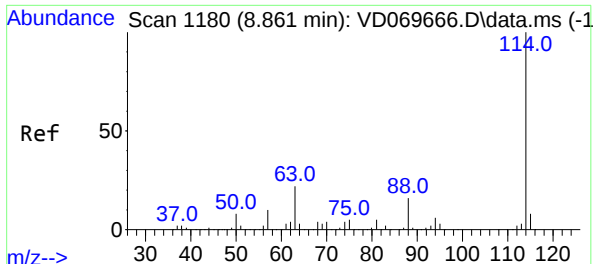
Tgt Ion:168 Resp: 6514
Ion Ratio Lower Upper
168 100
99 56.0 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 55.498 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD069791.D
Acq: 21 Jul 2021 15:17

Tgt Ion: 65 Resp: 4514
Ion Ratio Lower Upper
65 100
67 54.1 0.0 107.2



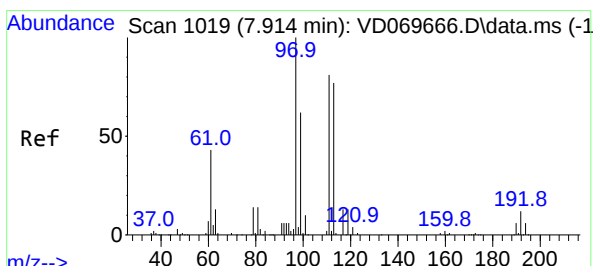
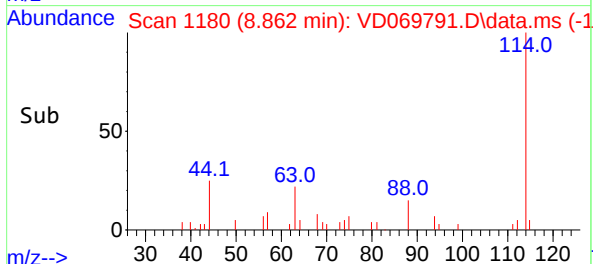
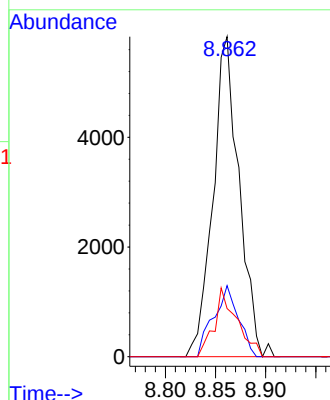
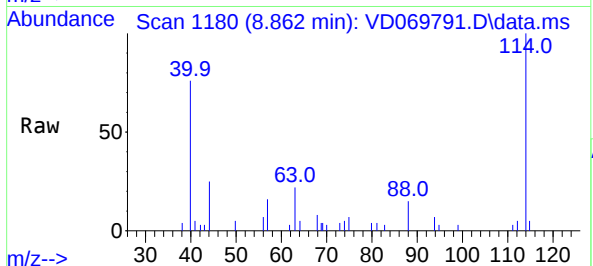


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.862 min Scan# 1180
Delta R.T. 0.001 min
Lab File: VD069791.D
Acq: 21 Jul 2021 15:17

Instrument :
MSVOA_D
ClientSampleId :
PAR-N2-D-BOTTOM-(4-11)

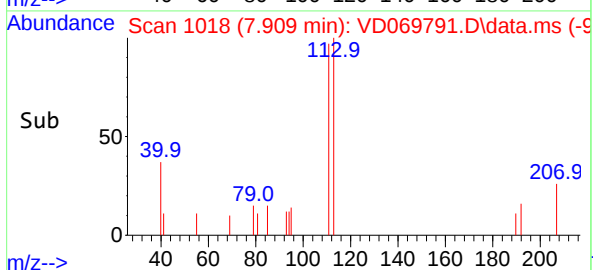
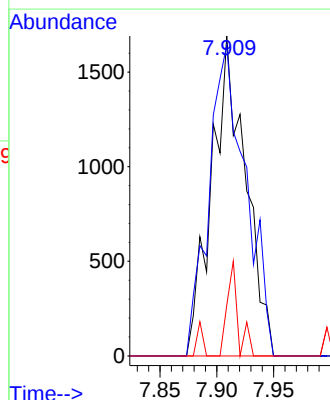
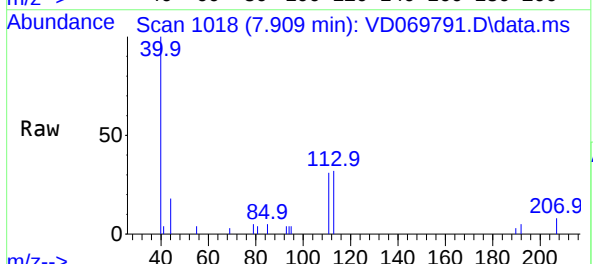
Tgt Ion:	114	Resp:	10540
Ion Ratio	Lower	Upper	
114	100		
63	22.2	0.0	43.4
88	15.1	0.0	32.0

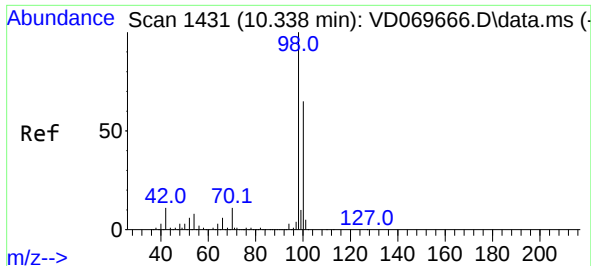


#35

Dibromofluoromethane
Concen: 49.554 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.005 min
Lab File: VD069791.D
Acq: 21 Jul 2021 15:17

Tgt Ion:	113	Resp:	3504
Ion Ratio	Lower	Upper	
113	100		
111	106.0	82.6	123.8
192	9.6	12.7	19.1#

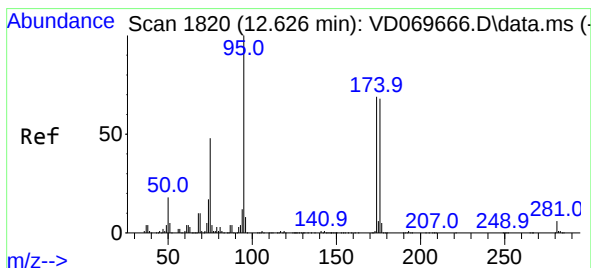
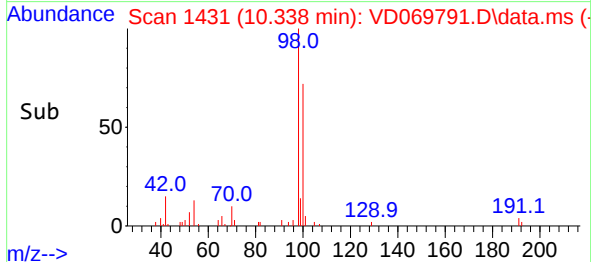
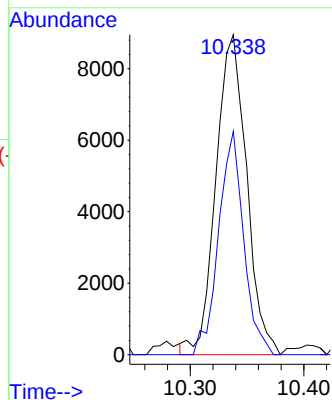
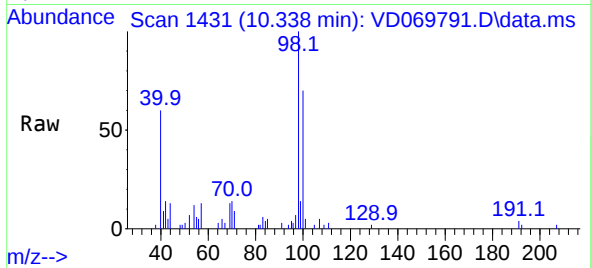




#50
Toluene-d8
Concen: 61.173 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069791.D
Acq: 21 Jul 2021 15:17

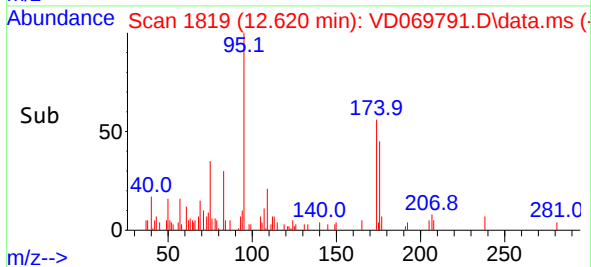
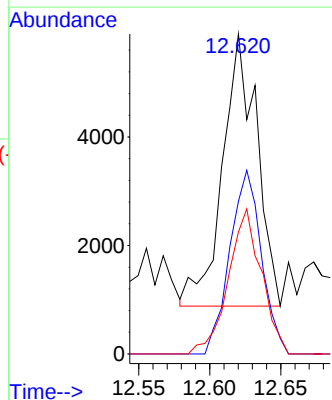
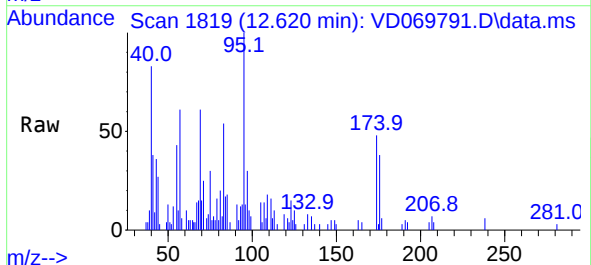
Instrument :
MSVOA_D
ClientSampleId :
PAR-N2-D-BOTTOM-(4-11)

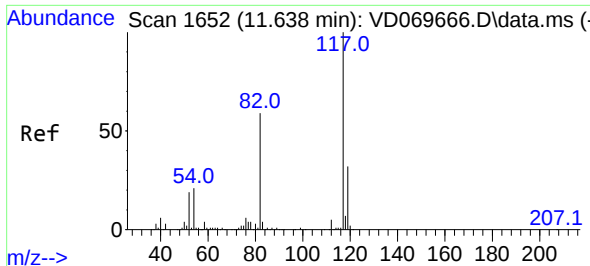
Tgt Ion: 98 Resp: 16805
Ion Ratio Lower Upper
98 100
100 57.2 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 91.826 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD069791.D
Acq: 21 Jul 2021 15:17

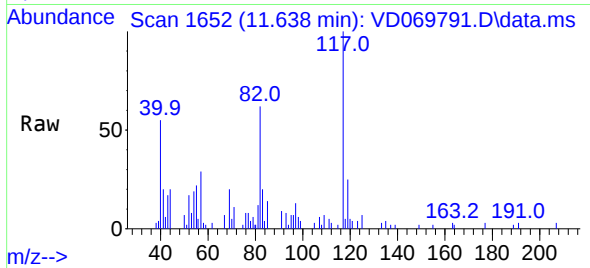
Tgt Ion: 95 Resp: 8413
Ion Ratio Lower Upper
95 100
174 62.2 0.0 140.0
176 51.3 0.0 136.2



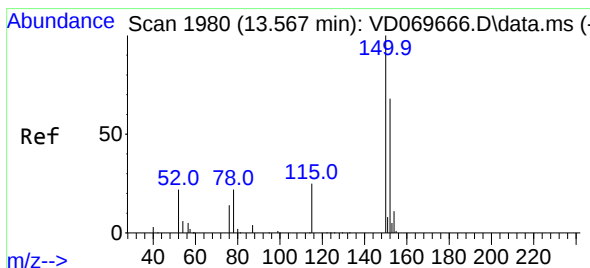
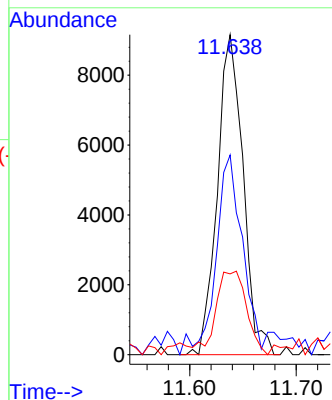
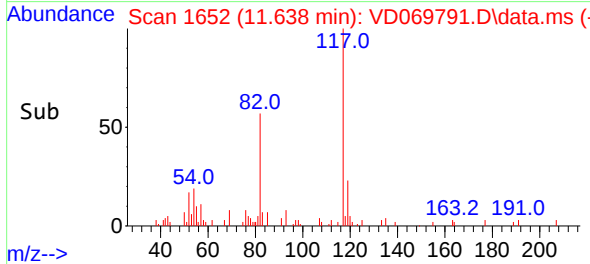


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069791.D
Acq: 21 Jul 2021 15:17

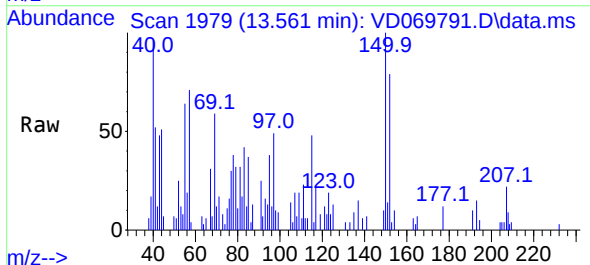
Instrument :
MSVOA_D
ClientSampleId :
PAR-N2-D-BOTTOM-(4-11)



Tgt Ion:117 Resp: 15339
Ion Ratio Lower Upper
117 100
82 62.4 47.4 71.2
119 23.0 25.5 38.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD069791.D
Acq: 21 Jul 2021 15:17



Tgt Ion:152 Resp: 7558
Ion Ratio Lower Upper
152 100
115 60.9 31.7 95.1
150 130.1 0.0 350.4

