

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081721\
 Data File : VD070095.D
 Acq On : 17 Aug 2021 18:32
 Operator : VA/SY
 Sample : M3412-03
 Misc : 6.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampled :
 PG-3

Quant Time: Aug 18 03:07:55 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	495712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1011211	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	964557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	363999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	370517	63.550	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.100%
35) Dibromofluoromethane	7.914	113	355264	54.379	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.760%
50) Toluene-d8	10.338	98	1311730	51.622	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.240%
62) 4-Bromofluorobenzene	12.626	95	406823	48.608	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.220%

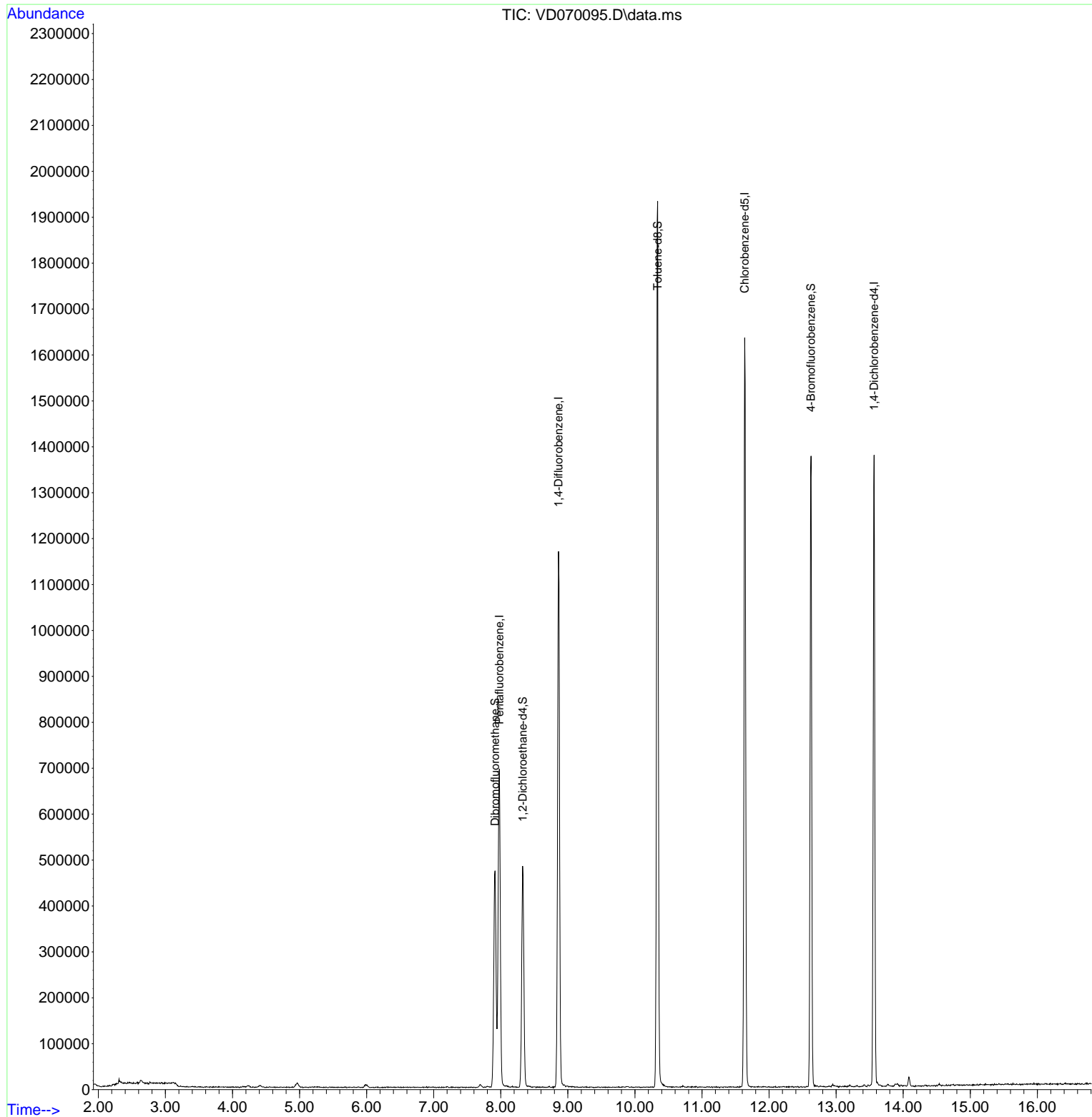
Target Compounds Qvalue

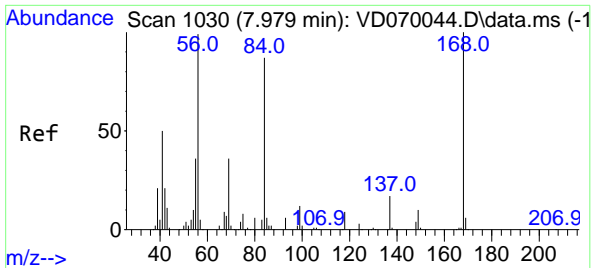
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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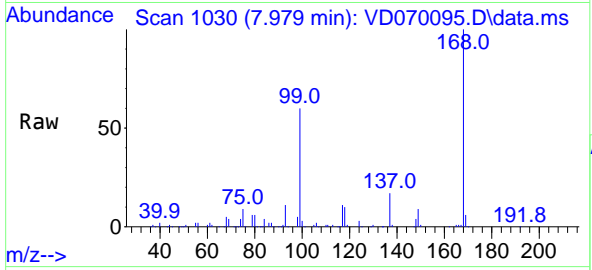
Quant Time: Aug 18 03:07:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
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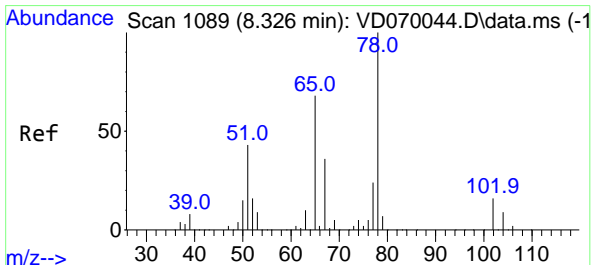
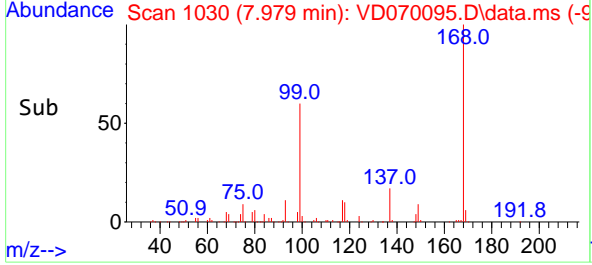
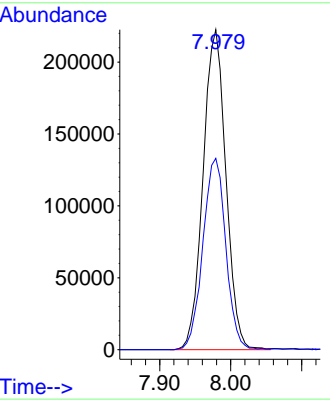


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. 0.000 min
 Lab File: VD070095.D
 Acq: 17 Aug 2021 18:32

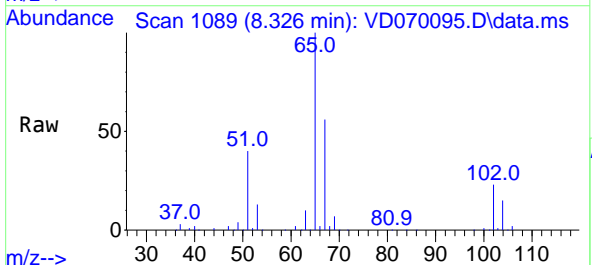
Instrument :
 MSVOA_D
 ClientSampled :
 PG-3



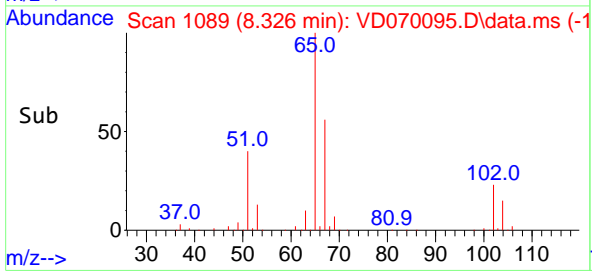
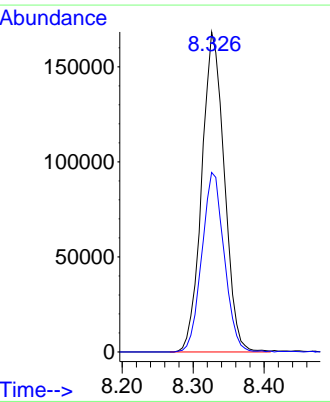
Tgt Ion:168 Resp: 495712
 Ion Ratio Lower Upper
 168 100
 99 59.8 50.3 75.5

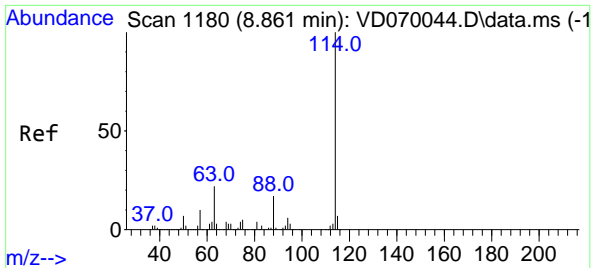


#33
 1,2-Dichloroethane-d4
 Concen: 63.550 ug/l
 RT: 8.326 min Scan# 1089
 Delta R.T. -0.000 min
 Lab File: VD070095.D
 Acq: 17 Aug 2021 18:32



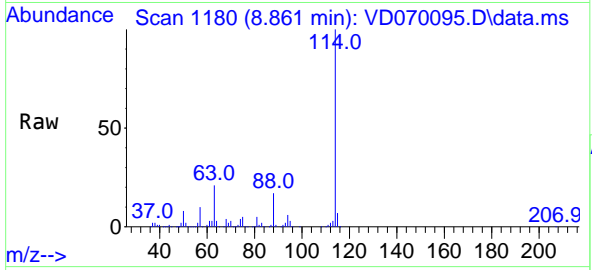
Tgt Ion: 65 Resp: 370517
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 107.8





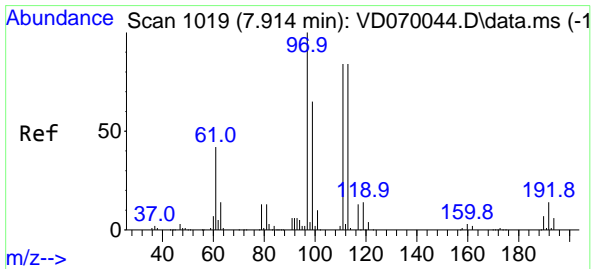
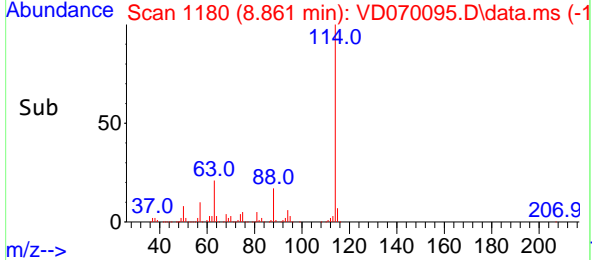
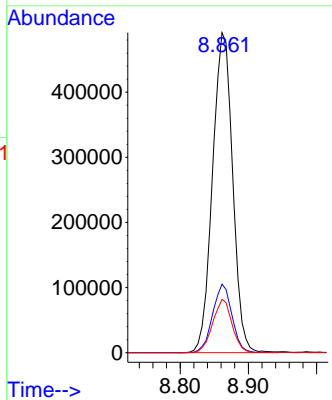
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.861 min Scan# 1180
 Delta R.T. -0.000 min
 Lab File: VD070095.D
 Acq: 17 Aug 2021 18:32

Instrument :
 MSVOA_D
 ClientSampled :
 PG-3

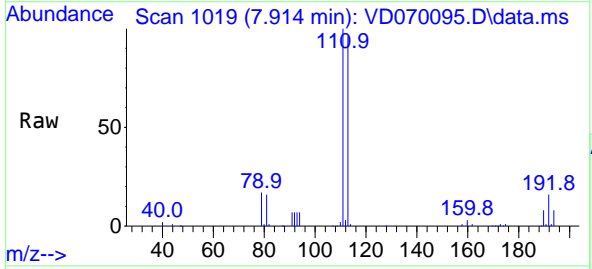


Tgt Ion:114 Resp: 1011211

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	43.6
88	16.6	0.0	33.4

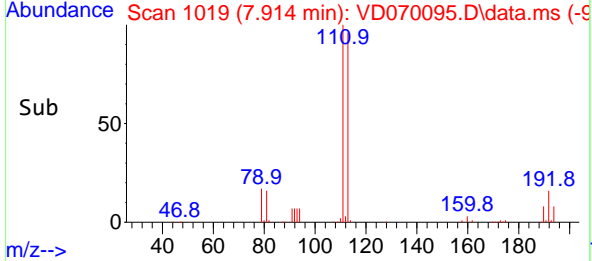
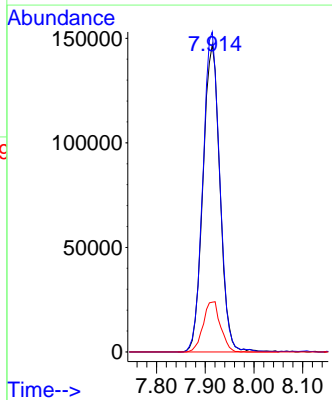


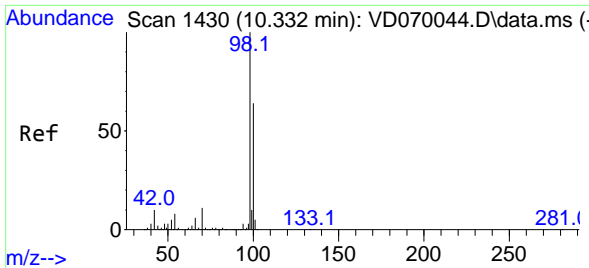
#35
 Dibromofluoromethane
 Concen: 54.379 ug/l
 RT: 7.914 min Scan# 1019
 Delta R.T. 0.000 min
 Lab File: VD070095.D
 Acq: 17 Aug 2021 18:32



Tgt Ion:113 Resp: 355264

Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.8	122.6
192	16.7	13.2	19.8

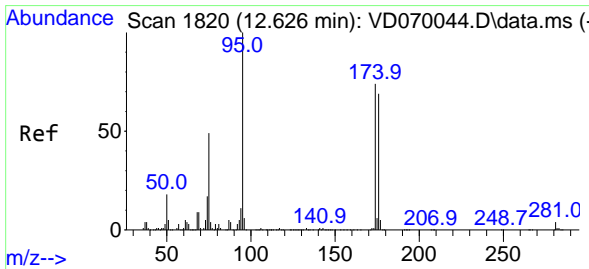
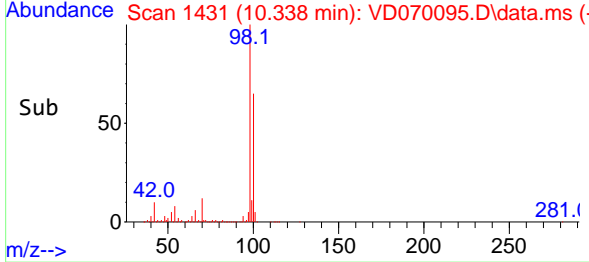
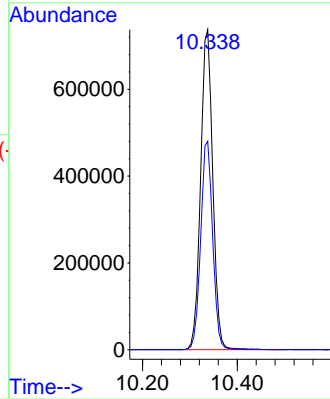
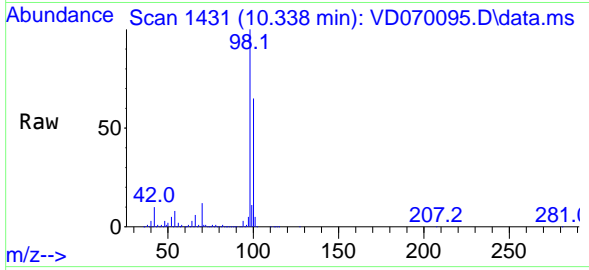




#50
 Toluene-d8
 Concen: 51.622 ug/l
 RT: 10.338 min Scan# 1431
 Delta R.T. 0.006 min
 Lab File: VD070095.D
 Acq: 17 Aug 2021 18:32

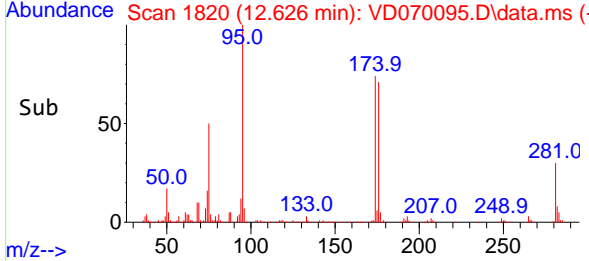
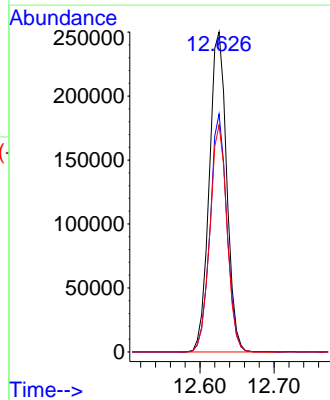
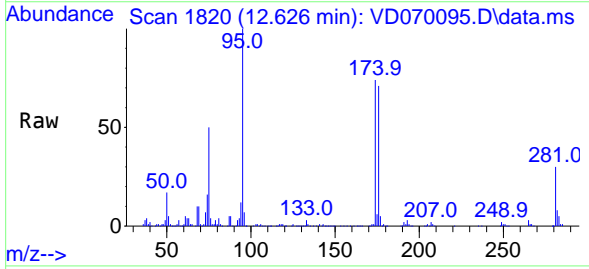
Instrument :
 MSVOA_D
ClientSampled :
 PG-3

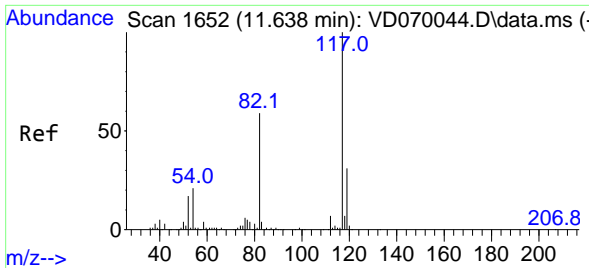
Tgt Ion: 98 Resp: 1311730
 Ion Ratio Lower Upper
 98 100
 100 64.2 52.6 78.8



#62
 4-Bromofluorobenzene
 Concen: 48.608 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.000 min
 Lab File: VD070095.D
 Acq: 17 Aug 2021 18:32

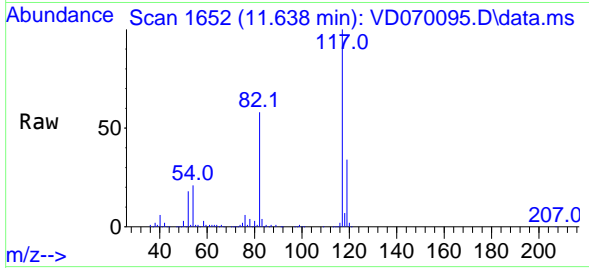
Tgt Ion: 95 Resp: 406823
 Ion Ratio Lower Upper
 95 100
 174 71.9 0.0 141.6
 176 69.6 0.0 138.2





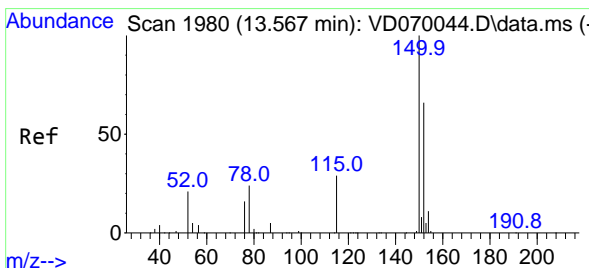
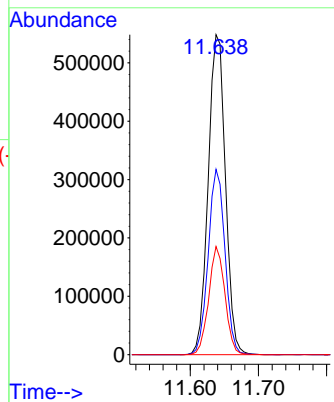
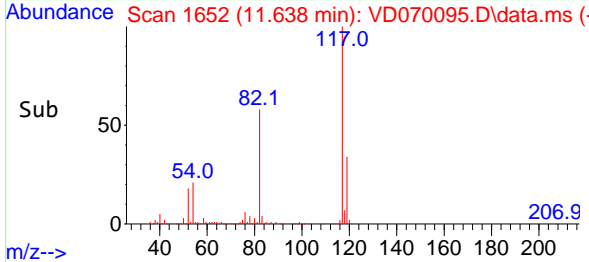
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.638 min Scan# 1652
 Delta R.T. 0.000 min
 Lab File: VD070095.D
 Acq: 17 Aug 2021 18:32

Instrument :
 MSVOA_D
 ClientSampled :
 PG-3

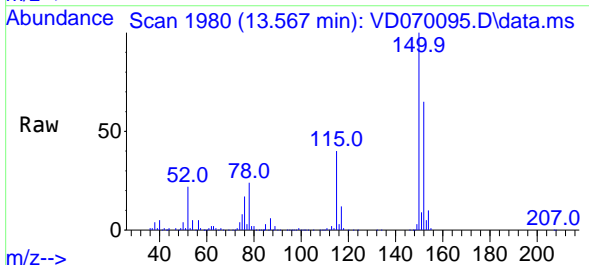


Tgt Ion:117 Resp: 964557

Ion	Ratio	Lower	Upper
117	100		
82	57.9	47.5	71.3
119	33.8	25.1	37.7



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD070095.D
 Acq: 17 Aug 2021 18:32



Tgt Ion:152 Resp: 363999

Ion	Ratio	Lower	Upper
152	100		
115	61.6	31.2	93.6
150	159.6	0.0	352.0

