

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072021\
 Data File : VD069772.D
 Acq On : 20 Jul 2021 16:19
 Operator : VA/SY
 Sample : M3050-02
 Misc : 5.62G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-04-018-ABCD

Quant Time: Jul 21 04:41:21 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)

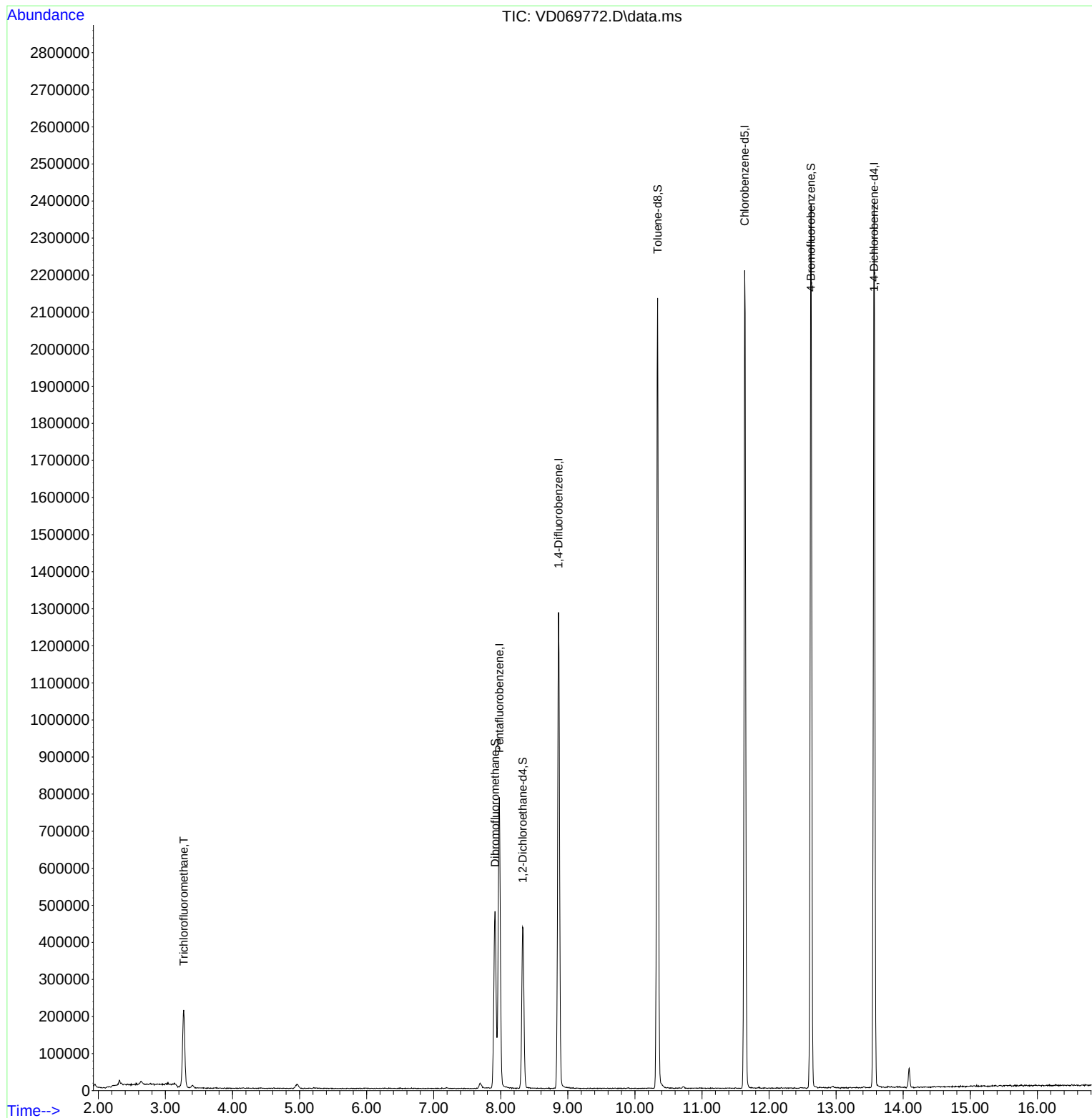
Internal Standards						
1) Pentafluorobenzene	7.979	168	540234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1069810	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1278820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	621395	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	347989	51.588	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.180%
35) Dibromofluoromethane	7.914	113	358259	49.917	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.840%
50) Toluene-d8	10.338	98	1445975	51.858	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.720%
62) 4-Bromofluorobenzene	12.626	95	649076	69.798	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	139.600%
Target Compounds						
7) Trichlorofluoromethane	3.273	101	222865	21.505	ug/l	98

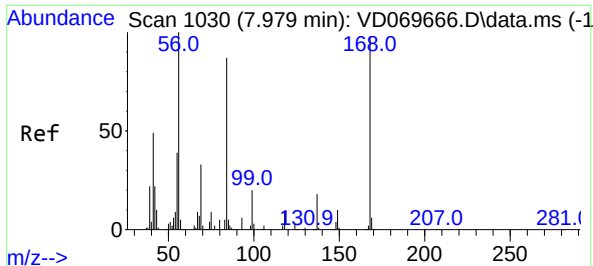
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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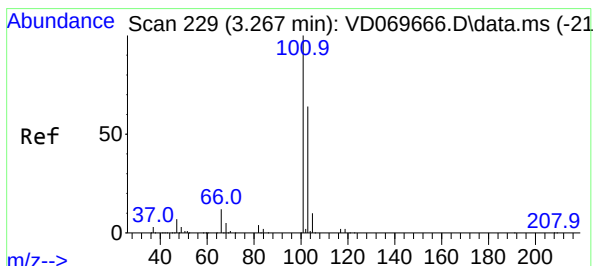
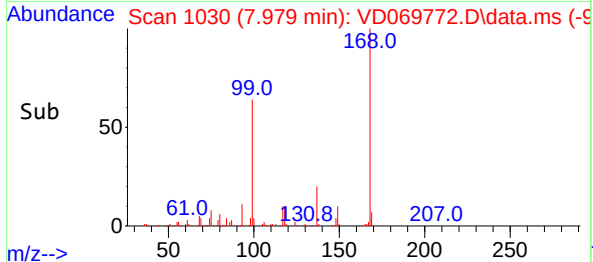
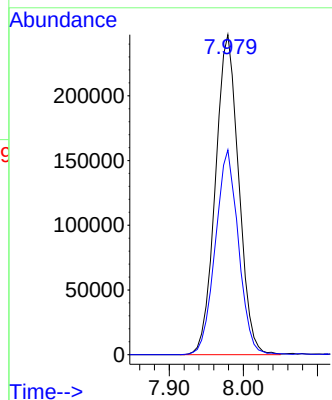
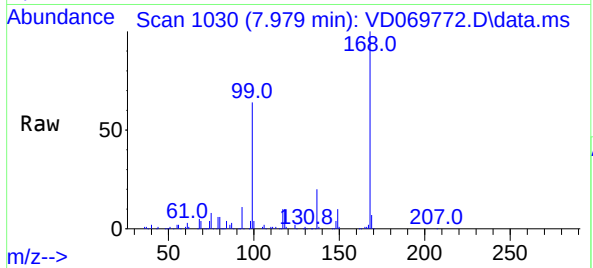




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069772.D
Acq: 20 Jul 2021 16:19

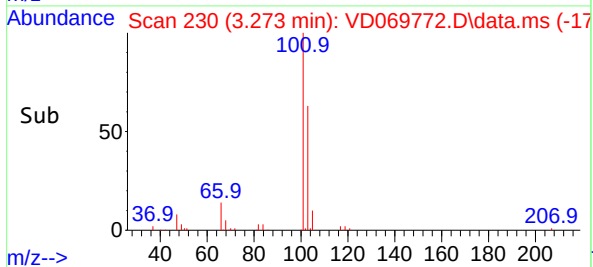
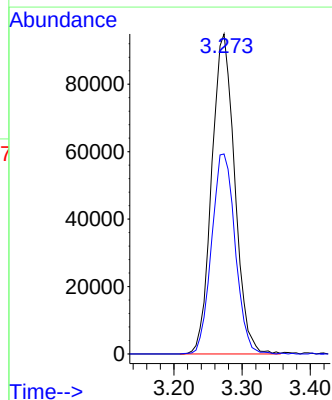
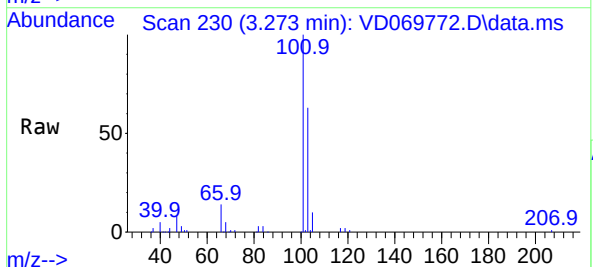
Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-04-018-ABCD

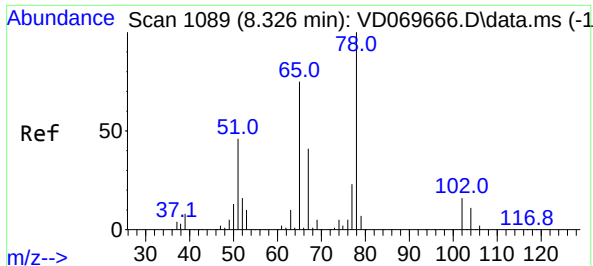
Tgt Ion:168 Resp: 540234
Ion Ratio Lower Upper
168 100
99 64.0 51.8 77.6



#7
Trichlorofluoromethane
Concen: 21.505 ug/l
RT: 3.273 min Scan# 230
Delta R.T. 0.006 min
Lab File: VD069772.D
Acq: 20 Jul 2021 16:19

Tgt Ion:101 Resp: 222865
Ion Ratio Lower Upper
101 100
103 62.5 51.4 77.0

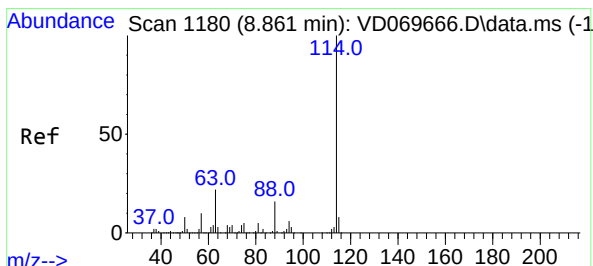
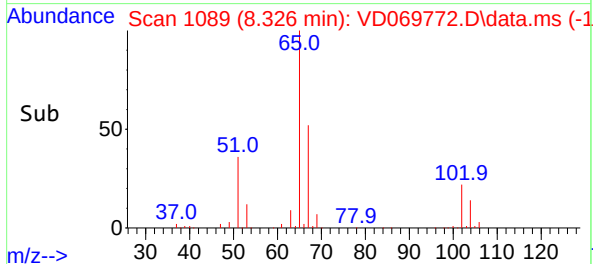
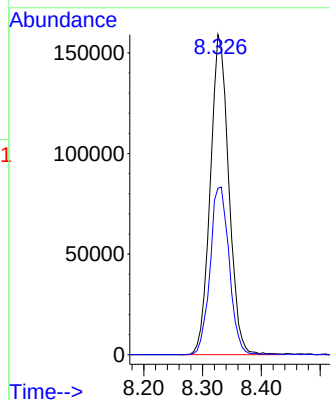
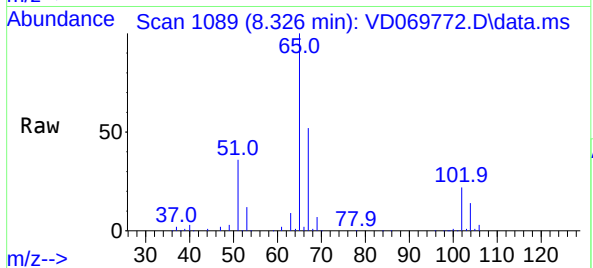




#33
1,2-Dichloroethane-d4
Concen: 51.588 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD069772.D
Acq: 20 Jul 2021 16:19

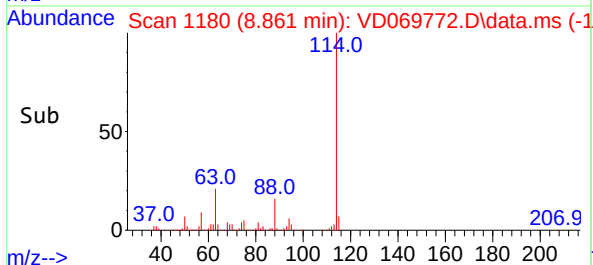
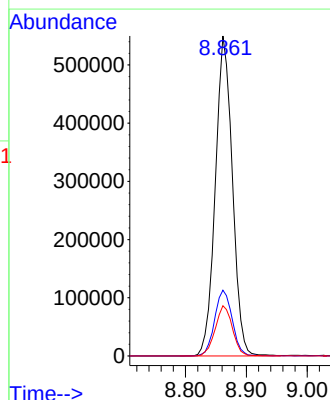
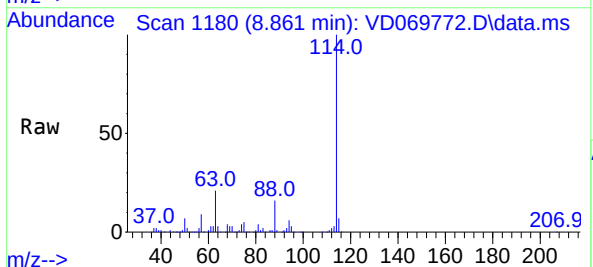
Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-04-018-ABCD

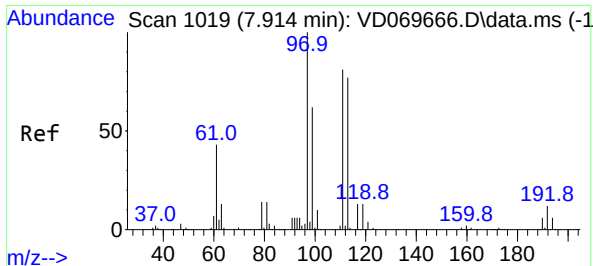
Tgt Ion: 65 Resp: 347989
Ion Ratio Lower Upper
65 100
67 53.9 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069772.D
Acq: 20 Jul 2021 16:19

Tgt Ion:114 Resp: 1069810
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.4
88 15.7 0.0 32.0

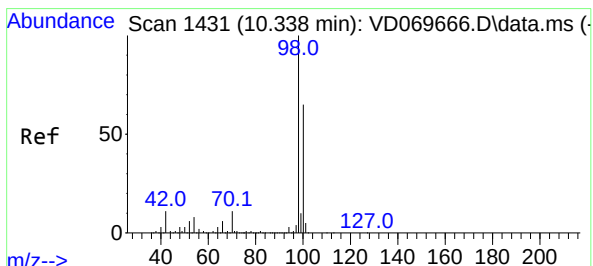
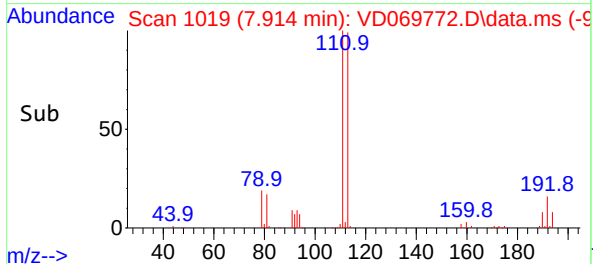
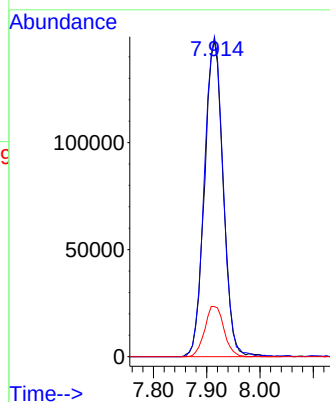
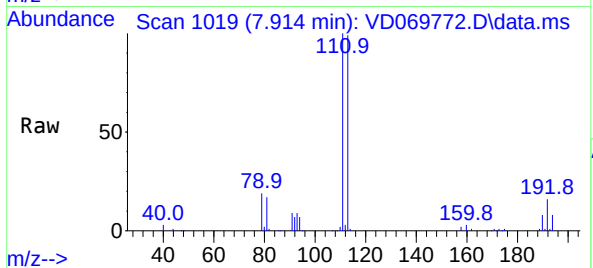




#35
Dibromofluoromethane
Concen: 49.917 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069772.D
Acq: 20 Jul 2021 16:19

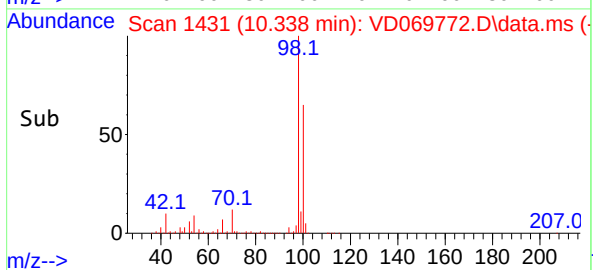
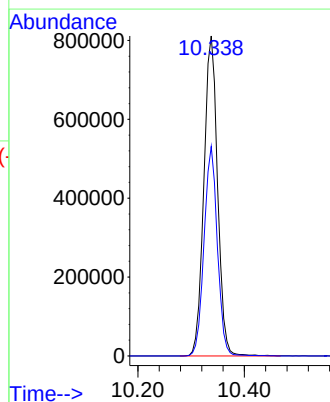
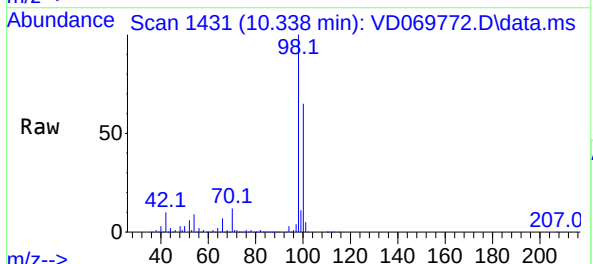
Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-04-018-ABCD

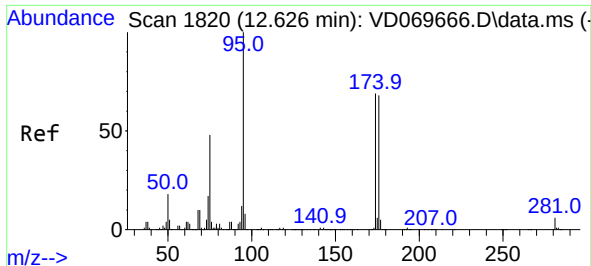
Tgt Ion:113 Resp: 358259
Ion Ratio Lower Upper
113 100
111 102.2 82.6 123.8
192 16.4 12.7 19.1



#50
Toluene-d8
Concen: 51.858 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069772.D
Acq: 20 Jul 2021 16:19

Tgt Ion: 98 Resp: 1445975
Ion Ratio Lower Upper
98 100
100 63.7 52.2 78.2

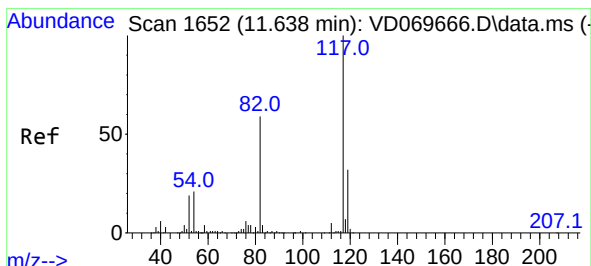
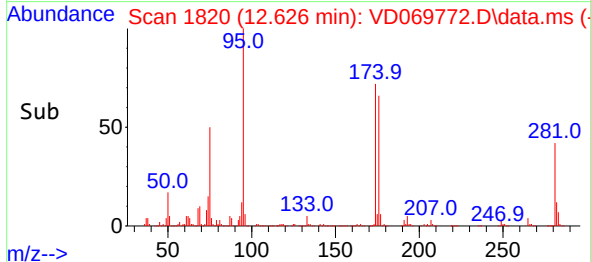
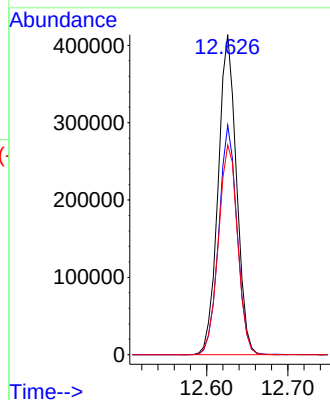
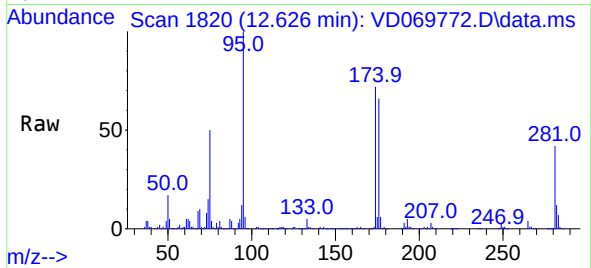




#62
4-Bromofluorobenzene
Concen: 69.798 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069772.D
Acq: 20 Jul 2021 16:19

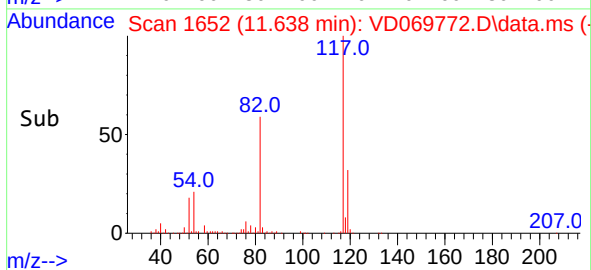
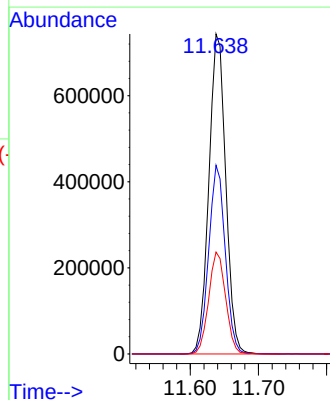
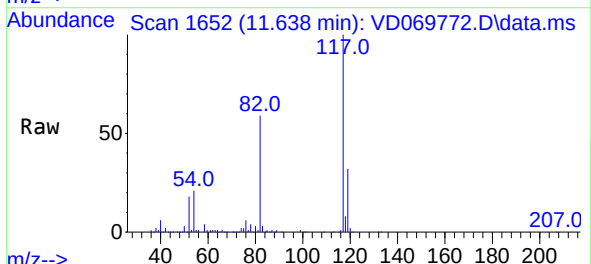
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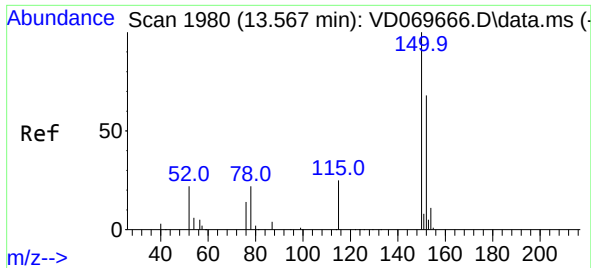
Tgt Ion:	95	Resp:	649076
Ion	Ratio	Lower	Upper
95	100		
174	71.5	0.0	140.0
176	68.5	0.0	136.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069772.D
Acq: 20 Jul 2021 16:19

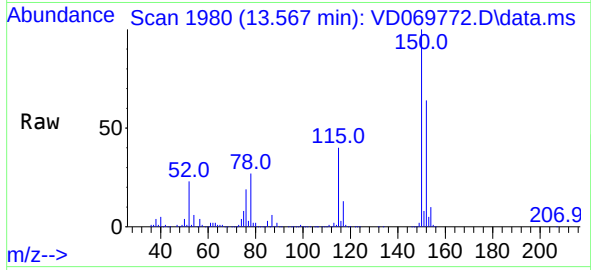
Tgt Ion:	117	Resp:	1278820
Ion	Ratio	Lower	Upper
117	100		
82	58.9	47.4	71.2
119	31.8	25.5	38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD069772.D
 Acq: 20 Jul 2021 16:19

Instrument :
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 ClientSampleId :
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Tgt Ion:	152	Resp:	621395
Ion	Ratio	Lower	Upper
152	100		
115	62.6	31.7	95.1
150	156.8	0.0	350.4

