

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072021\
 Data File : VD069771.D
 Acq On : 20 Jul 2021 15:51
 Operator : VA/SY
 Sample : M3049-02
 Misc : 4.20G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-03-024-ABCD

Quant Time: Jul 21 03:26:12 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)

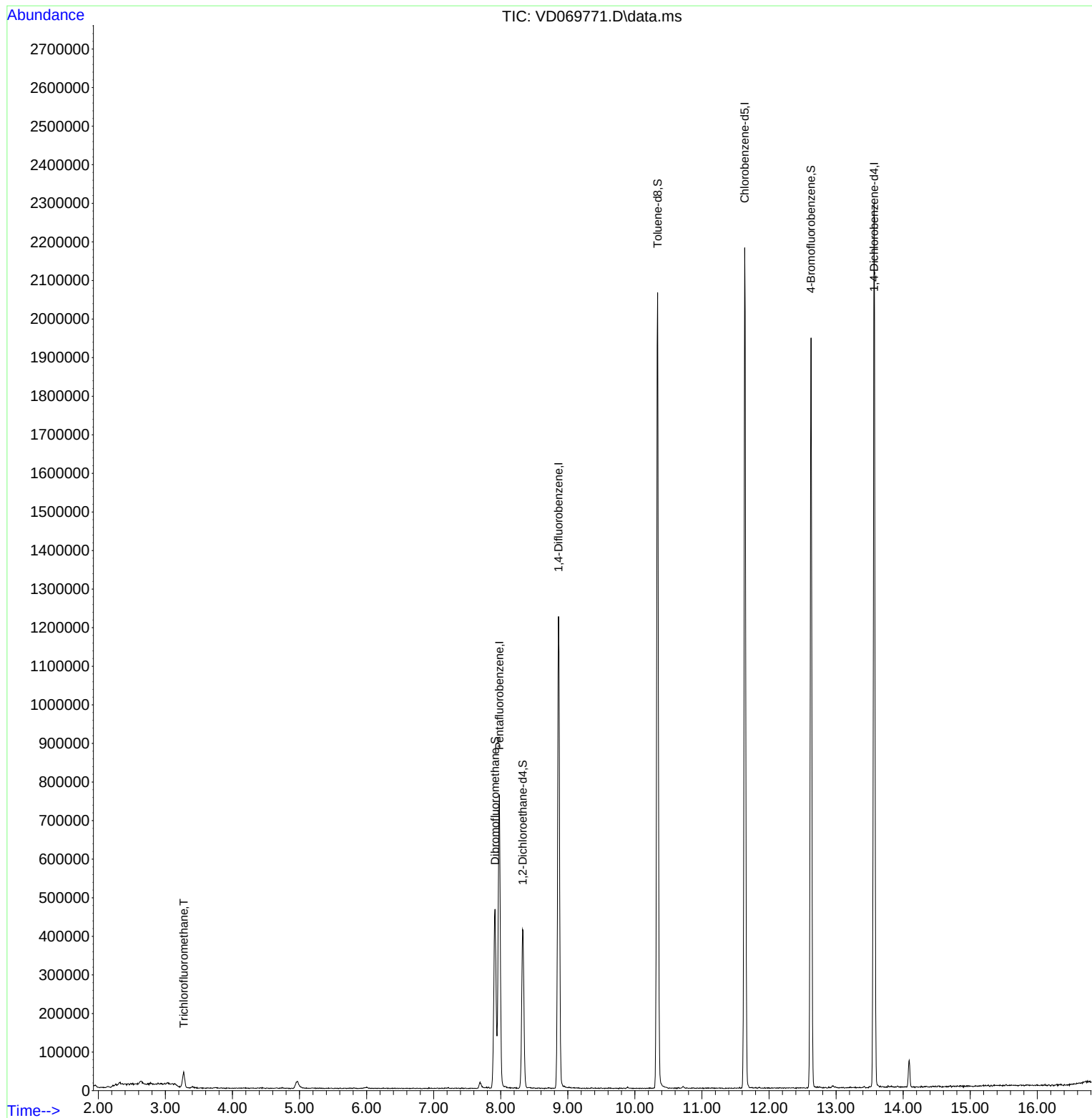
Internal Standards						
1) Pentafluorobenzene	7.979	168	518509	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1033023	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1239180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	598136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	340736	52.629	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.260%	
35) Dibromofluoromethane	7.914	113	344092	49.650	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.300%	
50) Toluene-d8	10.338	98	1391748	51.691	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.380%	
62) 4-Bromofluorobenzene	12.626	95	602566	67.104	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 134.200%	
Target Compounds						
7) Trichlorofluoromethane	3.273	101	41196	4.142	ug/l	Qvalue 87

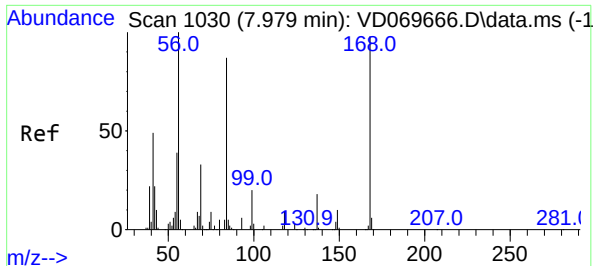
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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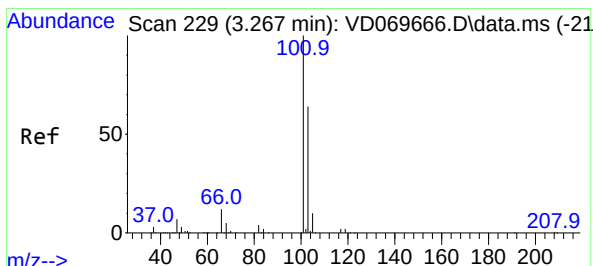
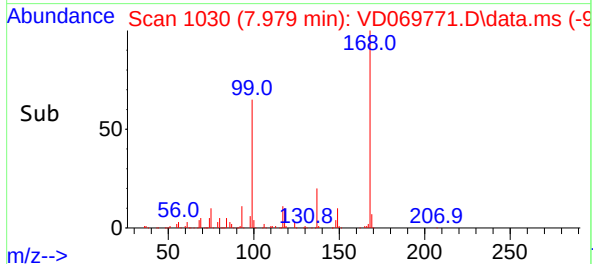
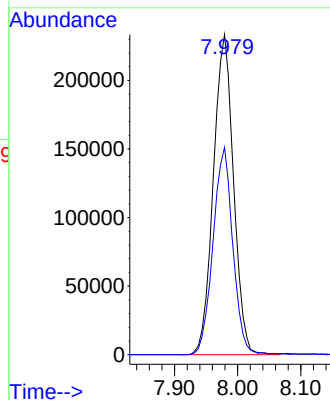
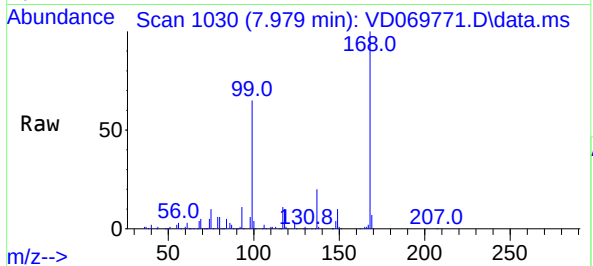




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069771.D
Acq: 20 Jul 2021 15:51

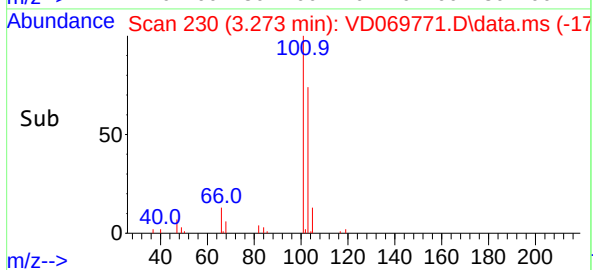
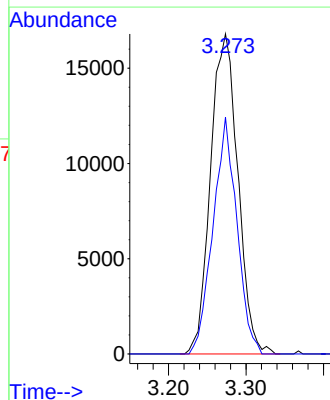
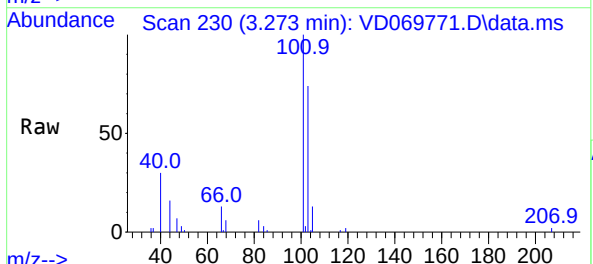
Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-03-024-ABCD

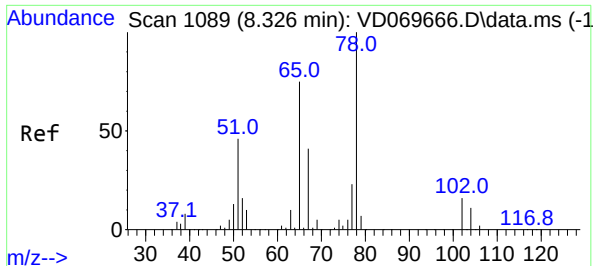
Tgt Ion:168 Resp: 518509
Ion Ratio Lower Upper
168 100
99 64.8 51.8 77.6



#7
Trichlorofluoromethane
Concen: 4.142 ug/l
RT: 3.273 min Scan# 230
Delta R.T. 0.006 min
Lab File: VD069771.D
Acq: 20 Jul 2021 15:51

Tgt Ion:101 Resp: 41196
Ion Ratio Lower Upper
101 100
103 74.0 51.4 77.0

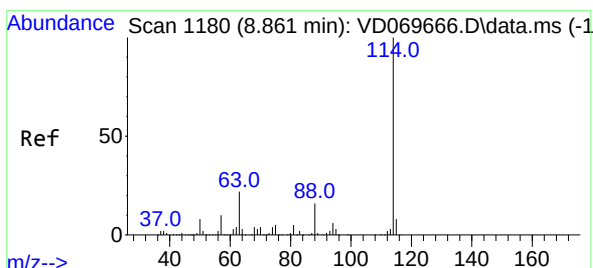
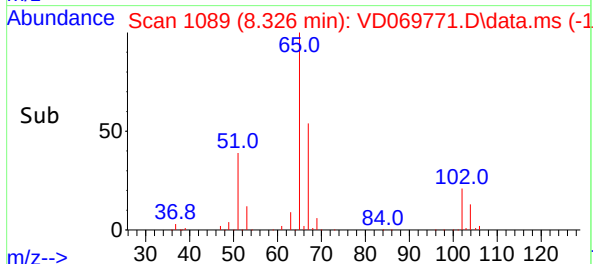
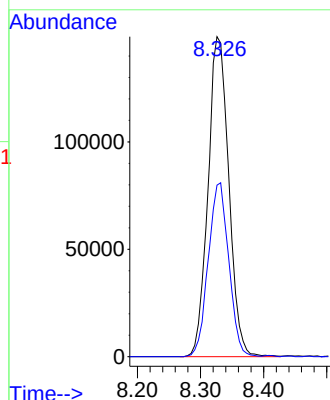
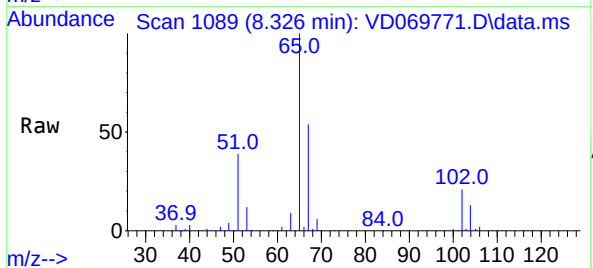




#33
1,2-Dichloroethane-d4
Concen: 52.629 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD069771.D
Acq: 20 Jul 2021 15:51

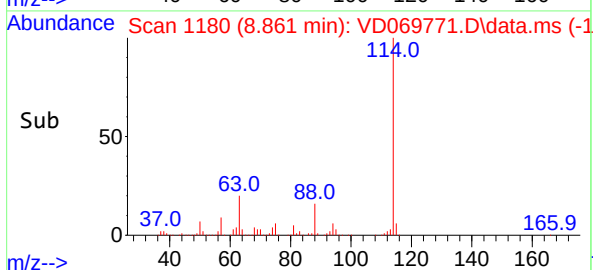
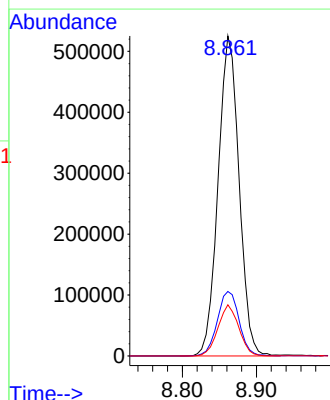
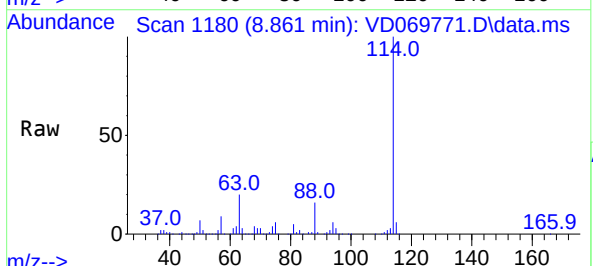
Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-03-024-ABCD

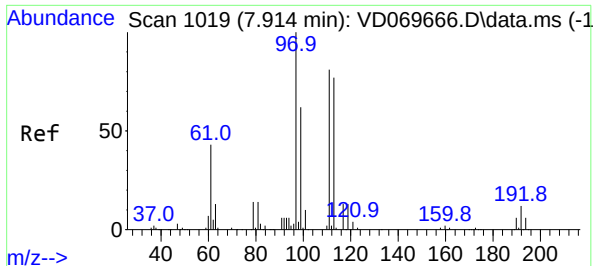
Tgt Ion: 65 Resp: 340736
Ion Ratio Lower Upper
65 100
67 53.6 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069771.D
Acq: 20 Jul 2021 15:51

Tgt Ion: 114 Resp: 1033023
Ion Ratio Lower Upper
114 100
63 20.1 0.0 43.4
88 16.0 0.0 32.0



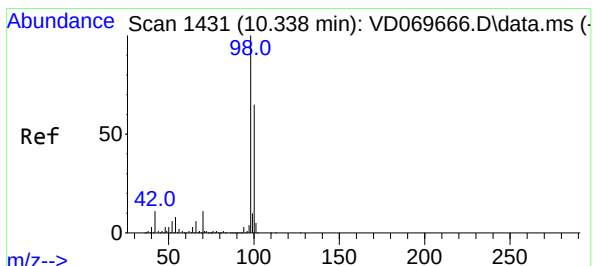
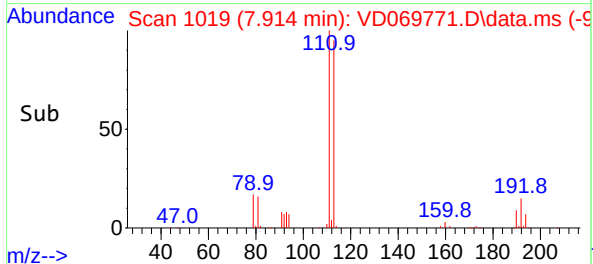
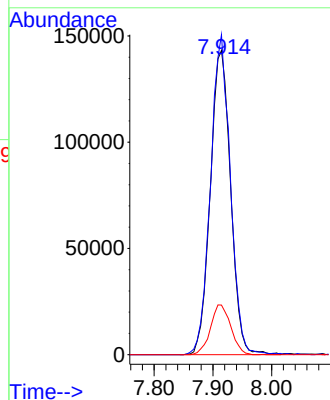
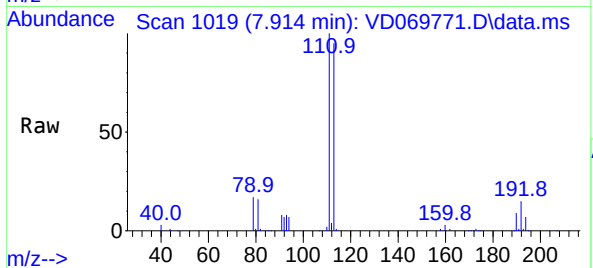


#35

Dibromofluoromethane
Concen: 49.650 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069771.D
Acq: 20 Jul 2021 15:51

Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-03-024-ABCD

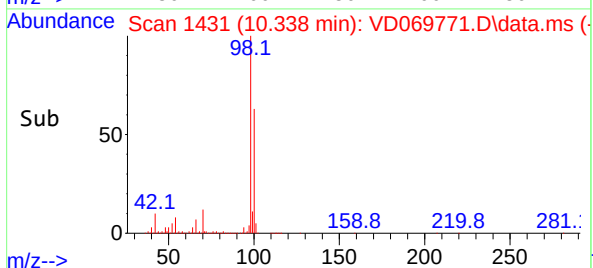
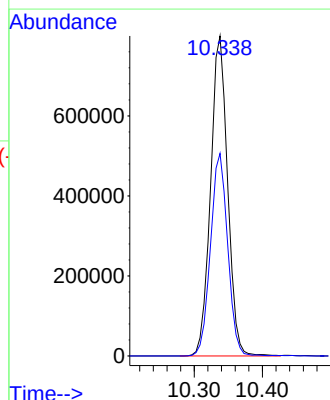
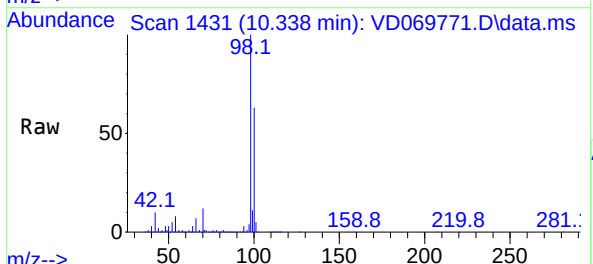
Tgt Ion:113 Resp: 344092
Ion Ratio Lower Upper
113 100
111 102.3 82.6 123.8
192 16.4 12.7 19.1

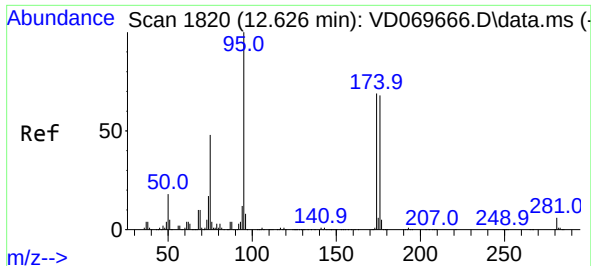


#50

Toluene-d8
Concen: 51.691 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069771.D
Acq: 20 Jul 2021 15:51

Tgt Ion: 98 Resp: 1391748
Ion Ratio Lower Upper
98 100
100 64.0 52.2 78.2



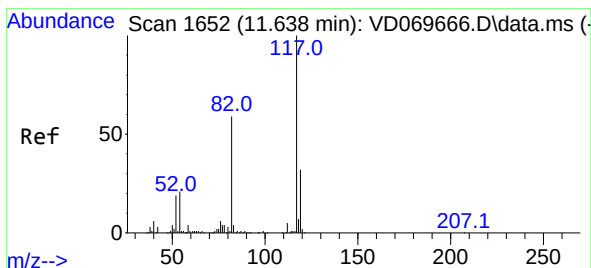
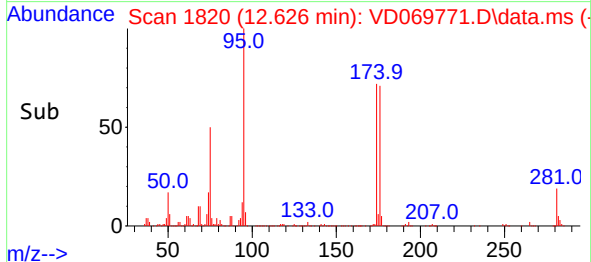
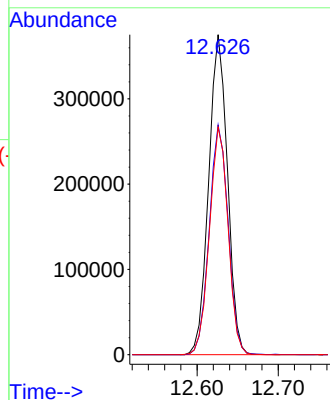
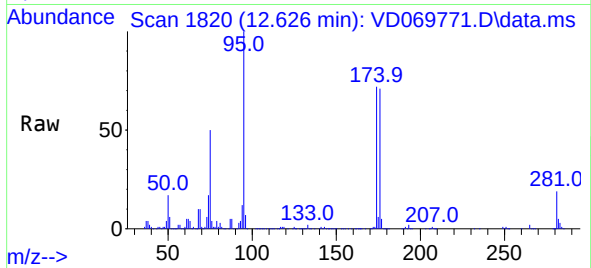


#62
4-Bromofluorobenzene
Concen: 67.104 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069771.D
Acq: 20 Jul 2021 15:51

Instrument :
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FK-BPM-03-024-ABCD

Tgt Ion: 95 Resp: 602566

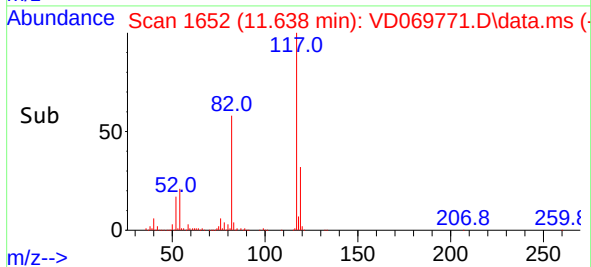
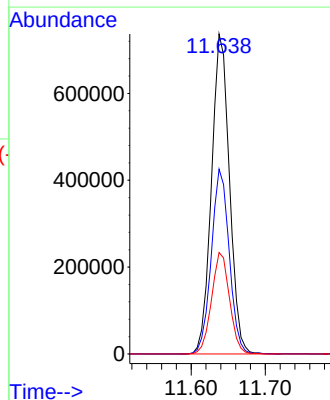
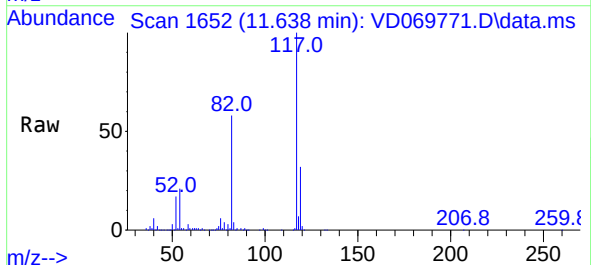
Ion	Ratio	Lower	Upper
95	100		
174	72.4	0.0	140.0
176	70.5	0.0	136.2

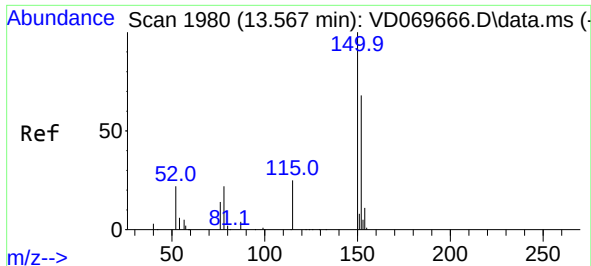


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069771.D
Acq: 20 Jul 2021 15:51

Tgt Ion: 117 Resp: 1239180

Ion	Ratio	Lower	Upper
117	100		
82	57.8	47.4	71.2
119	31.7	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: VD069771.D
 Acq: 20 Jul 2021 15:51

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-03-024-ABCD

Tgt Ion:152 Resp: 598136
 Ion Ratio Lower Upper
 152 100
 115 62.0 31.7 95.1
 150 159.0 0.0 350.4

