

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031524\
 Data File : VD078684.D
 Acq On : 15 Mar 2024 15:47
 Operator : RP/MD
 Sample : P1746-15RE
 Misc : 5.02G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-0-2.0RE

Quant Time: Mar 16 05:26:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	1454	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	3374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	3835	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	1437	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	2066	151.618	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 303.240%#	
35) Dibromofluoromethane	7.793	113	1939	89.258	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 178.520%#	
50) Toluene-d8	10.269	98	4071	50.956	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.920%	
62) 4-Bromofluorobenzene	12.575	95	1282	54.850	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.700%	

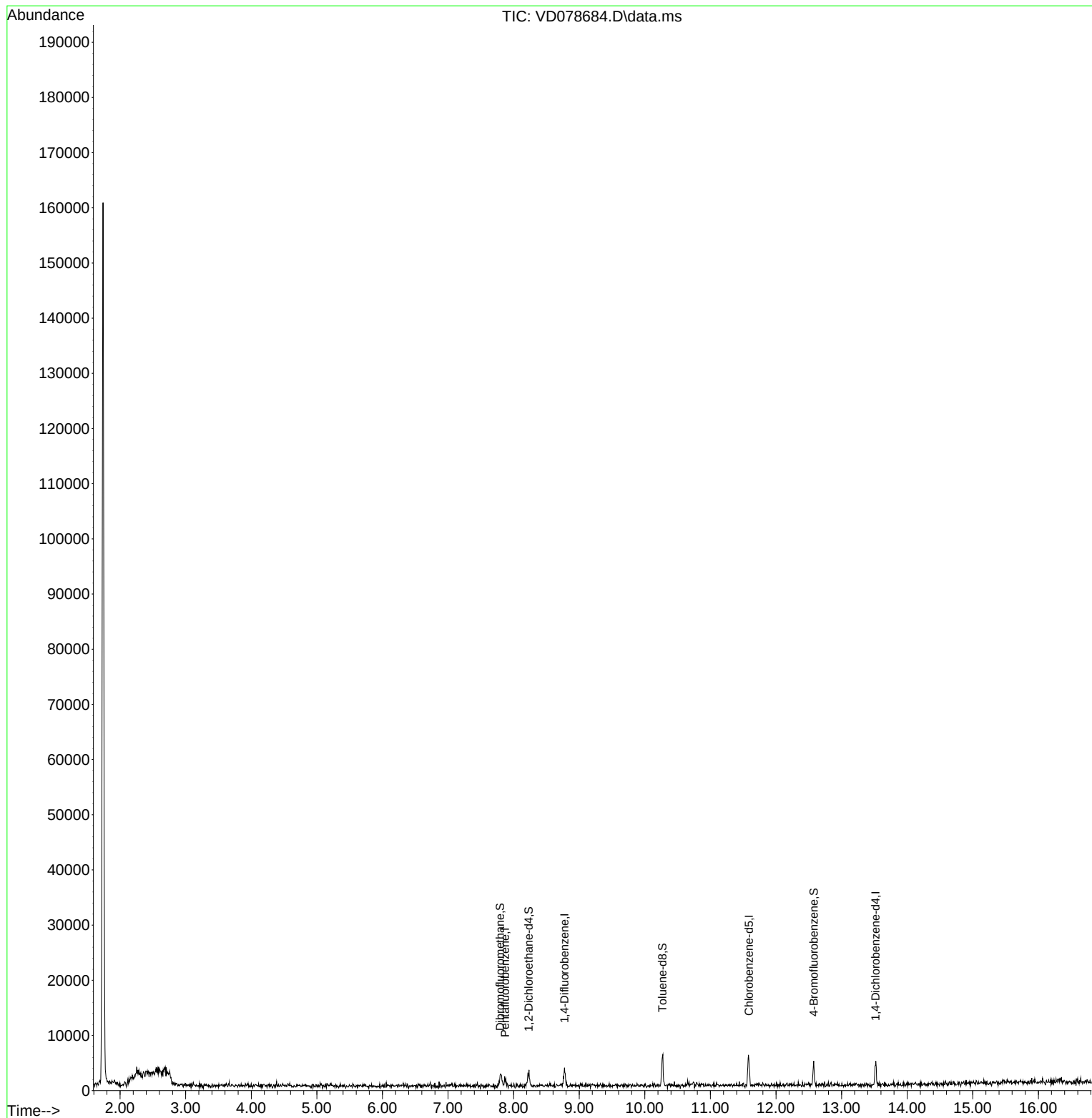
Target Compounds	Qvalue

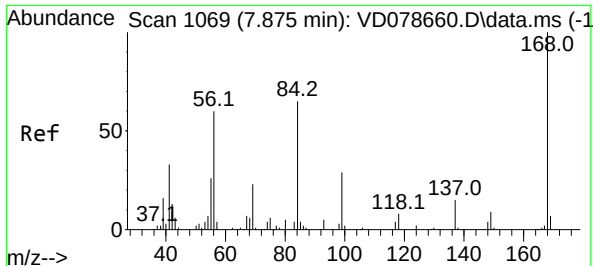
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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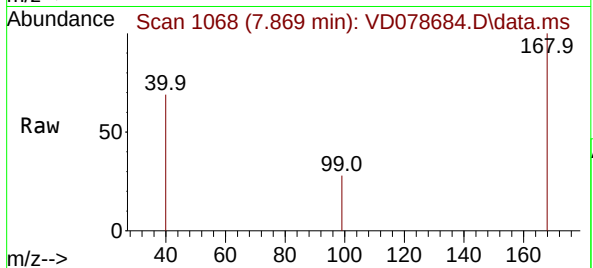
Quant Time: Mar 16 05:26:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
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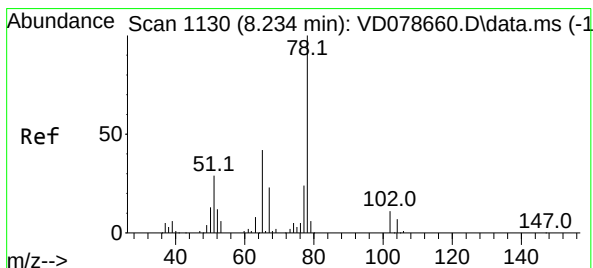
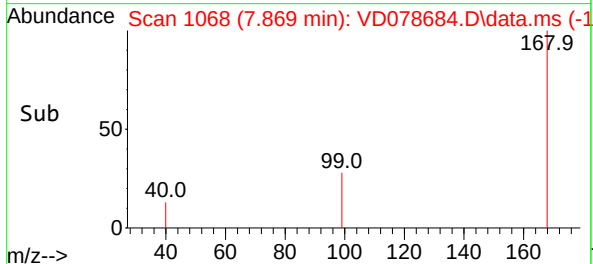
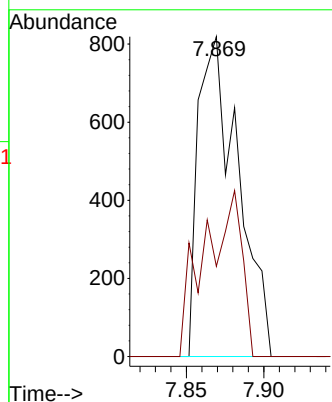


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD078684.D
Acq: 15 Mar 2024 15:47

Instrument :
MSVOA_D
ClientSampleId :
SB-05-0-2.0RE

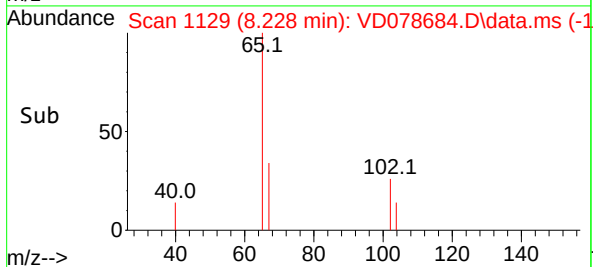
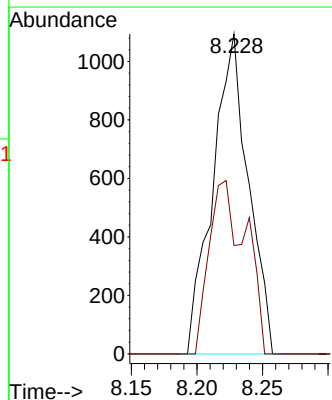
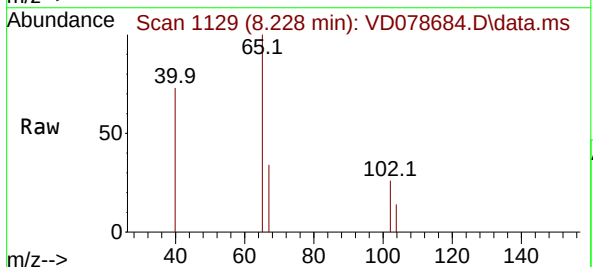


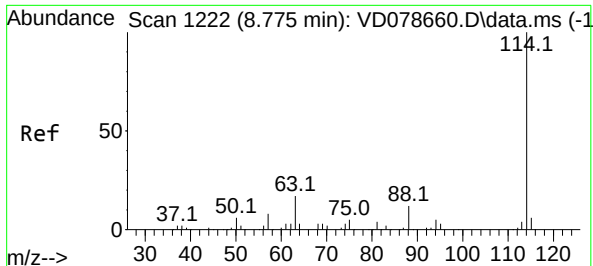
Tgt Ion:168 Resp: 1454
Ion Ratio Lower Upper
168 100
99 28.2 38.8 58.2#



#33
1,2-Dichloroethane-d4
Concen: 151.618 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078684.D
Acq: 15 Mar 2024 15:47

Tgt Ion: 65 Resp: 2066
Ion Ratio Lower Upper
65 100
67 56.0 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078684.D

Acq: 15 Mar 2024 15:47

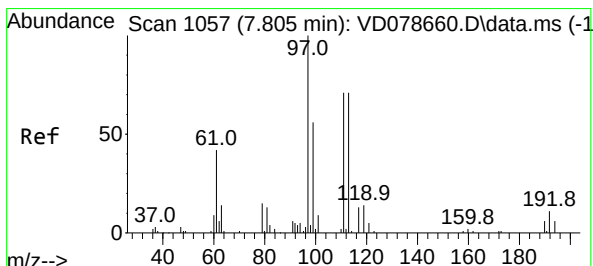
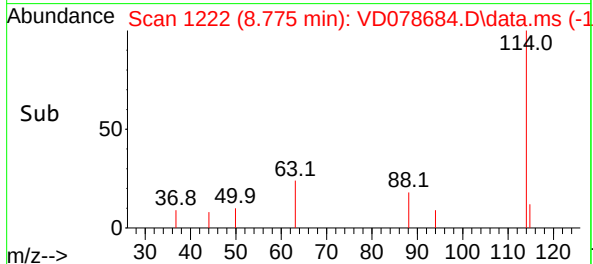
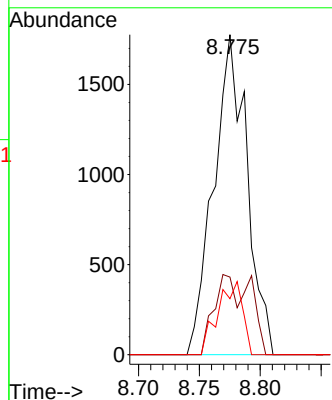
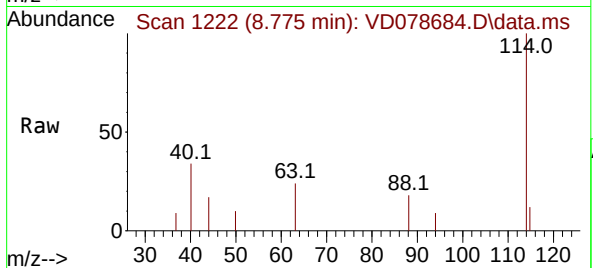
Instrument :

MSVOA_D

ClientSampleId :

SB-05-0-2.0RE

Tgt Ion:114	Resp:	3374
Ion	Ratio	Lower Upper
114	100	
63	24.3	0.0 33.4
88	17.5	0.0 24.6



#35

Dibromofluoromethane

Concen: 89.258 ug/l

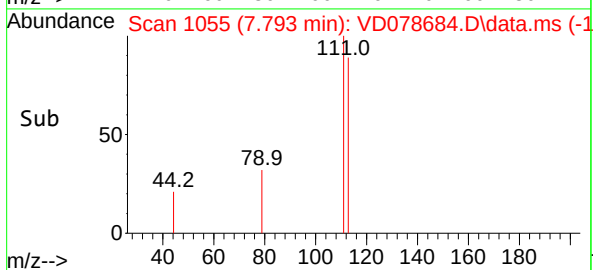
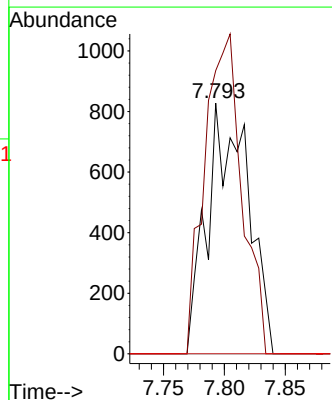
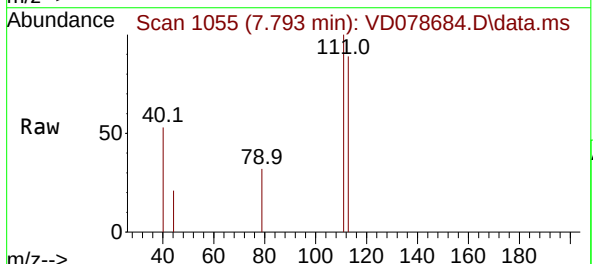
RT: 7.793 min Scan# 1055

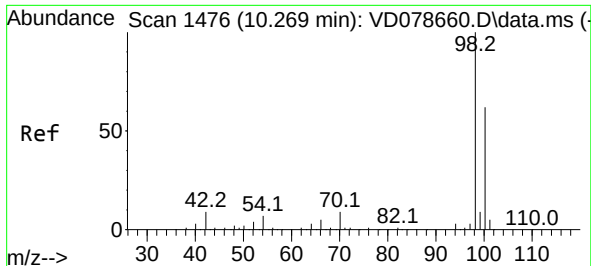
Delta R.T. -0.012 min

Lab File: VD078684.D

Acq: 15 Mar 2024 15:47

Tgt Ion:113	Resp:	1939
Ion	Ratio	Lower Upper
113	100	
111	116.2	81.9 122.9
192	0.0	15.4 23.0

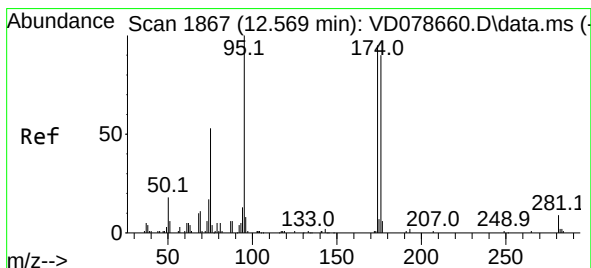
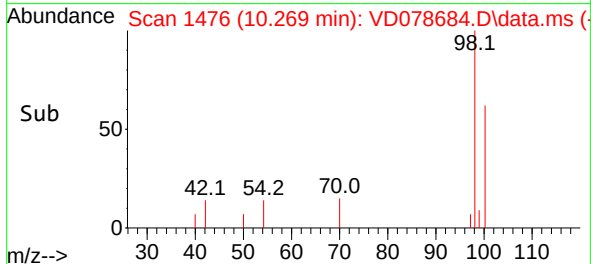
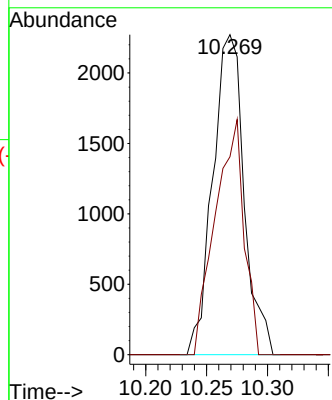
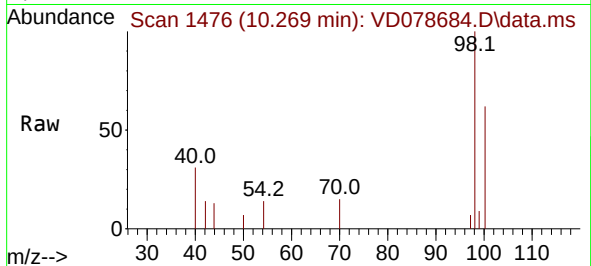




#50
Toluene-d8
Concen: 50.956 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078684.D
Acq: 15 Mar 2024 15:47

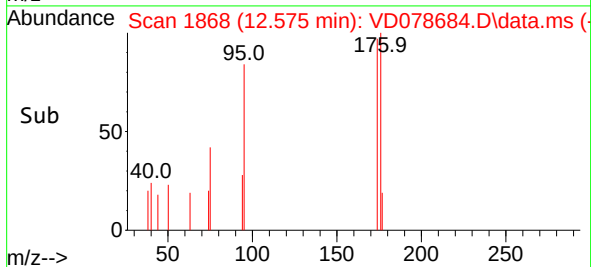
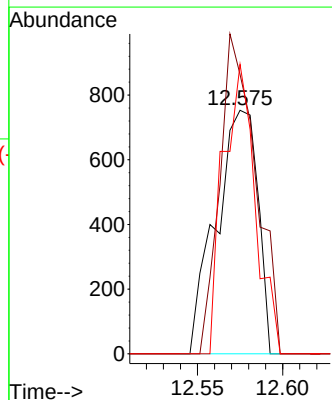
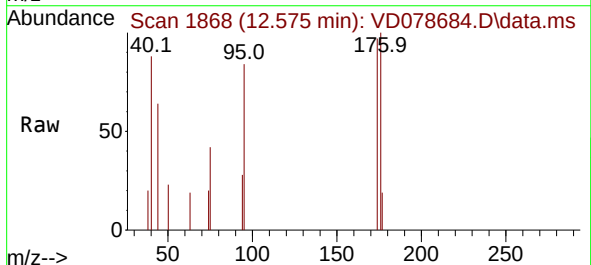
Instrument :
MSVOA_D
ClientSampleId :
SB-05-0-2.0RE

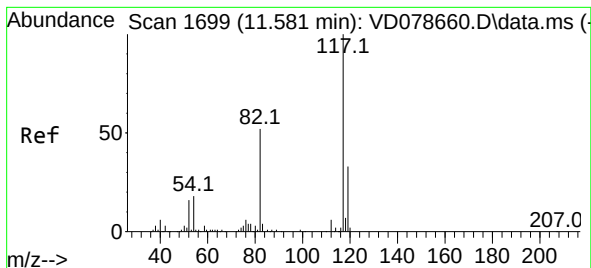
Tgt Ion: 98 Resp: 4071
Ion Ratio Lower Upper
98 100
100 67.6 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 54.850 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078684.D
Acq: 15 Mar 2024 15:47

Tgt Ion: 95 Resp: 1282
Ion Ratio Lower Upper
95 100
174 113.0 0.0 195.2
176 91.1 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.587 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078684.D

Acq: 15 Mar 2024 15:47

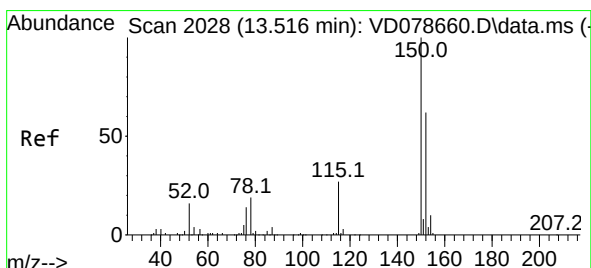
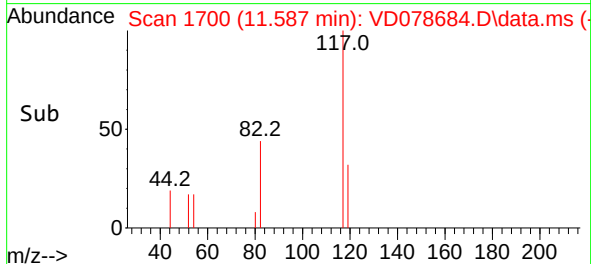
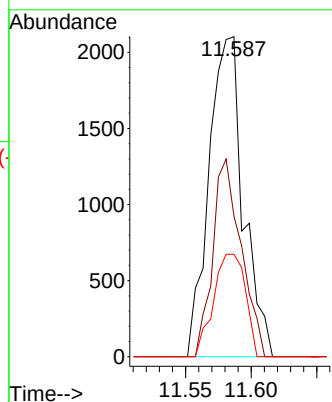
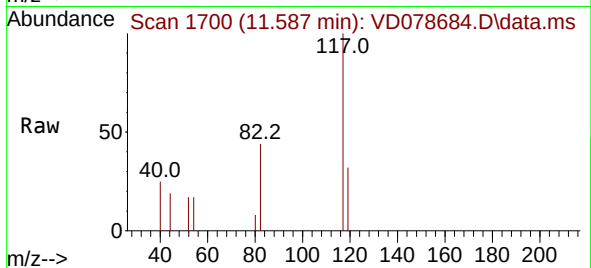
Instrument :

MSVOA_D

ClientSampleId :

SB-05-0-2.0RE

Tgt Ion:117	Resp:	3835
Ion	Ratio	Lower Upper
117	100	
82	43.9	41.4 62.2
119	32.0	26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD078684.D

Acq: 15 Mar 2024 15:47

Tgt Ion:152	Resp:	1437
Ion	Ratio	Lower Upper
152	100	
115	48.7	27.1 81.2
150	148.4	0.0 350.2

