

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080224\
 Data File : VD079561.D
 Acq On : 03 Aug 2024 01:46
 Operator : RP/MD
 Sample : P3394-01
 Misc : 6.31G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-105-SB01

Quant Time: Aug 03 02:31:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

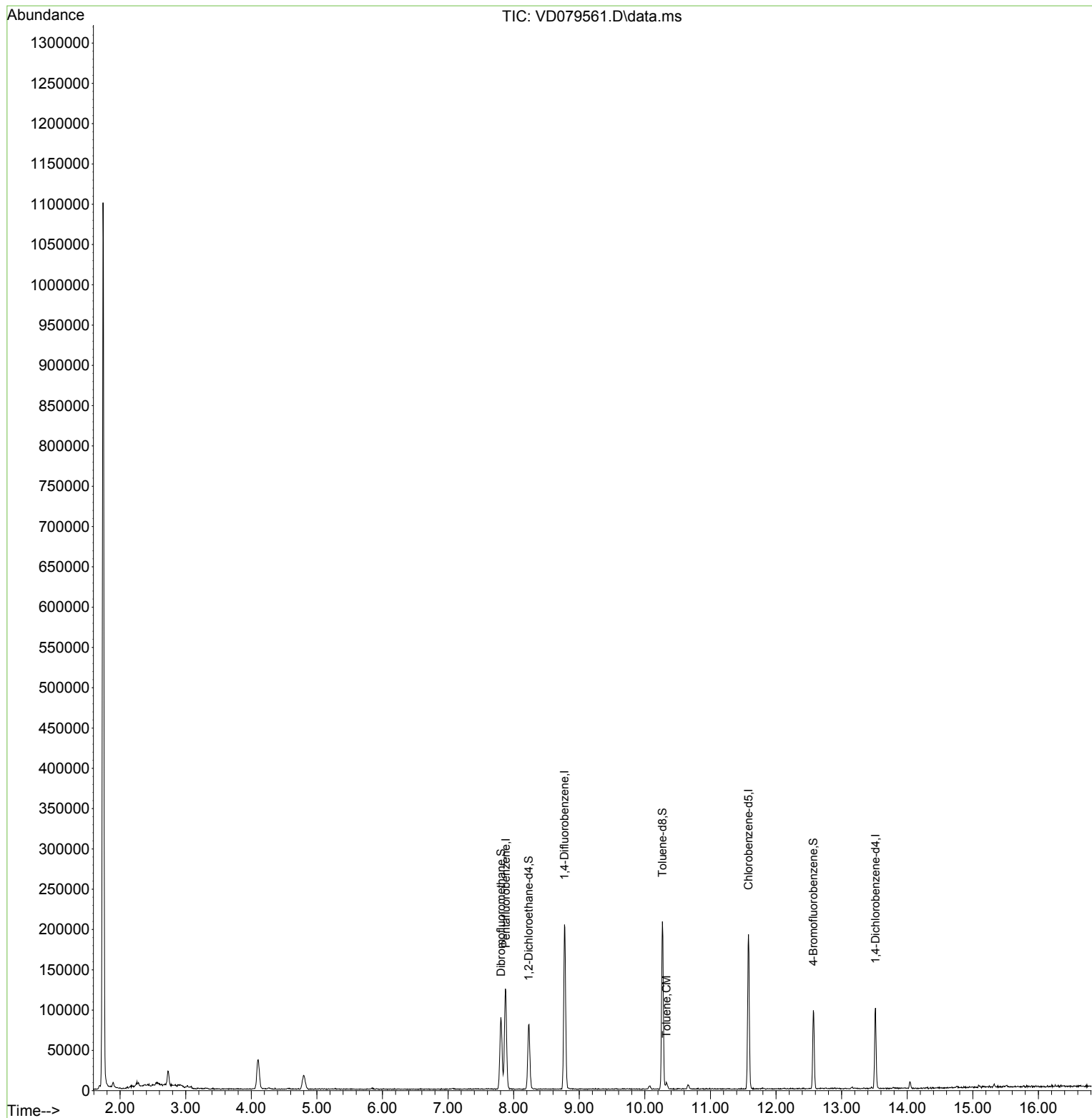
Internal Standards						
1) Pentafluorobenzene	7.881	168	95900	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	187577	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	117738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	27692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	63265	64.937	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.880%
35) Dibromofluoromethane	7.810	113	66130	52.087	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.180%
50) Toluene-d8	10.269	98	151857	30.800	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	61.600%
62) 4-Bromofluorobenzene	12.569	95	29399	20.606	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	41.220%
Target Compounds						
52) Toluene	10.328	92	3659	1.075	ug/l	Qvalue 94

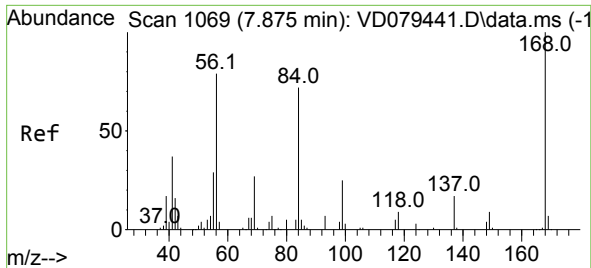
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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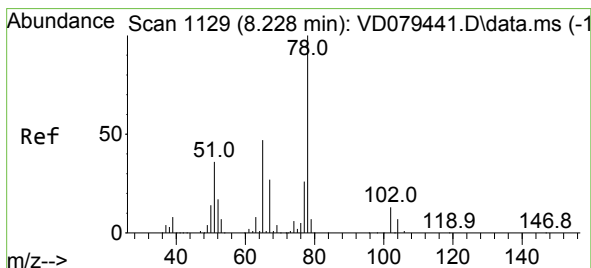
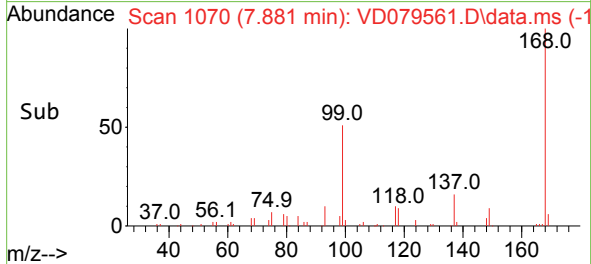
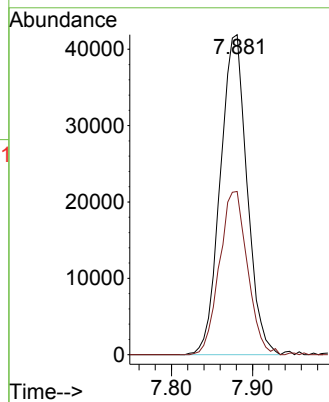
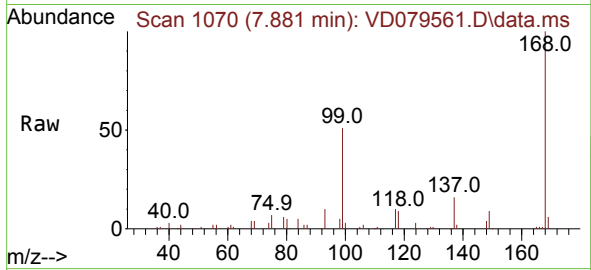




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD079561.D
Acq: 03 Aug 2024 01:46

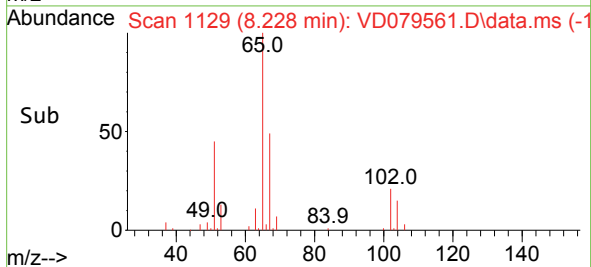
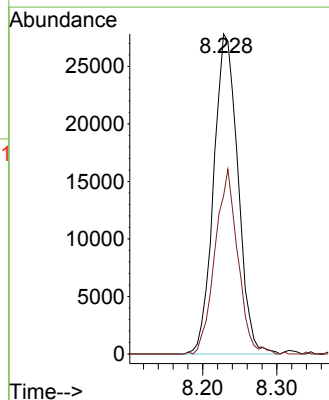
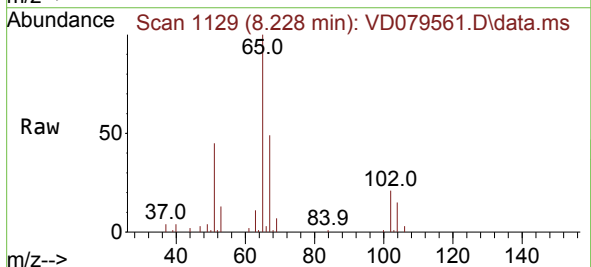
Instrument :
MSVOA_D
ClientSampleId :
B-105-SB01

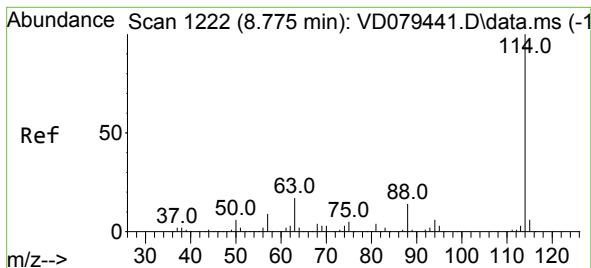
Tgt Ion:168 Resp: 95900
Ion Ratio Lower Upper
168 100
99 51.0 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 64.937 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079561.D
Acq: 03 Aug 2024 01:46

Tgt Ion: 65 Resp: 63265
Ion Ratio Lower Upper
65 100
67 54.3 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD079561.D

Acq: 03 Aug 2024 01:46

Instrument :

MSVOA_D

ClientSampleId :

B-105-SB01

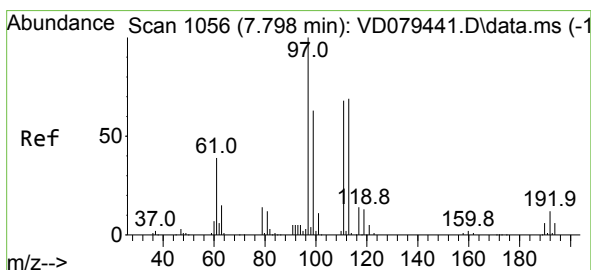
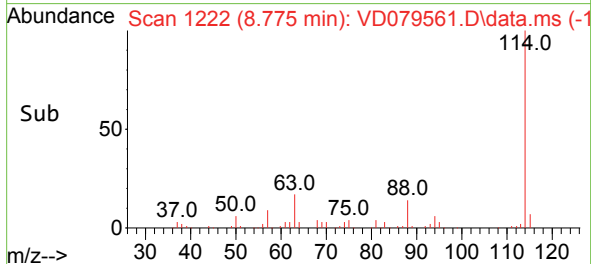
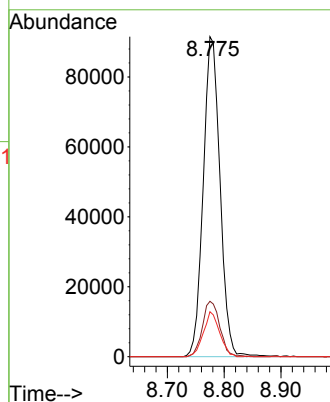
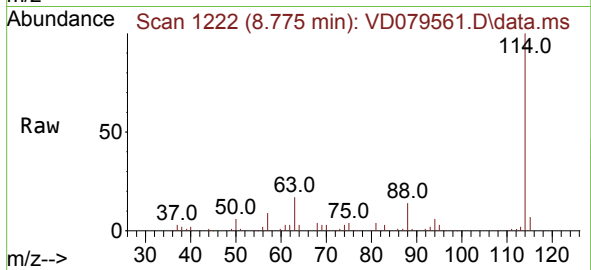
Tgt Ion:114 Resp: 187577

Ion Ratio Lower Upper

114 100

63 17.3 0.0 34.0

88 14.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.087 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD079561.D

Acq: 03 Aug 2024 01:46

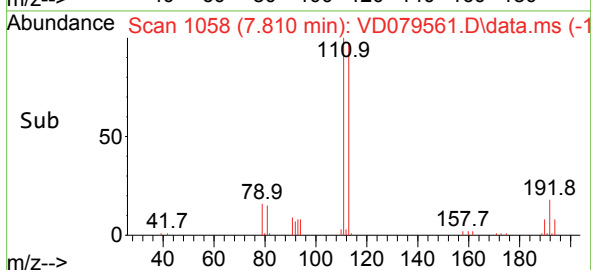
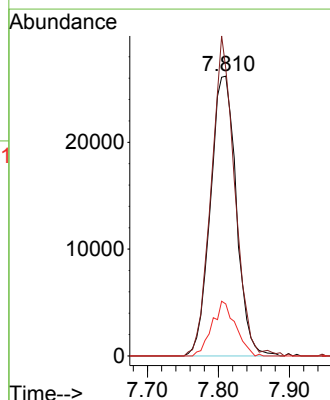
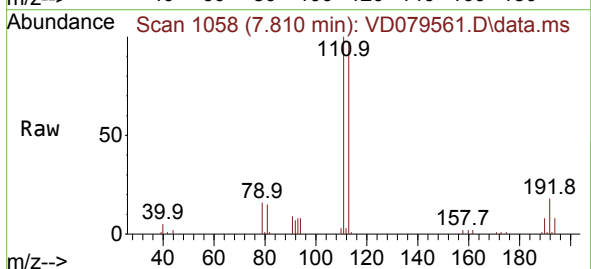
Tgt Ion:113 Resp: 66130

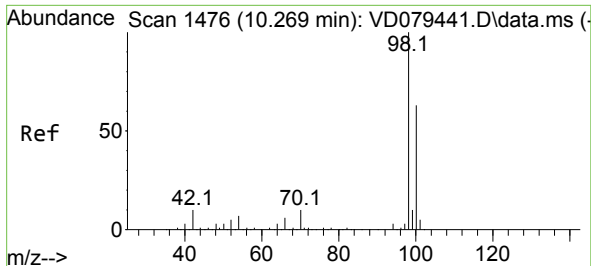
Ion Ratio Lower Upper

113 100

111 104.1 84.0 126.0

192 17.8 15.4 23.0

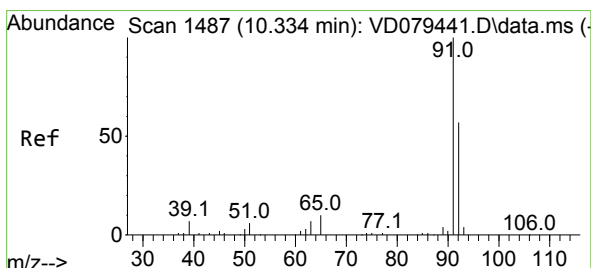
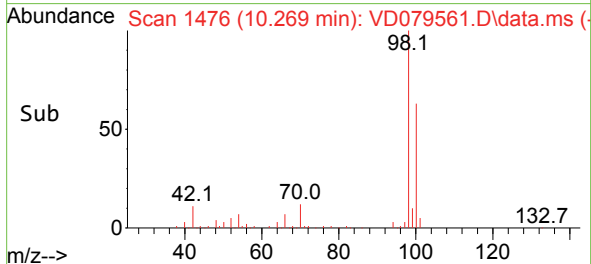
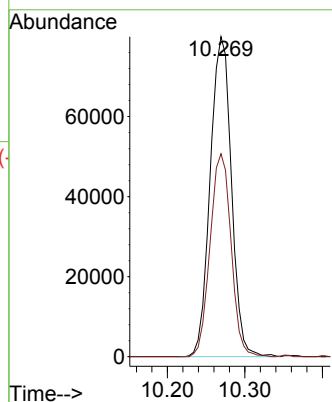
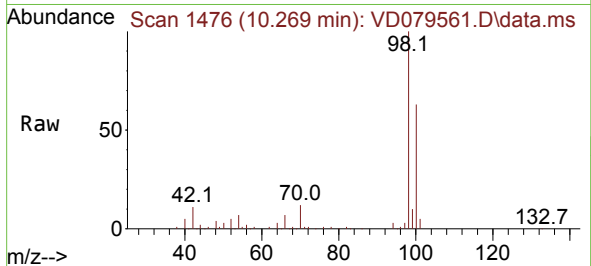




#50
Toluene-d8
Concen: 30.800 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079561.D
Acq: 03 Aug 2024 01:46

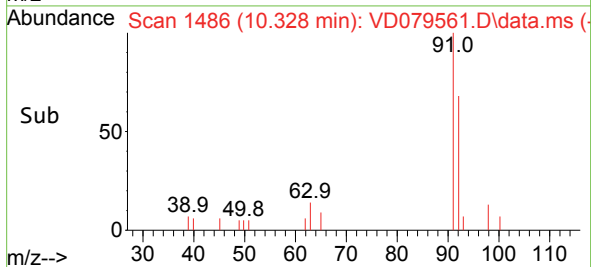
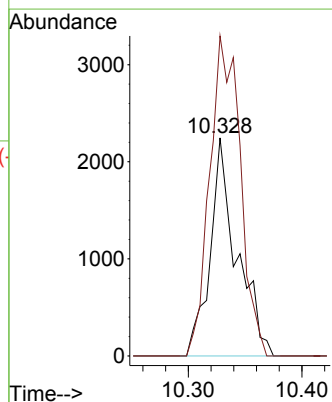
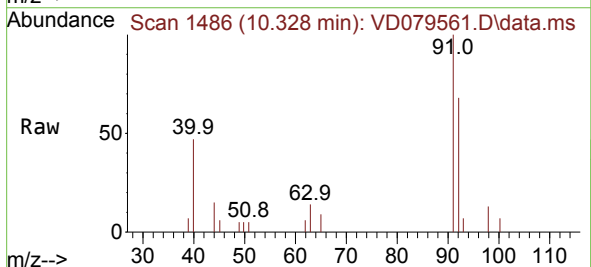
Instrument :
MSVOA_D
ClientSampleId :
B-105-SB01

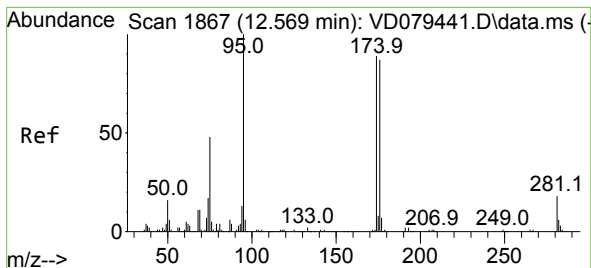
Tgt Ion: 98 Resp: 151857
Ion Ratio Lower Upper
98 100
100 62.7 51.6 77.4



#52
Toluene
Concen: 1.075 ug/l
RT: 10.328 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VD079561.D
Acq: 03 Aug 2024 01:46

Tgt Ion: 92 Resp: 3659
Ion Ratio Lower Upper
92 100
91 168.8 141.7 212.5

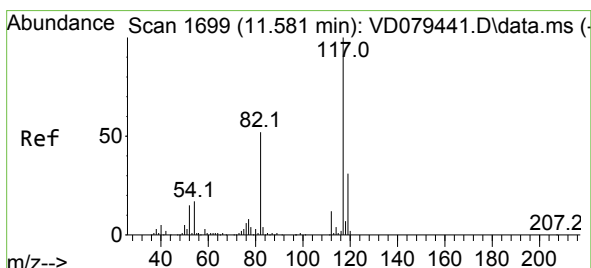
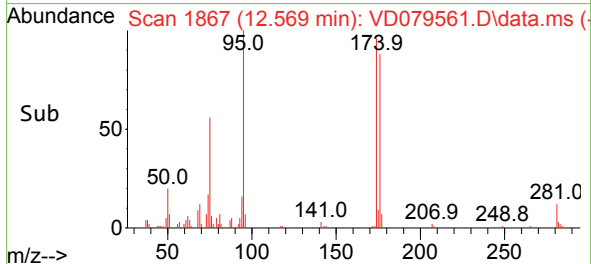
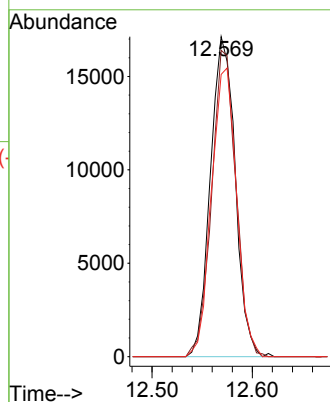
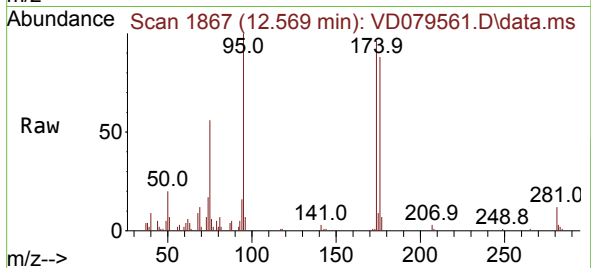




#62
4-Bromofluorobenzene
Concen: 20.606 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079561.D
Acq: 03 Aug 2024 01:46

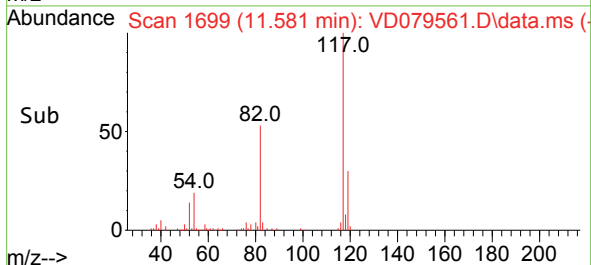
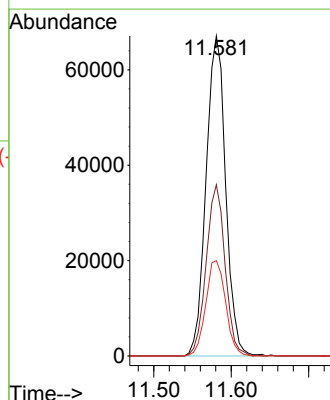
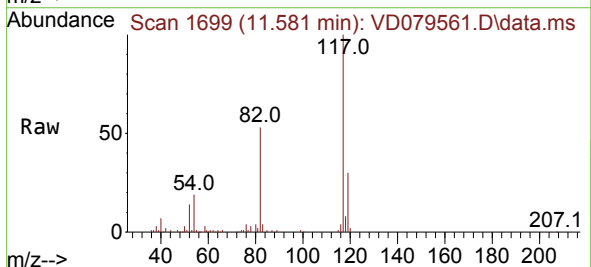
Instrument :
MSVOA_D
ClientSampleId :
B-105-SB01

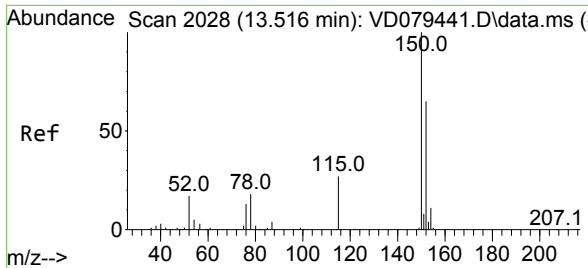
Tgt Ion:	95	Resp:	29399
Ion	Ratio	Lower	Upper
95	100		
174	93.7	0.0	195.4
176	91.4	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079561.D
Acq: 03 Aug 2024 01:46

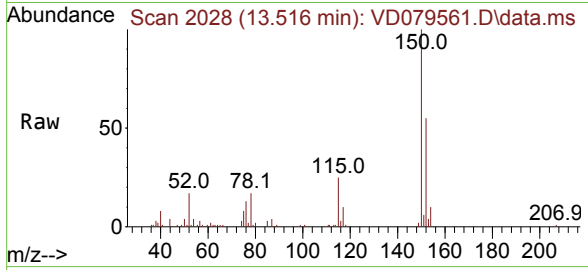
Tgt Ion:	117	Resp:	117738
Ion	Ratio	Lower	Upper
117	100		
82	53.5	39.8	59.6
119	29.8	25.7	38.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD079561.D
Acq: 03 Aug 2024 01:46

Instrument :
MSVOA_D
ClientSampleId :
B-105-SB01



Tgt Ion:	152	Resp:	27692
Ion	Ratio	Lower	Upper
152	100		
115	52.5	26.5	79.5
150	160.3	0.0	341.6

