

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110722\
 Data File : VD074784.D
 Acq On : 08 Nov 2022 03:15
 Operator : VA/SY
 Sample : N5415-08
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R-21

Quant Time: Nov 08 05:09:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	1149	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	2479	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	2304	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	708	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	1014	111.425	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	222.840%#
35) Dibromofluoromethane	7.799	113	1365	93.083	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	186.160%#
50) Toluene-d8	10.263	98	3006	56.196	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.400%
62) 4-Bromofluorobenzene	12.569	95	936	60.604	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	121.200%

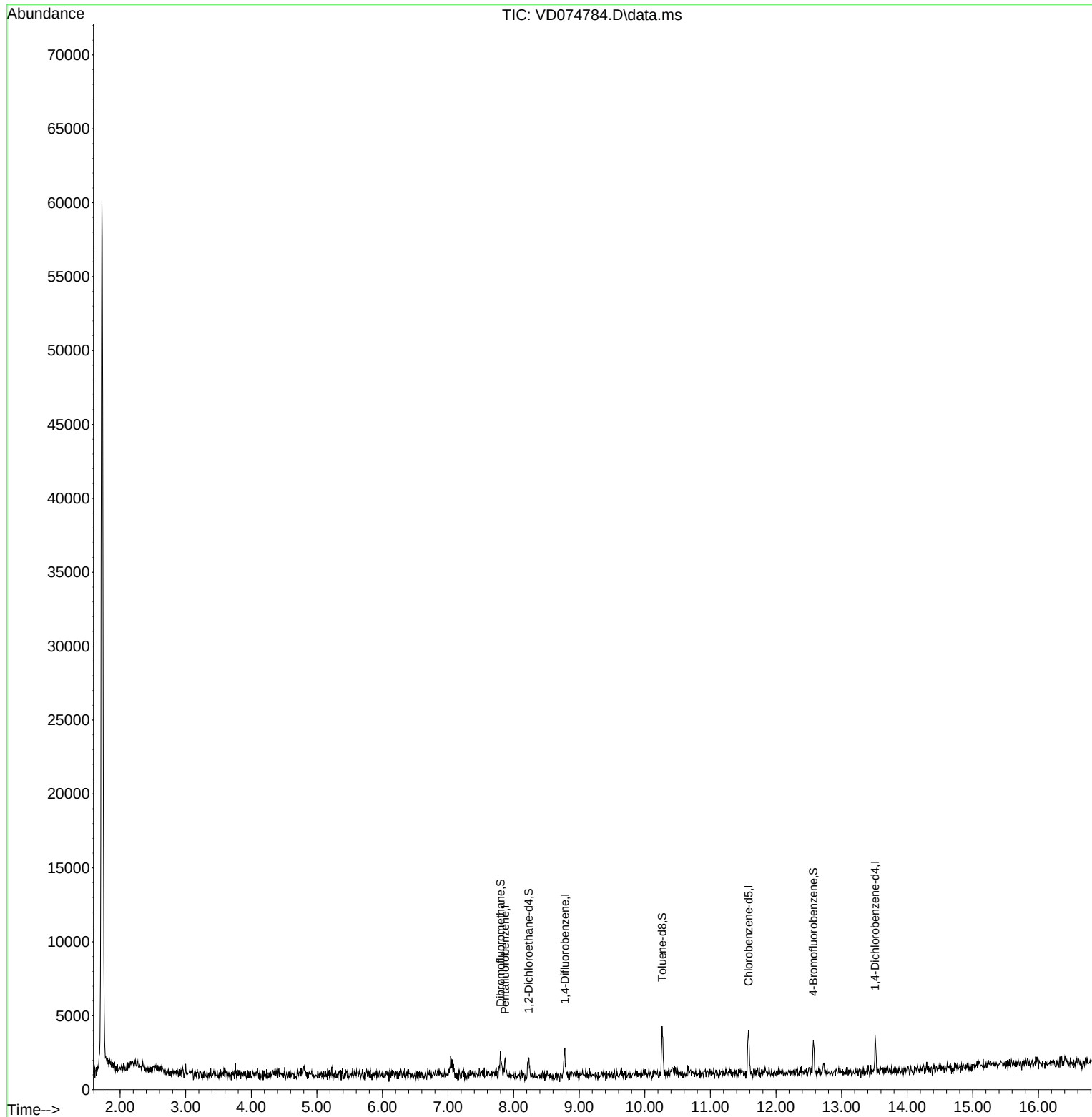
Target Compounds	Qvalue

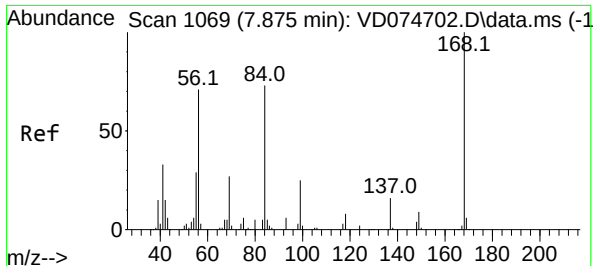
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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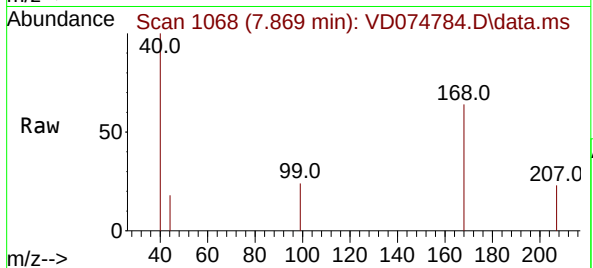
Quant Time: Nov 08 05:09:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
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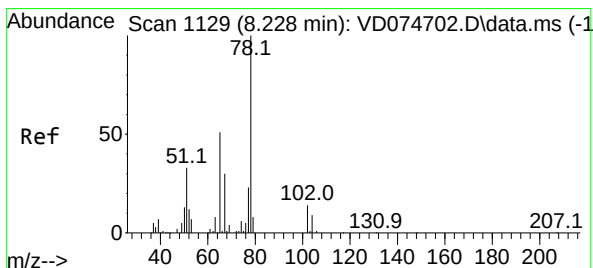
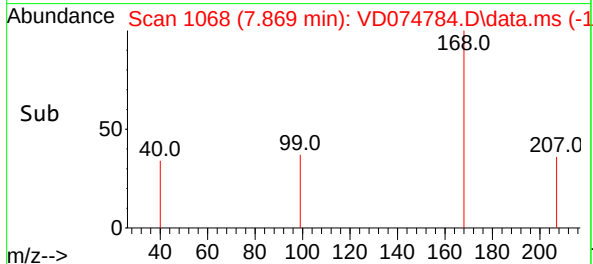
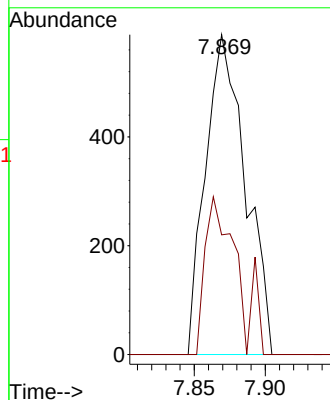


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD074784.D
Acq: 08 Nov 2022 03:15

Instrument :
MSVOA_D
ClientSampleId :
R-21

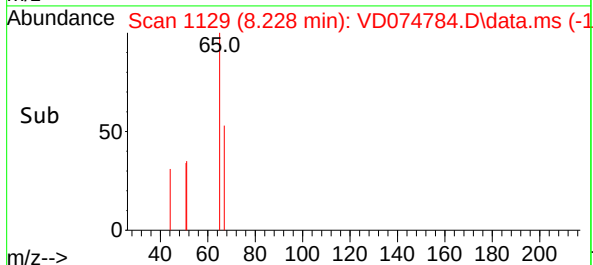
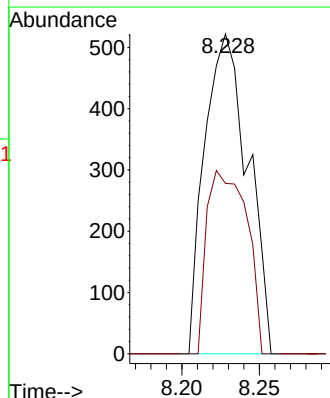
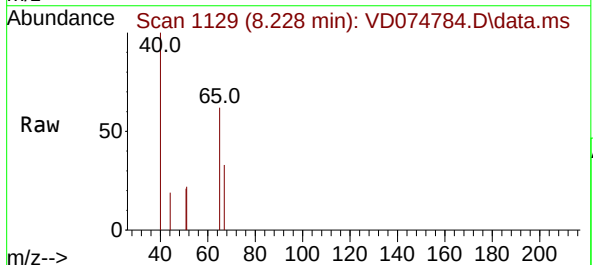


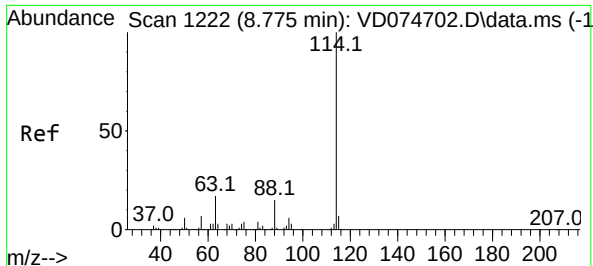
Tgt Ion:168 Resp: 1149
Ion Ratio Lower Upper
168 100
99 37.4 40.9 61.3#



#33
1,2-Dichloroethane-d4
Concen: 111.425 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074784.D
Acq: 08 Nov 2022 03:15

Tgt Ion: 65 Resp: 1014
Ion Ratio Lower Upper
65 100
67 52.9 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074784.D

Acq: 08 Nov 2022 03:15

Instrument :

MSVOA_D

ClientSampleId :

R-21

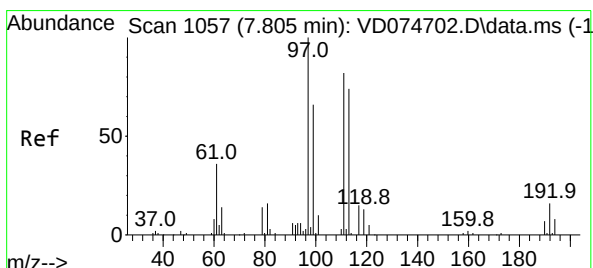
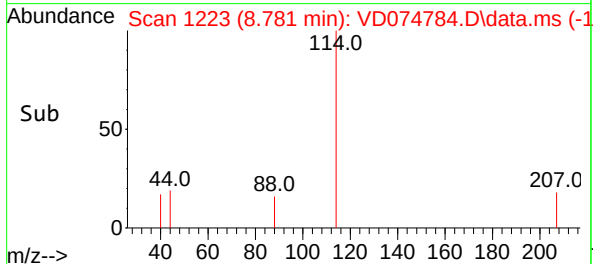
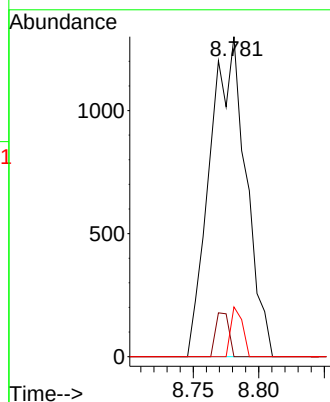
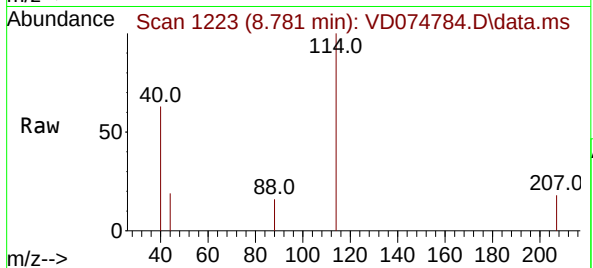
Tgt Ion:114 Resp: 2479

Ion Ratio Lower Upper

114 100

63 0.0 0.0 33.2

88 15.5 0.0 28.2



#35

Dibromofluoromethane

Concen: 93.083 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD074784.D

Acq: 08 Nov 2022 03:15

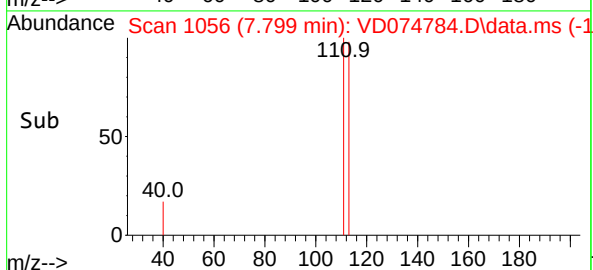
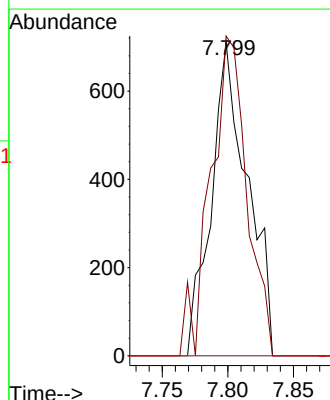
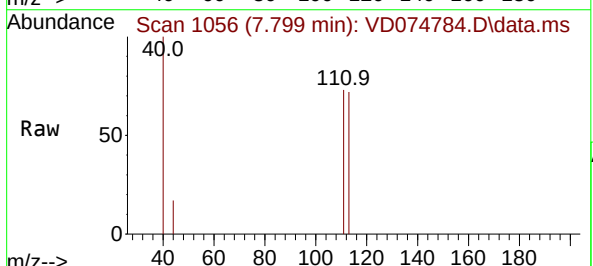
Tgt Ion:113 Resp: 1365

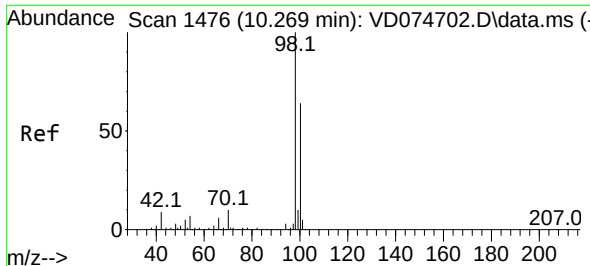
Ion Ratio Lower Upper

113 100

111 102.3 82.3 123.5

192 0.0 16.4 24.6#

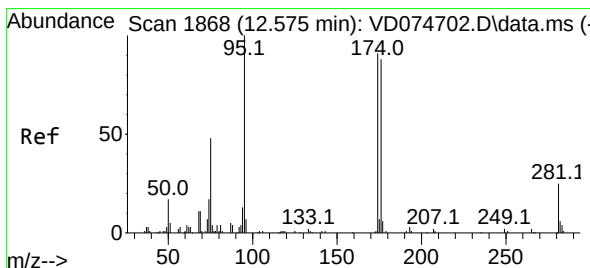
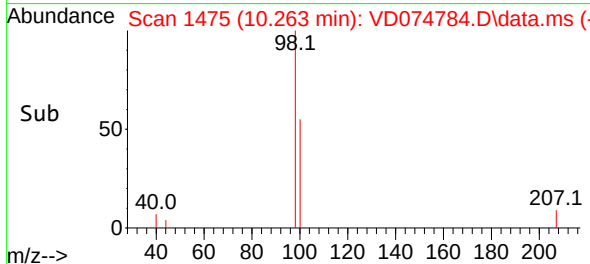
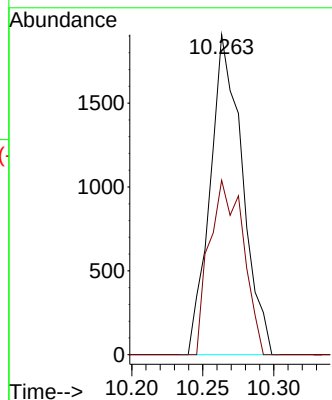
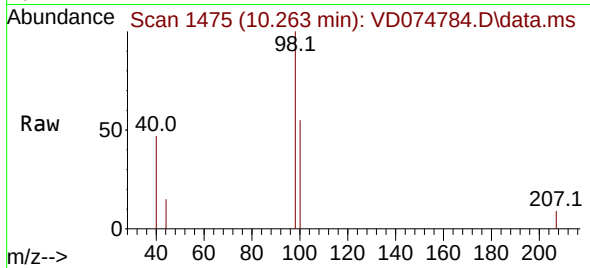




#50
Toluene-d8
Concen: 56.196 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD074784.D
Acq: 08 Nov 2022 03:15

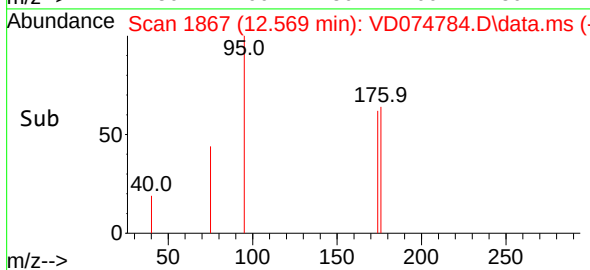
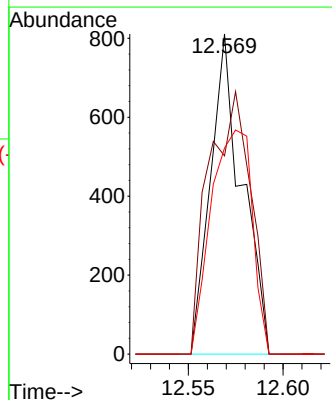
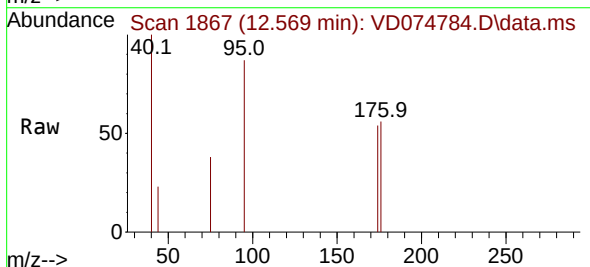
Instrument :
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ClientSampleId :
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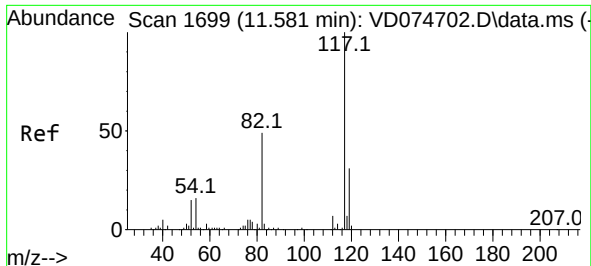
Tgt Ion: 98 Resp: 3006
Ion Ratio Lower Upper
98 100
100 57.5 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 60.604 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD074784.D
Acq: 08 Nov 2022 03:15

Tgt Ion: 95 Resp: 936
Ion Ratio Lower Upper
95 100
174 109.1 0.0 197.0
176 91.6 0.0 182.6

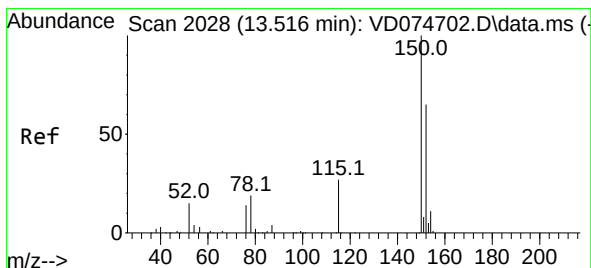
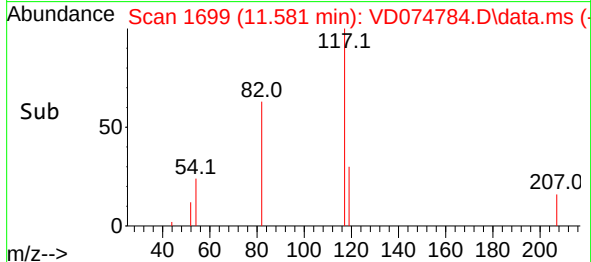
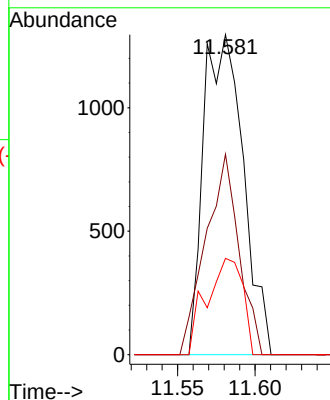
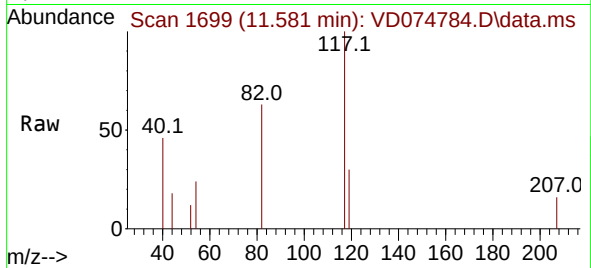




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074784.D
Acq: 08 Nov 2022 03:15

Instrument :
MSVOA_D
ClientSampleId :
R-21

Tgt Ion:117 Resp: 2304
Ion Ratio Lower Upper
117 100
82 62.7 41.6 62.4#
119 30.1 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. -0.006 min
Lab File: VD074784.D
Acq: 08 Nov 2022 03:15

Tgt Ion:152 Resp: 708
Ion Ratio Lower Upper
152 100
115 68.1 26.8 80.4
150 172.9 0.0 348.2

