

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110722\
 Data File : VD074765.D
 Acq On : 07 Nov 2022 17:01
 Operator : VA/SY
 Sample : N5494-11
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-24

Quant Time: Nov 08 00:22:23 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	7.881	168	6694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	12689	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	11855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	5767	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	7714	145.498	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	291.000%#
35) Dibromofluoromethane	7.805	113	7030	93.658	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	187.320%#
50) Toluene-d8	10.269	98	15759	57.557	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	115.120%
62) 4-Bromofluorobenzene	12.575	95	5552	70.230	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	140.460%

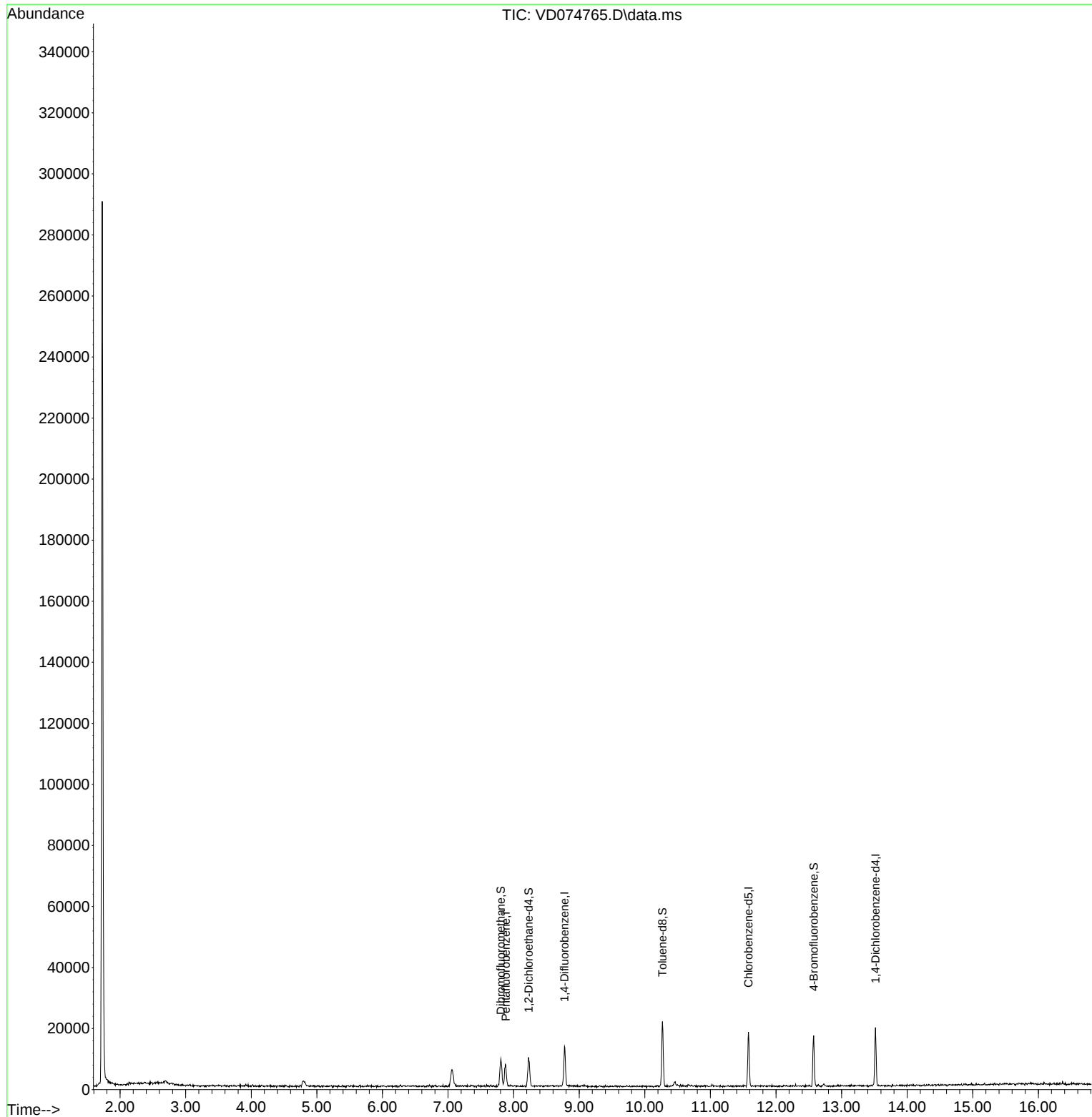
Target Compounds	Qvalue

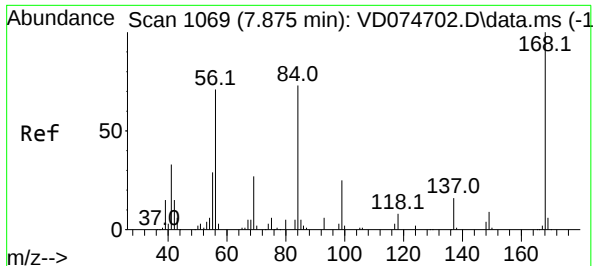
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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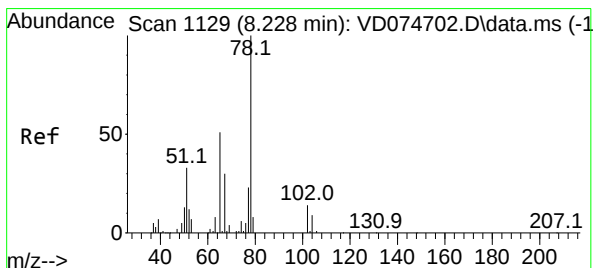
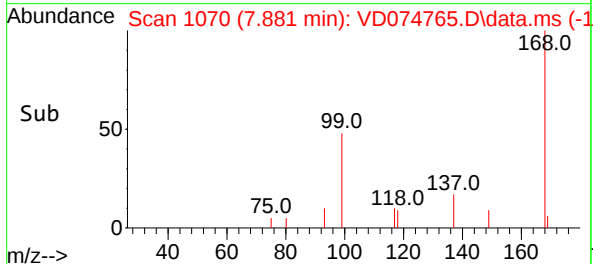
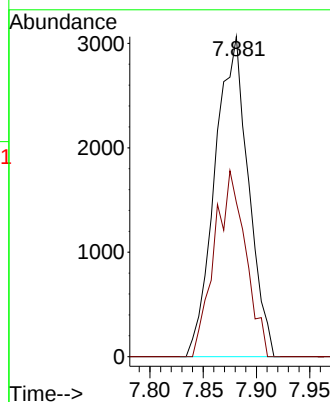
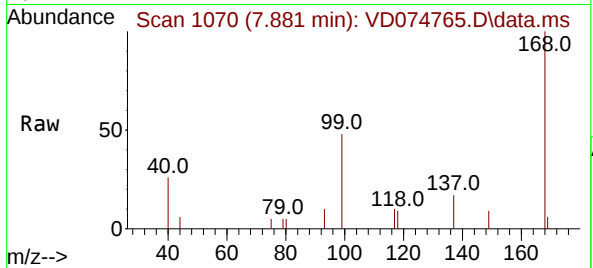




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD074765.D
Acq: 07 Nov 2022 17:01

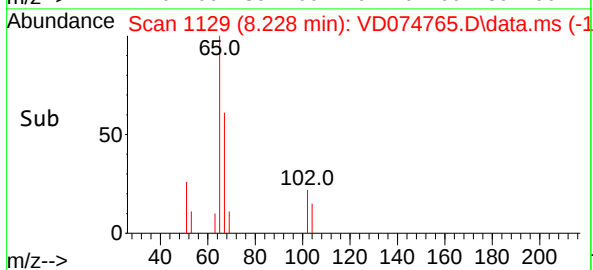
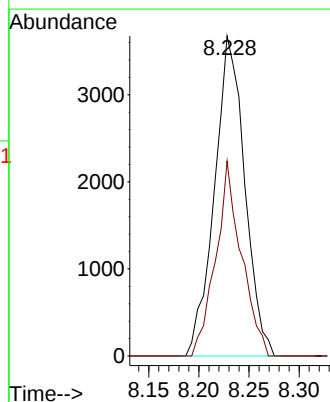
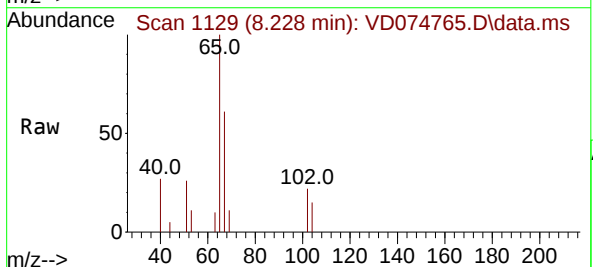
Instrument :
MSVOA_D
ClientSampleId :
SB-24

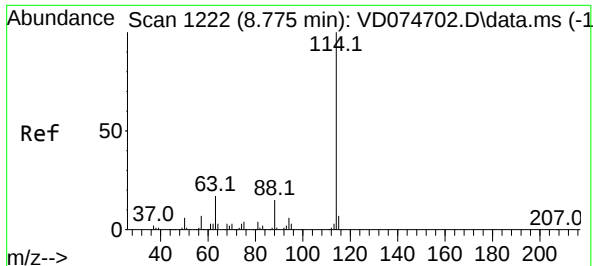
Tgt Ion:168 Resp: 6694
Ion Ratio Lower Upper
168 100
99 48.2 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 145.498 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074765.D
Acq: 07 Nov 2022 17:01

Tgt Ion: 65 Resp: 7714
Ion Ratio Lower Upper
65 100
67 51.8 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: VD074765.D

Acq: 07 Nov 2022 17:01

Instrument :

MSVOA_D

ClientSampleId :

SB-24

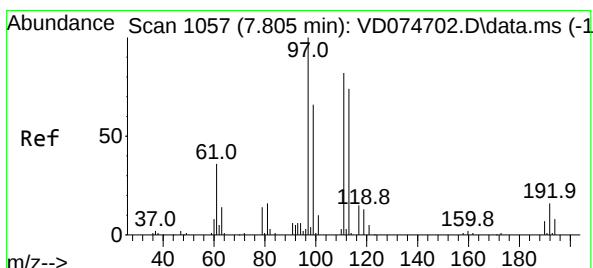
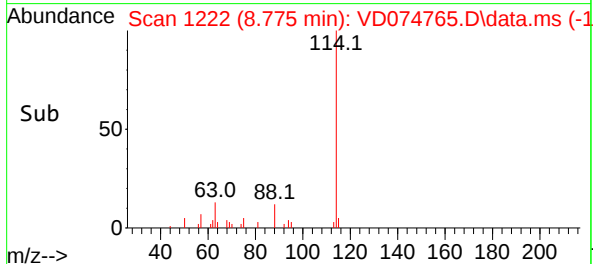
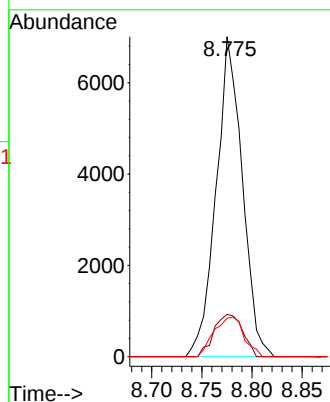
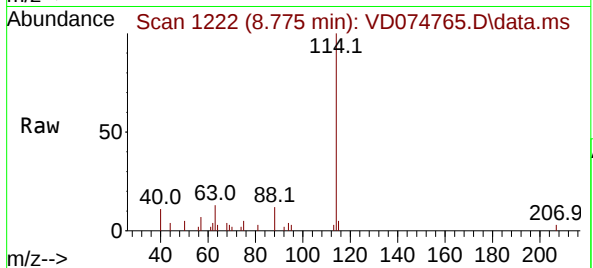
Tgt Ion:114 Resp: 12689

Ion Ratio Lower Upper

114 100

63 13.3 0.0 33.2

88 12.0 0.0 28.2



#35

Dibromofluoromethane

Concen: 93.658 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074765.D

Acq: 07 Nov 2022 17:01

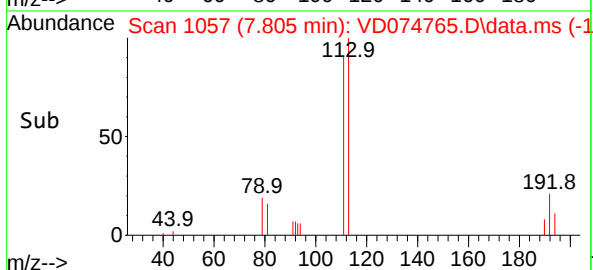
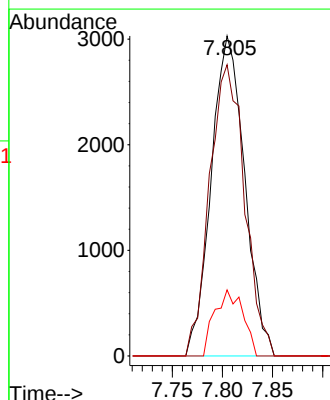
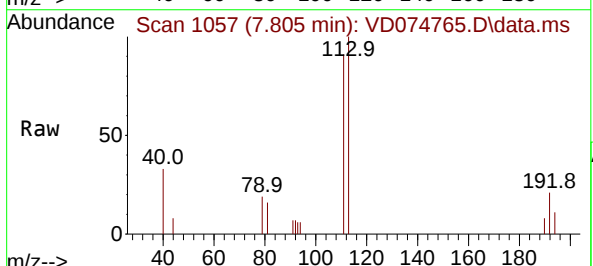
Tgt Ion:113 Resp: 7030

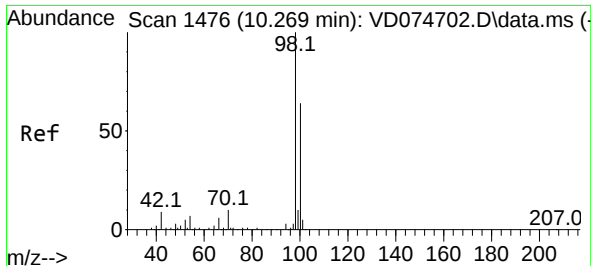
Ion Ratio Lower Upper

113 100

111 95.0 82.3 123.5

192 17.3 16.4 24.6

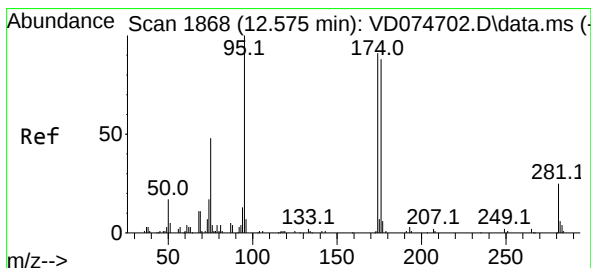
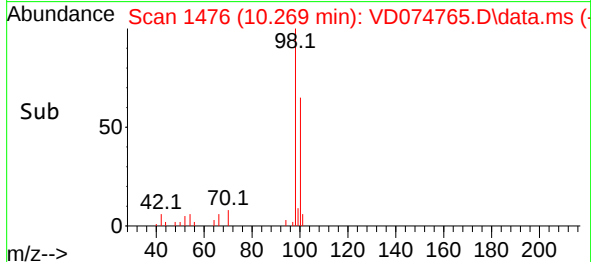
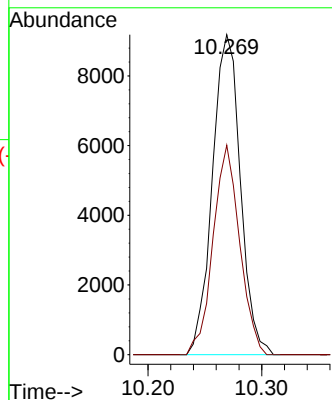
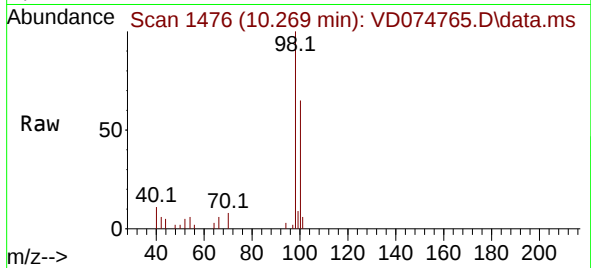




#50
Toluene-d8
Concen: 57.557 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074765.D
Acq: 07 Nov 2022 17:01

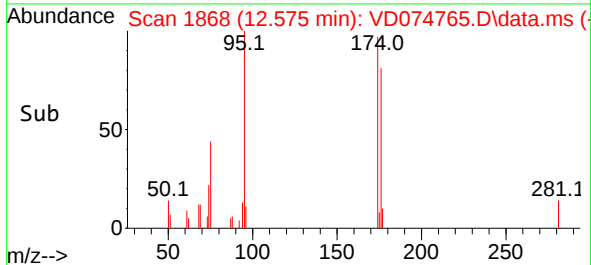
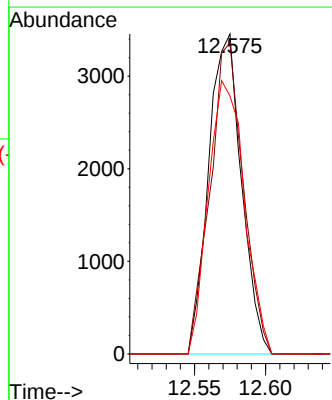
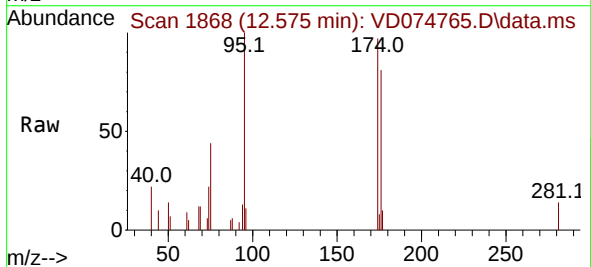
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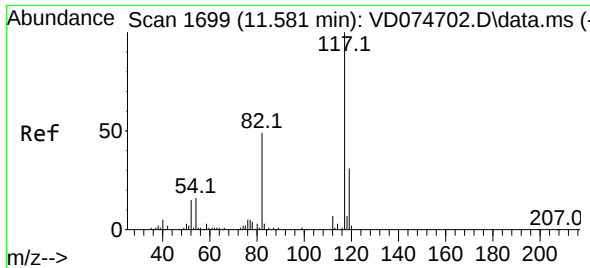
Tgt Ion: 98 Resp: 15759
Ion Ratio Lower Upper
98 100
100 62.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 70.230 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074765.D
Acq: 07 Nov 2022 17:01

Tgt Ion: 95 Resp: 5552
Ion Ratio Lower Upper
95 100
174 98.2 0.0 197.0
176 93.9 0.0 182.6

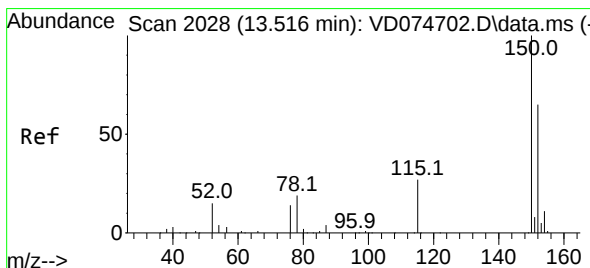
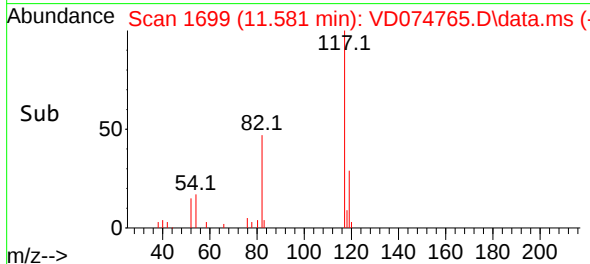
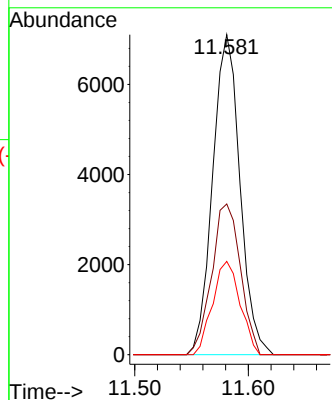
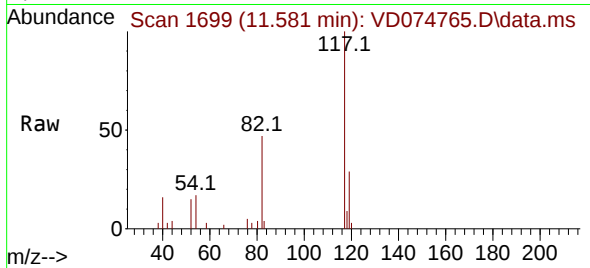




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074765.D
Acq: 07 Nov 2022 17:01

Instrument :
MSVOA_D
ClientSampleId :
SB-24

Tgt Ion:	117	Resp:	11855
Ion	Ratio	Lower	Upper
117	100		
82	47.1	41.6	62.4
119	29.1	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD074765.D
Acq: 07 Nov 2022 17:01

Tgt Ion:	152	Resp:	5767
Ion	Ratio	Lower	Upper
152	100		
115	53.2	26.8	80.4
150	164.7	0.0	348.2

