

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041723\
 Data File : VD075695.D
 Acq On : 17 Apr 2023 12:02
 Operator : KP/SY
 Sample : VD0417SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0417SBL01

Quant Time: Apr 18 01:59:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	183542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	335213	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	302793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	127285	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	91744	52.661	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.320%
35) Dibromofluoromethane	7.810	113	114726	50.884	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.760%
50) Toluene-d8	10.269	98	416475	46.127	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.260%
62) 4-Bromofluorobenzene	12.575	95	104294	43.458	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.920%

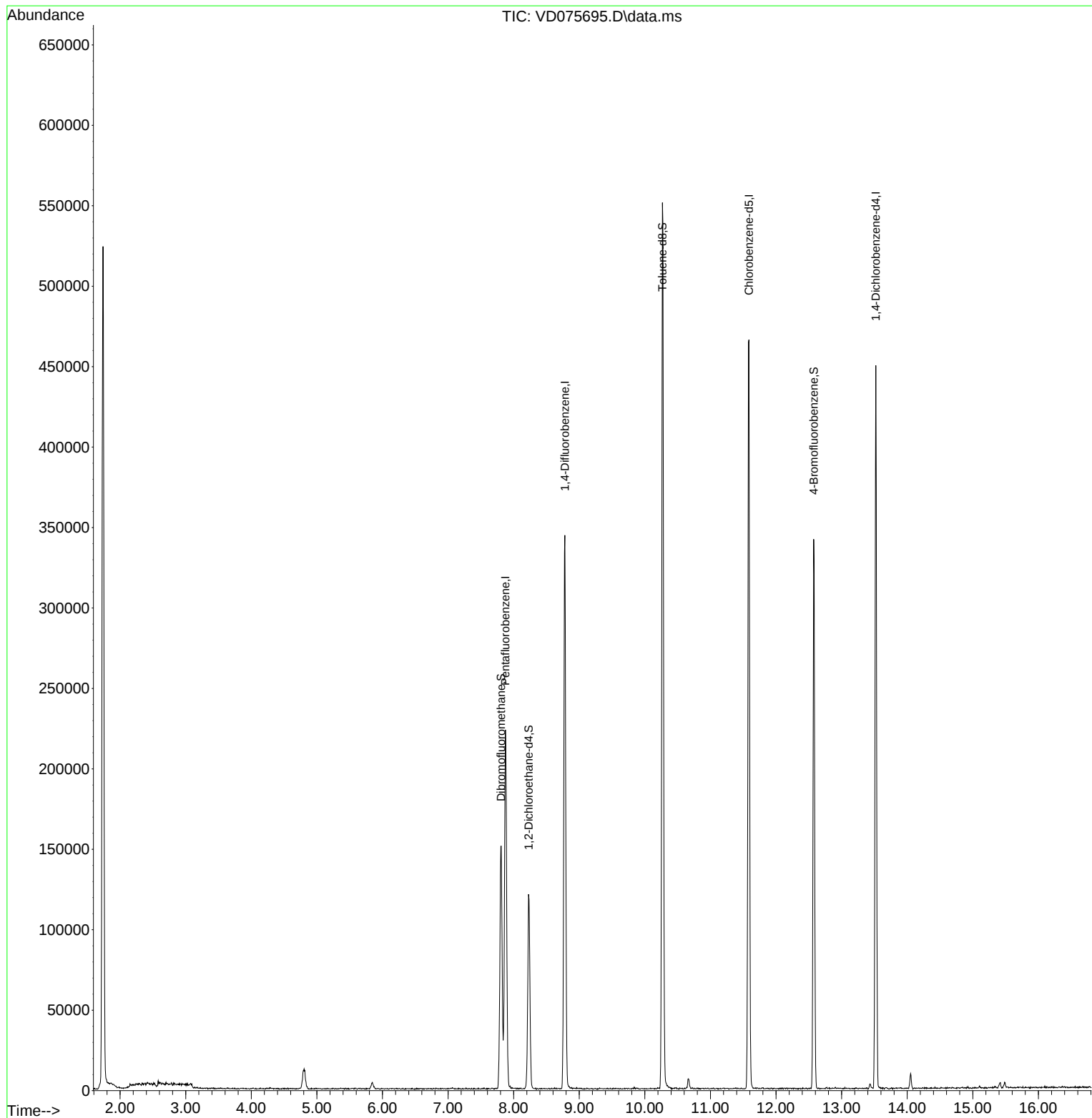
Target Compounds	Qvalue

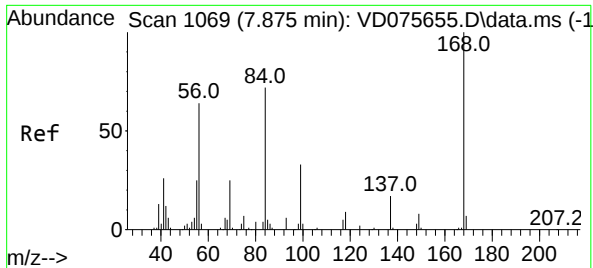
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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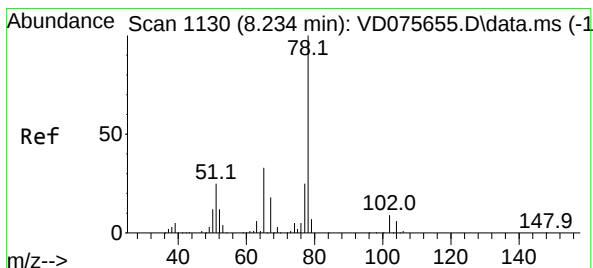
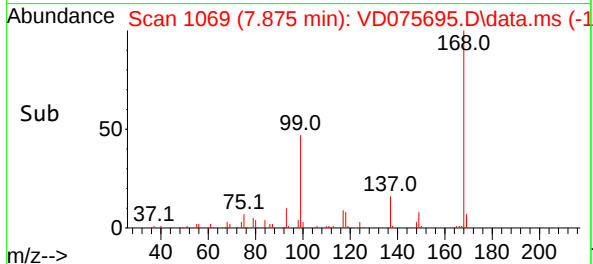
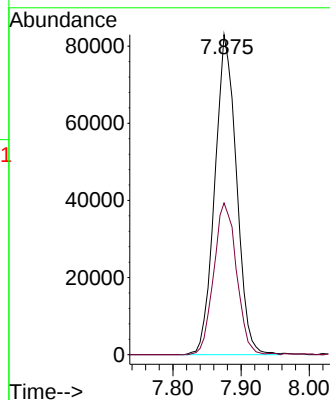
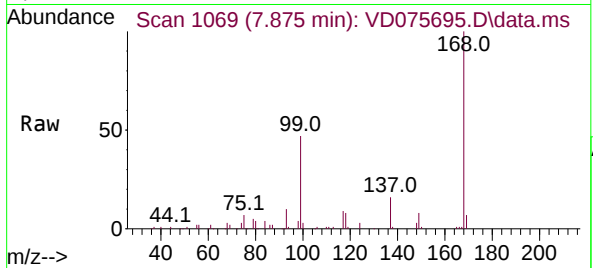




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075695.D
Acq: 17 Apr 2023 12:02

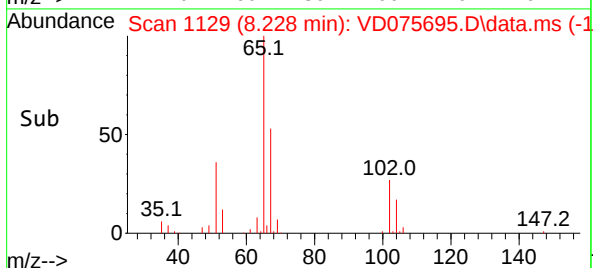
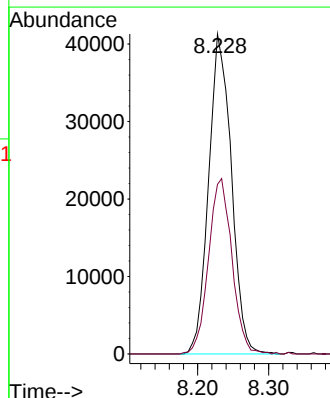
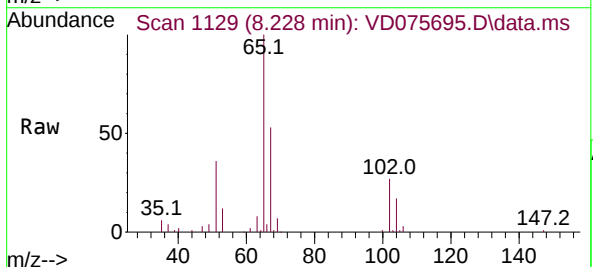
Instrument :
MSVOA_D
ClientSampleId :
VD0417SBL01

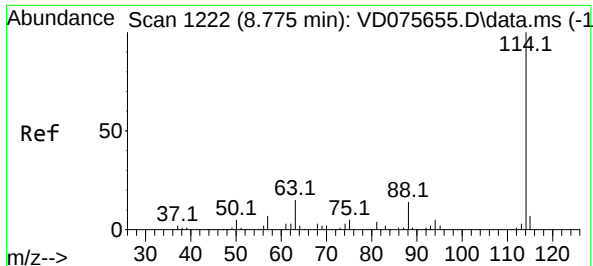
Tgt Ion:168 Resp: 183542
Ion Ratio Lower Upper
168 100
99 47.4 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 52.661 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075695.D
Acq: 17 Apr 2023 12:02

Tgt Ion: 65 Resp: 91744
Ion Ratio Lower Upper
65 100
67 56.6 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075695.D

Acq: 17 Apr 2023 12:02

Instrument :

MSVOA_D

ClientSampleId :

VD0417SBL01

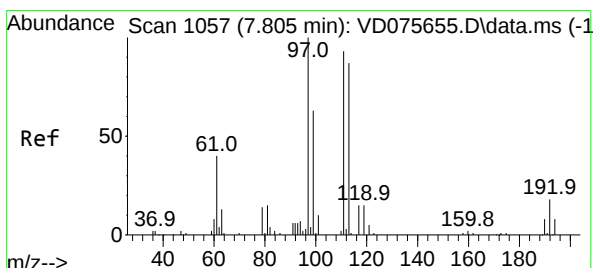
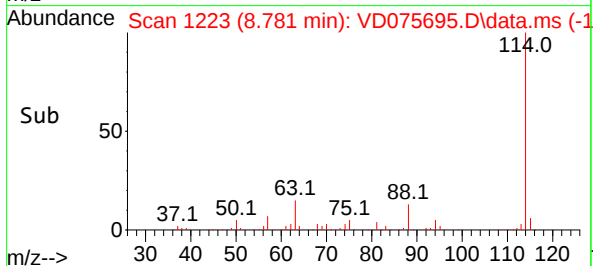
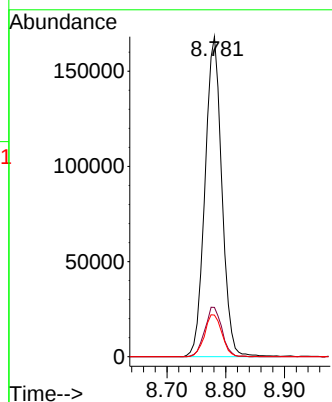
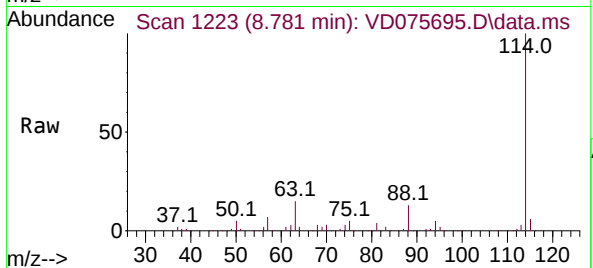
Tgt Ion:114 Resp: 335213

Ion Ratio Lower Upper

114 100

63 15.4 0.0 41.6

88 13.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.884 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD075695.D

Acq: 17 Apr 2023 12:02

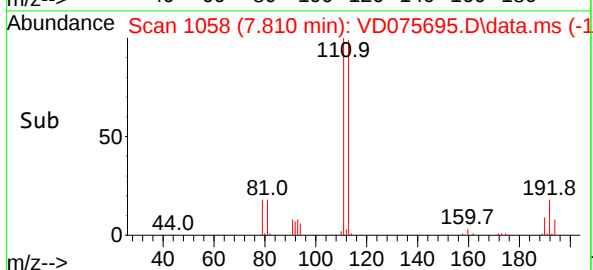
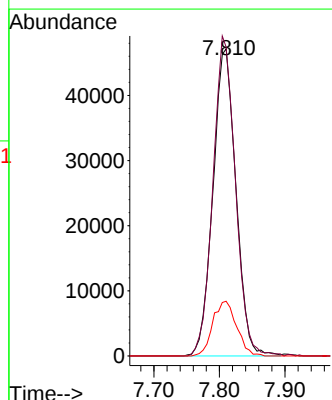
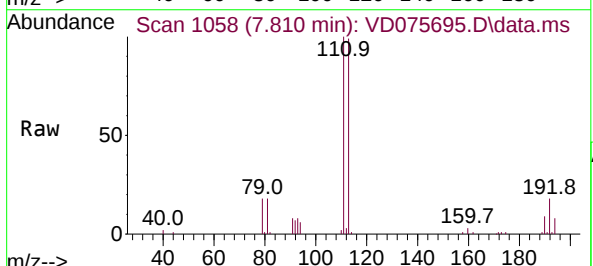
Tgt Ion:113 Resp: 114726

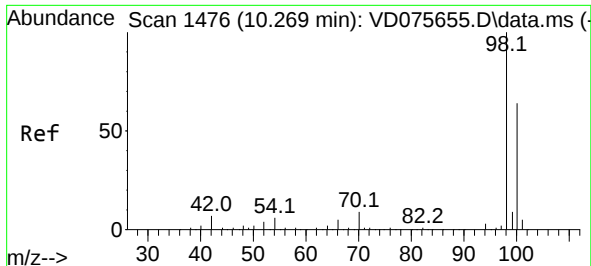
Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

192 18.5 15.2 22.8

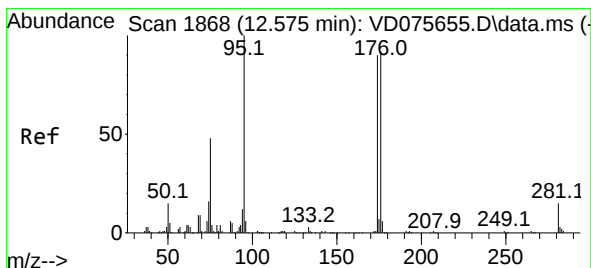
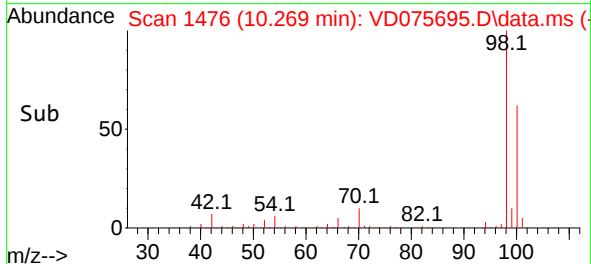
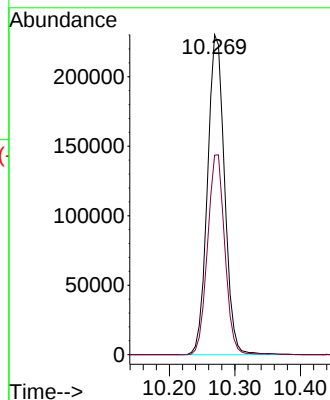
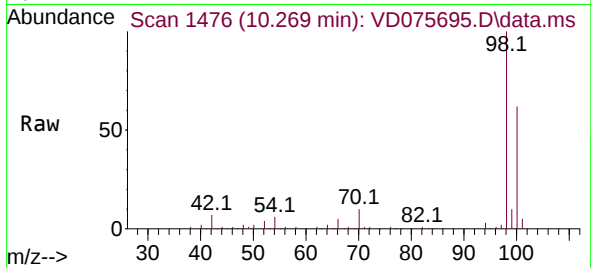




#50
Toluene-d8
Concen: 46.127 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075695.D
Acq: 17 Apr 2023 12:02

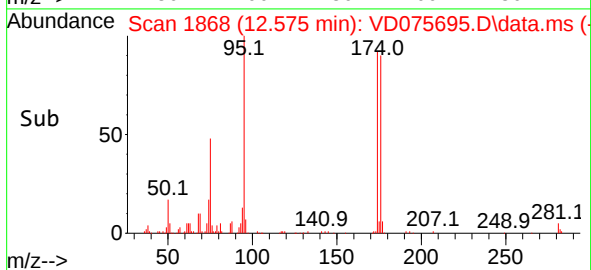
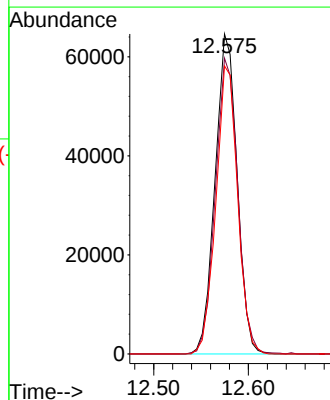
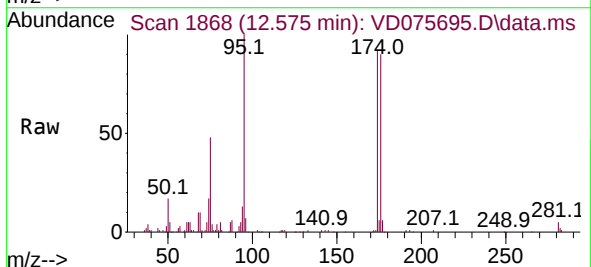
Instrument :
MSVOA_D
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VD0417SBL01

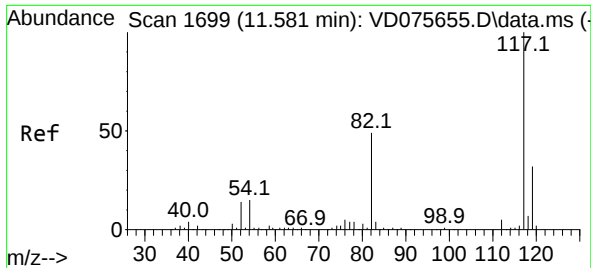
Tgt Ion: 98 Resp: 416475
Ion Ratio Lower Upper
98 100
100 63.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 43.458 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075695.D
Acq: 17 Apr 2023 12:02

Tgt Ion: 95 Resp: 104294
Ion Ratio Lower Upper
95 100
174 94.2 0.0 164.0
176 89.0 0.0 156.8

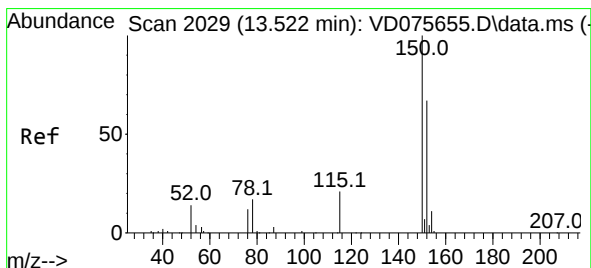
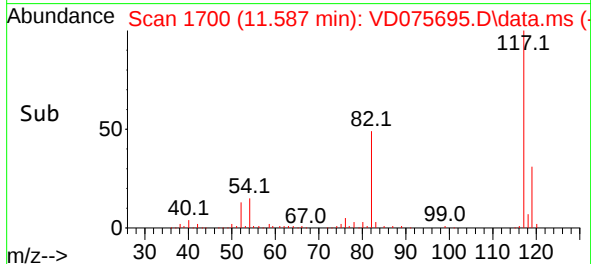
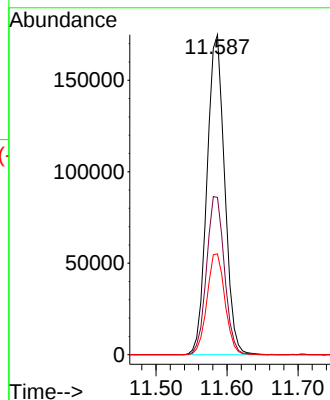
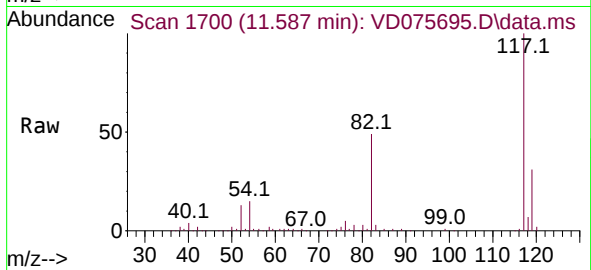




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075695.D
Acq: 17 Apr 2023 12:02

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBL01

Tgt Ion:117 Resp: 302793
Ion Ratio Lower Upper
117 100
82 49.2 44.0 66.0
119 31.5 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075695.D
Acq: 17 Apr 2023 12:02

Tgt Ion:152 Resp: 127285
Ion Ratio Lower Upper
152 100
115 55.1 30.1 90.3
150 159.5 0.0 364.8

