

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041823\
 Data File : VD075721.D
 Acq On : 18 Apr 2023 12:26
 Operator : KP/SY
 Sample : 02362-03
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HW-STONE-2-0414

Quant Time: Apr 19 01:22:58 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	7.881	168	195410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	356201	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	325090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	137010	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	90570	48.830	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.660%
35) Dibromofluoromethane	7.805	113	114045	47.602	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.200%
50) Toluene-d8	10.269	98	413999	43.151	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.300%
62) 4-Bromofluorobenzene	12.575	95	103186	40.463	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.920%

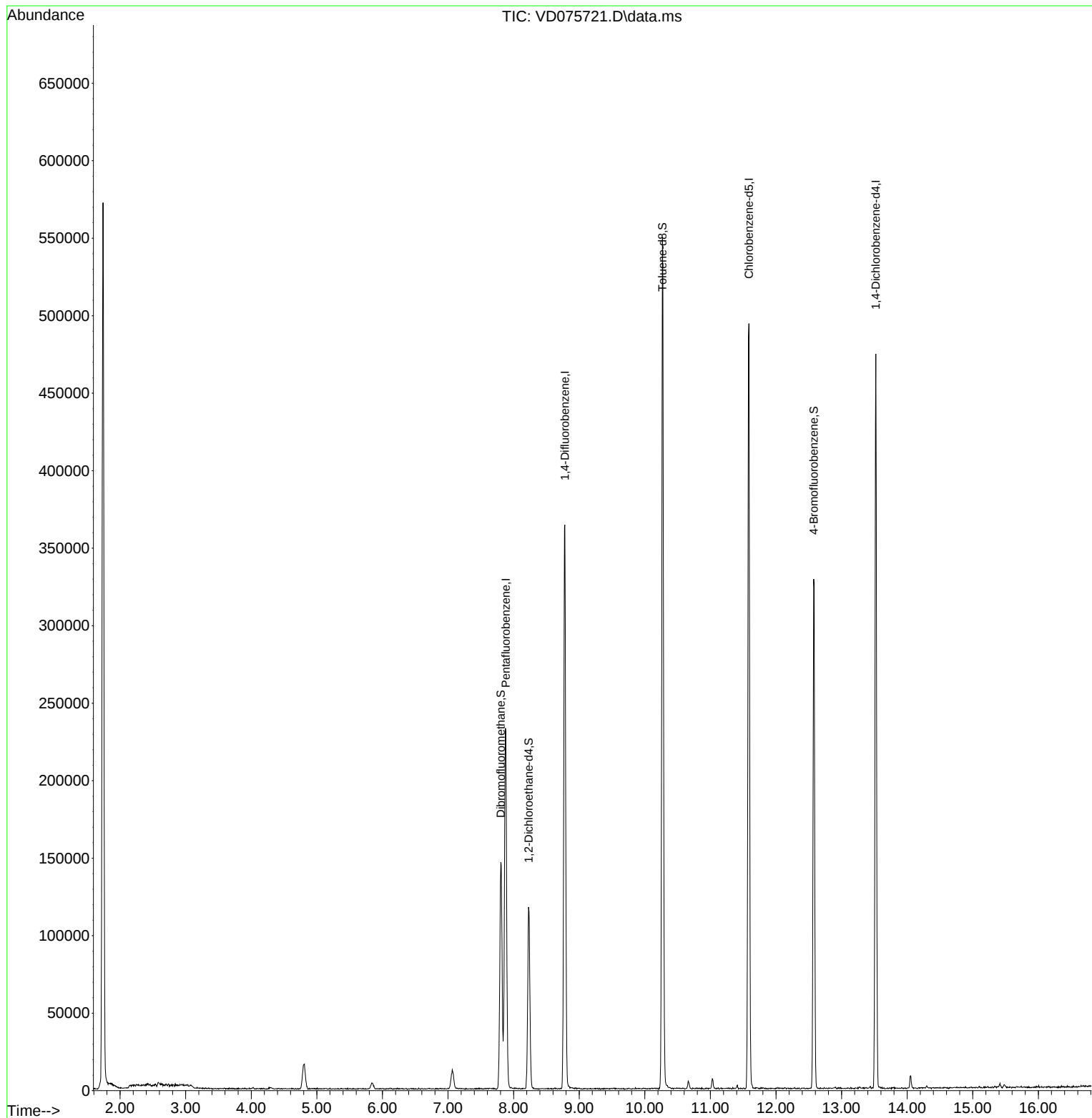
Target Compounds	Qvalue

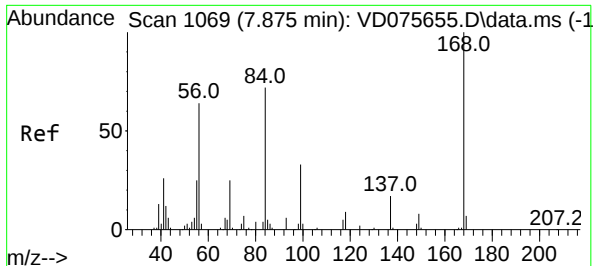
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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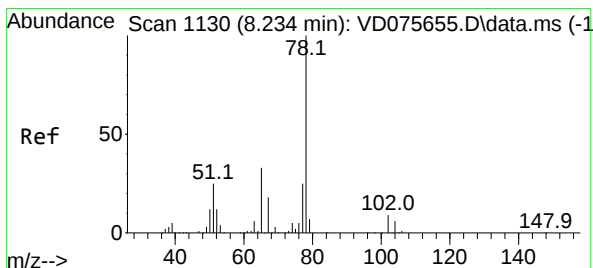
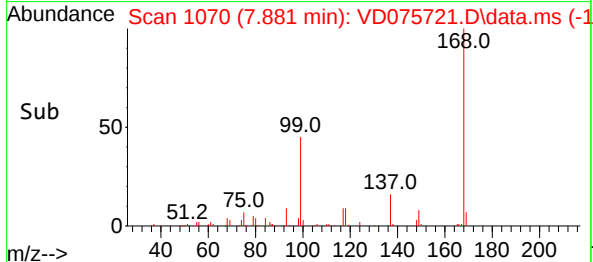
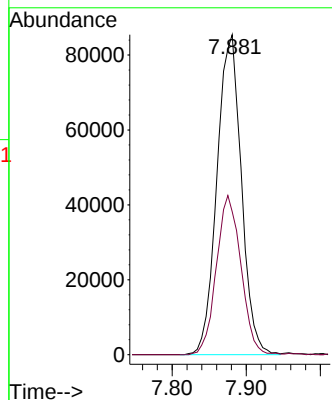
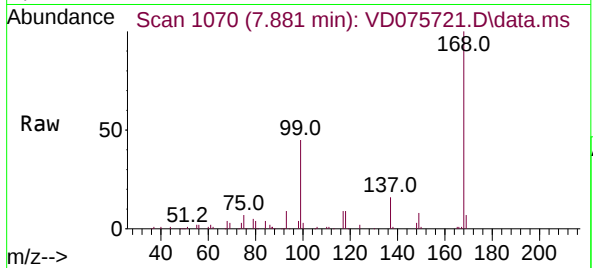




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VD075721.D
Acq: 18 Apr 2023 12:26

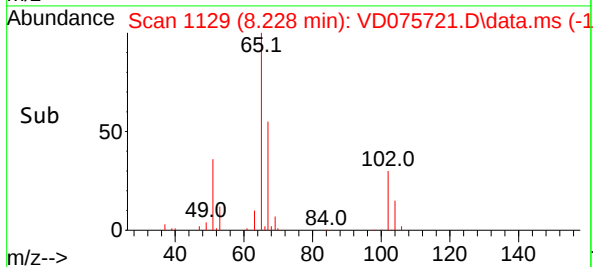
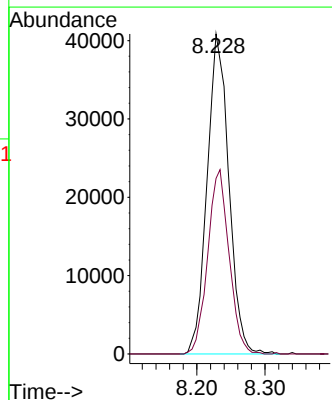
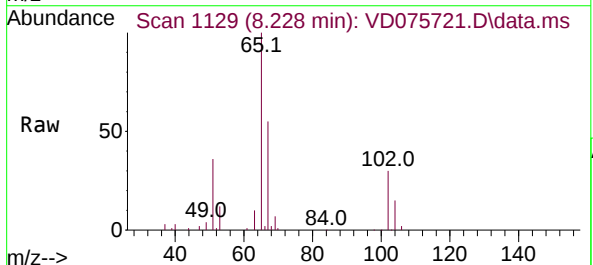
Instrument :
MSVOA_D
ClientSampleId :
HW-STONE-2-0414

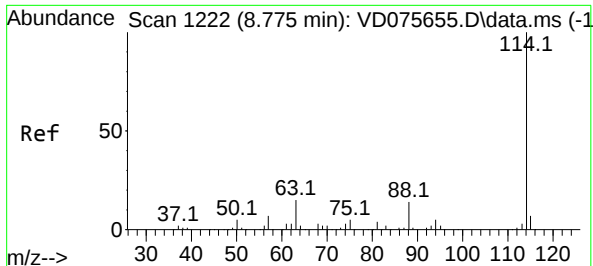
Tgt Ion:168 Resp: 195410
Ion Ratio Lower Upper
168 100
99 44.7 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 48.830 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075721.D
Acq: 18 Apr 2023 12:26

Tgt Ion: 65 Resp: 90570
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: VD075721.D

Acq: 18 Apr 2023 12:26

Instrument :

MSVOA_D

ClientSampleId :

HW-STONE-2-0414

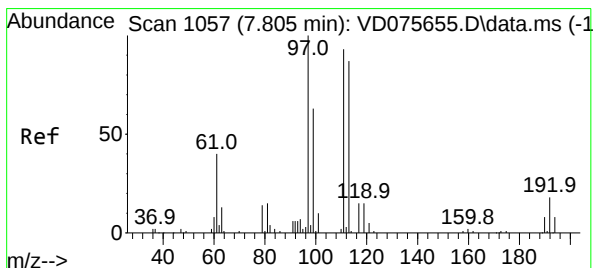
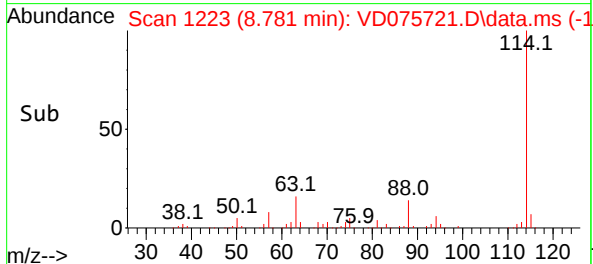
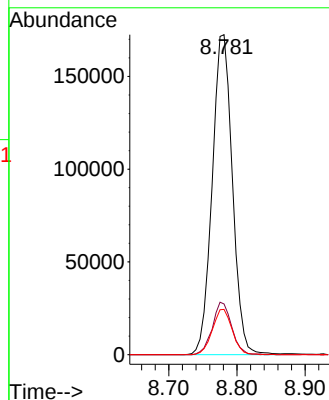
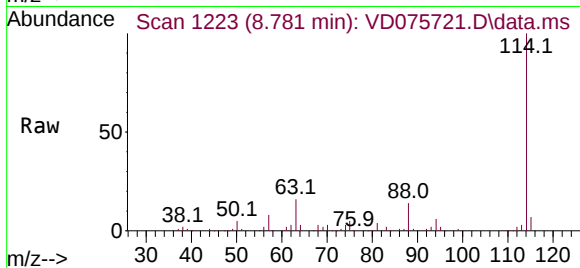
Tgt Ion:114 Resp: 356201

Ion Ratio Lower Upper

114 100

63 15.8 0.0 41.6

88 14.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.602 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075721.D

Acq: 18 Apr 2023 12:26

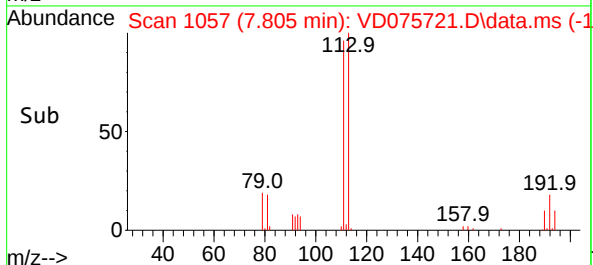
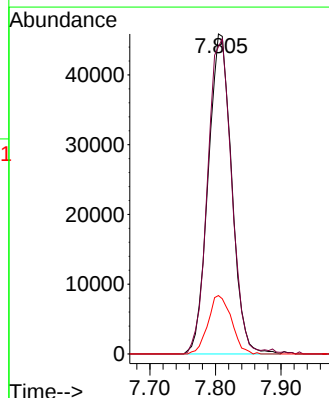
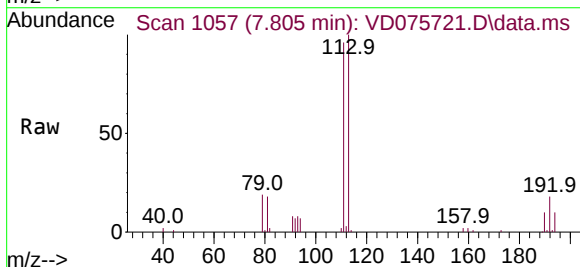
Tgt Ion:113 Resp: 114045

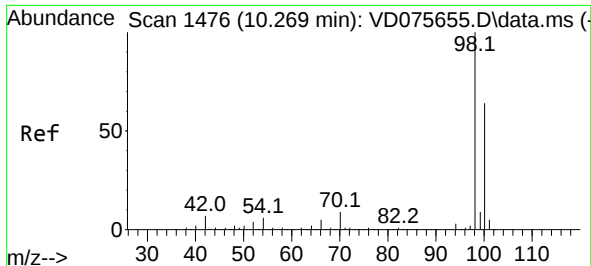
Ion Ratio Lower Upper

113 100

111 100.5 81.4 122.0

192 18.2 15.2 22.8

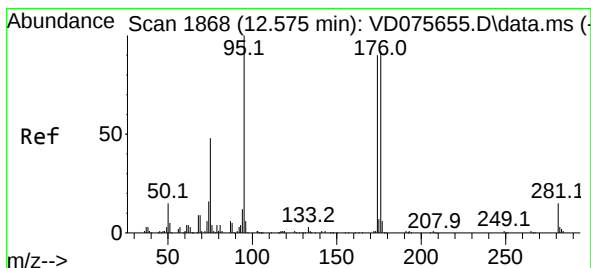
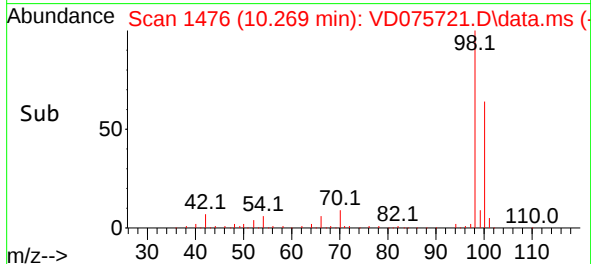
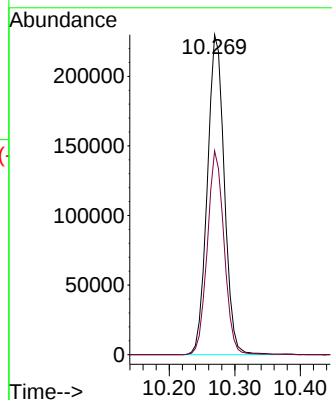
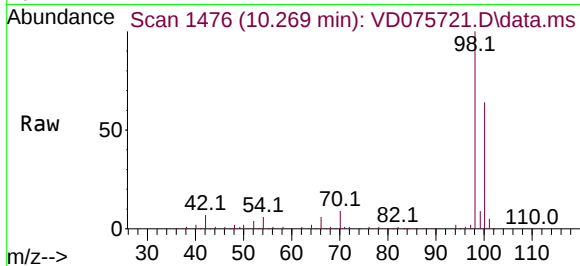




#50
Toluene-d8
Concen: 43.151 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075721.D
Acq: 18 Apr 2023 12:26

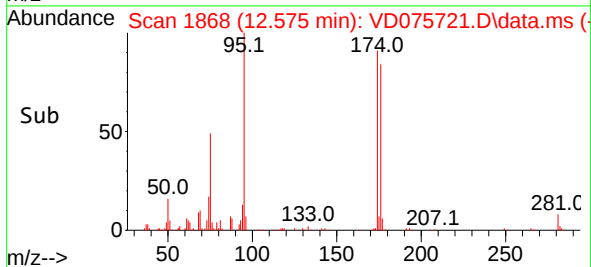
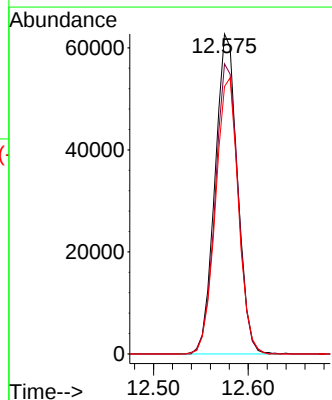
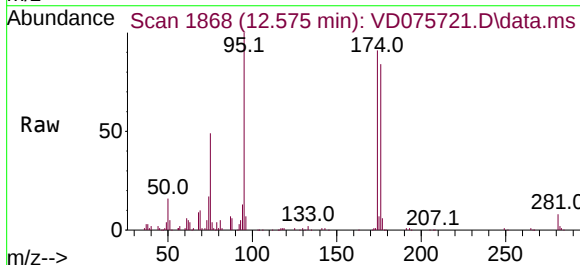
Instrument :
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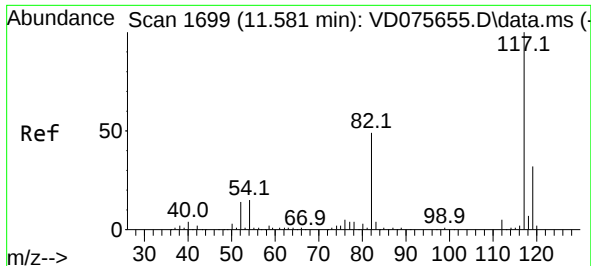
Tgt Ion: 98 Resp: 413999
Ion Ratio Lower Upper
98 100
100 62.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 40.463 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075721.D
Acq: 18 Apr 2023 12:26

Tgt Ion: 95 Resp: 103186
Ion Ratio Lower Upper
95 100
174 92.6 0.0 164.0
176 87.8 0.0 156.8

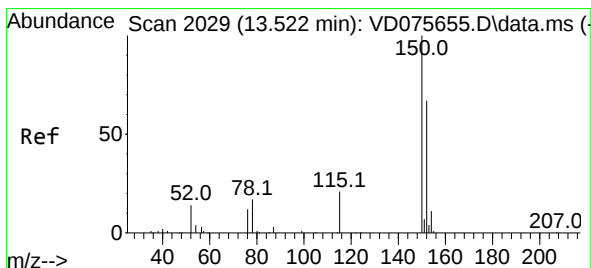
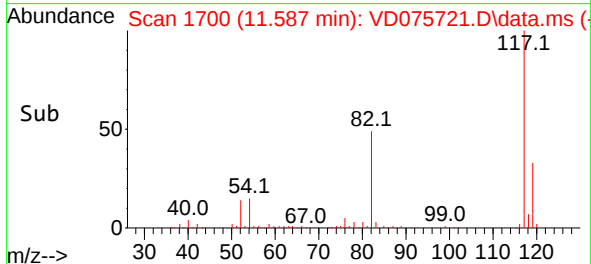
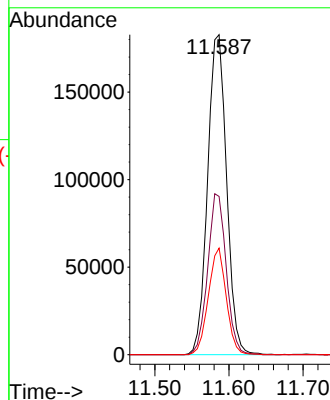
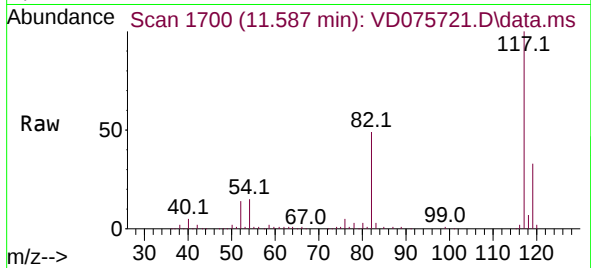




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075721.D
Acq: 18 Apr 2023 12:26

Instrument :
MSVOA_D
ClientSampleId :
HW-STONE-2-0414

Tgt Ion:117 Resp: 325090
Ion Ratio Lower Upper
117 100
82 49.5 44.0 66.0
119 33.3 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: VD075721.D
Acq: 18 Apr 2023 12:26

Tgt Ion:152 Resp: 137010
Ion Ratio Lower Upper
152 100
115 54.4 30.1 90.3
150 156.1 0.0 364.8

