

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041923\
 Data File : VD075741.D
 Acq On : 19 Apr 2023 11:28
 Operator : KP/SY
 Sample : VD0419SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0419SBL01

Quant Time: Apr 20 05:59:23 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	172442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	316828	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	287679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	120481	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	91120	55.669	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.340%
35) Dibromofluoromethane	7.804	113	111020	52.098	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.200%
50) Toluene-d8	10.269	98	402754	47.196	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.400%
62) 4-Bromofluorobenzene	12.575	95	99636	43.927	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.860%

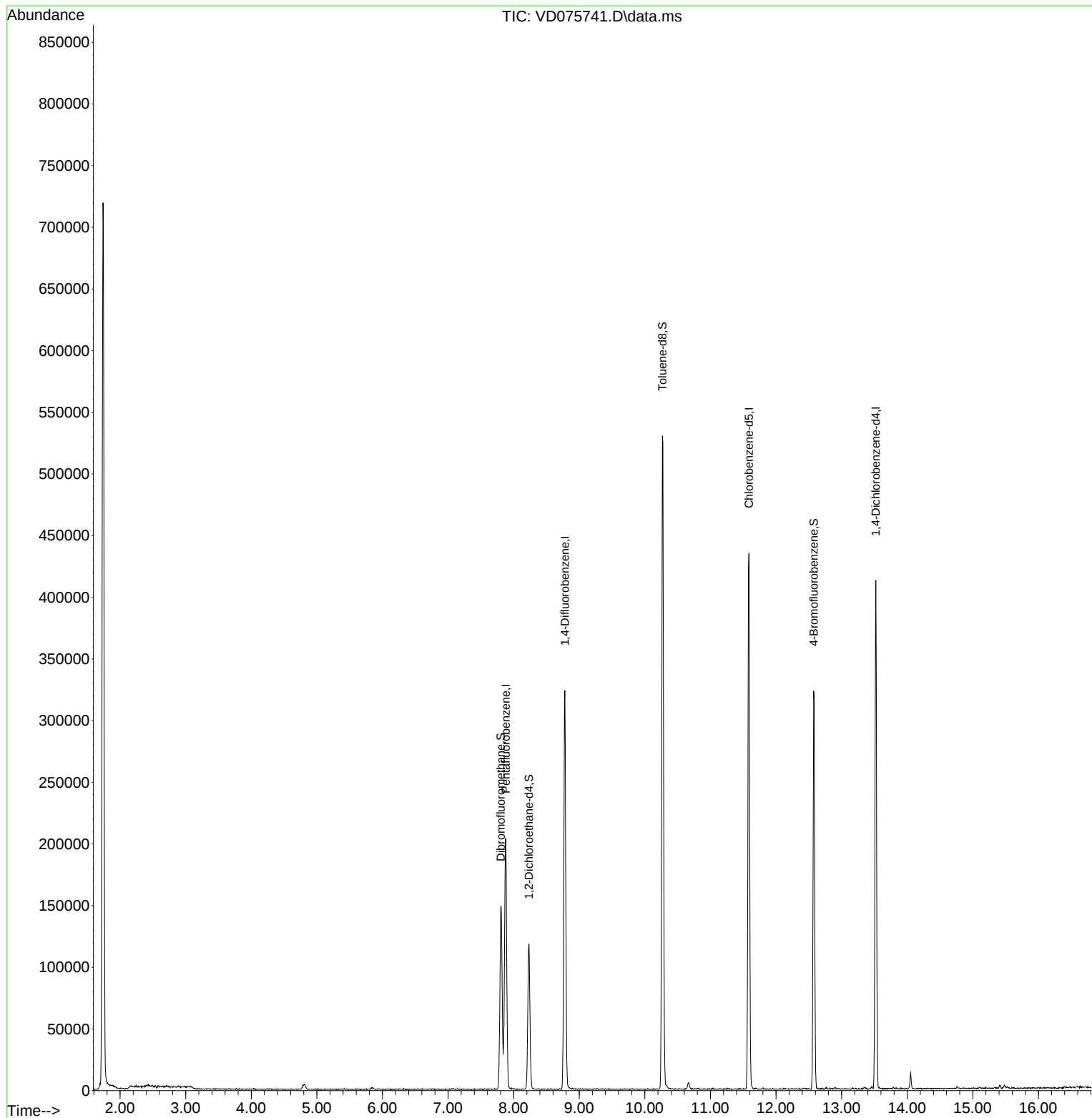
Target Compounds	Qvalue

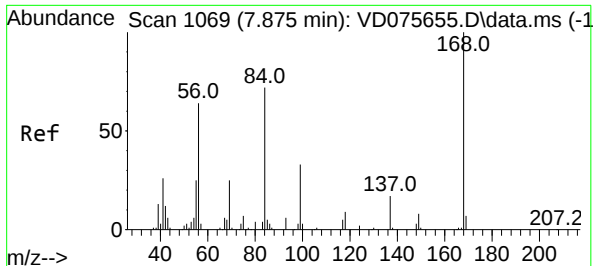
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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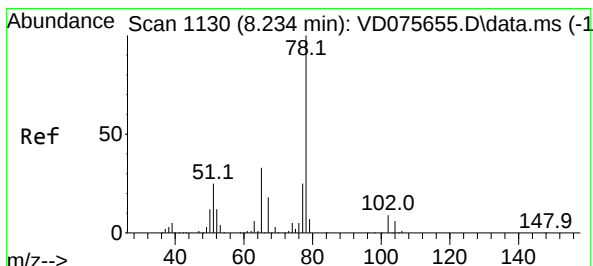
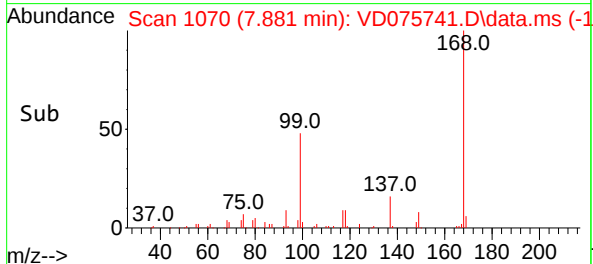
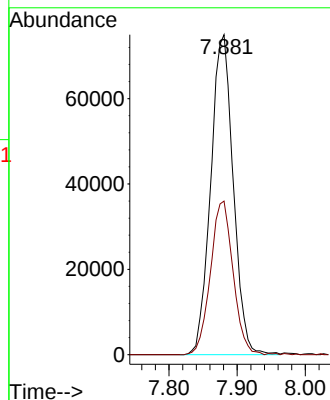
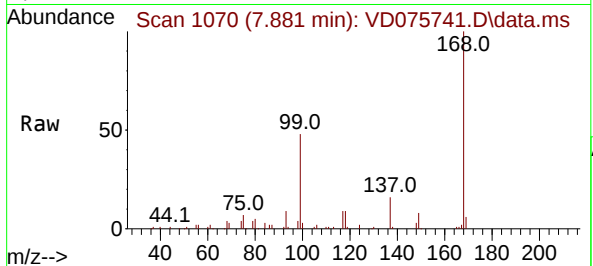




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD075741.D
Acq: 19 Apr 2023 11:28

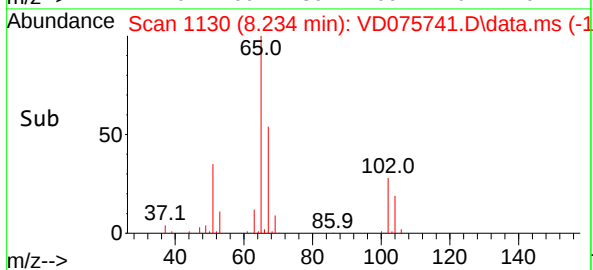
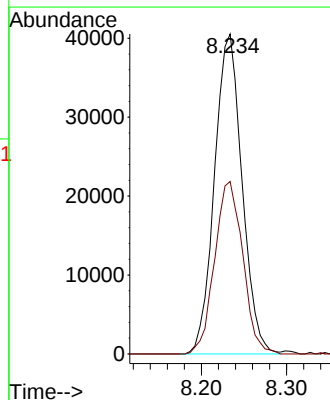
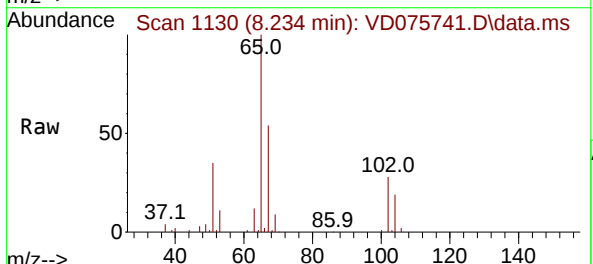
Instrument :
MSVOA_D
ClientSampleId :
VD0419SBL01

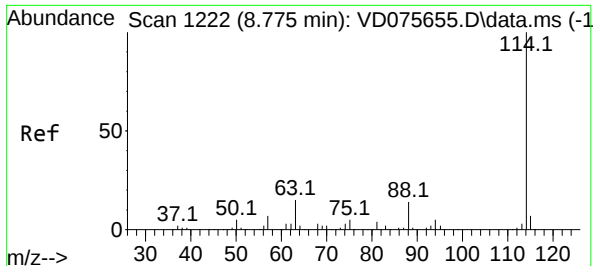
Tgt Ion:168 Resp: 172442
Ion Ratio Lower Upper
168 100
99 48.0 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 55.669 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075741.D
Acq: 19 Apr 2023 11:28

Tgt Ion: 65 Resp: 91120
Ion Ratio Lower Upper
65 100
67 55.0 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: VD075741.D

Acq: 19 Apr 2023 11:28

Instrument :

MSVOA_D

ClientSampleId :

VD0419SBL01

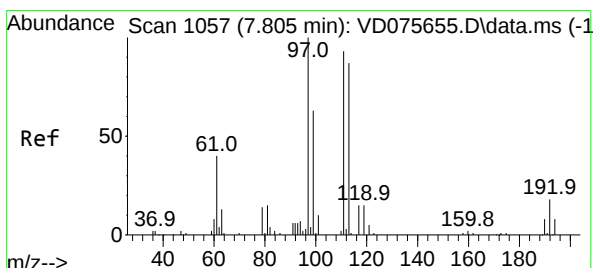
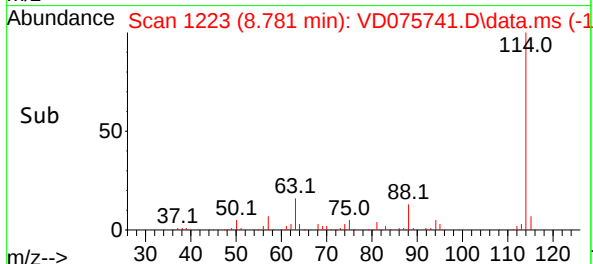
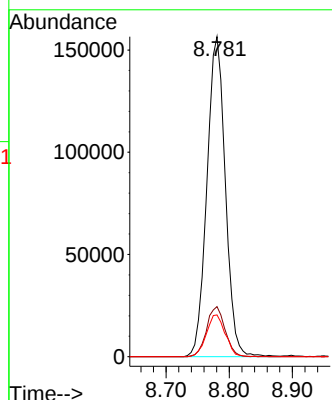
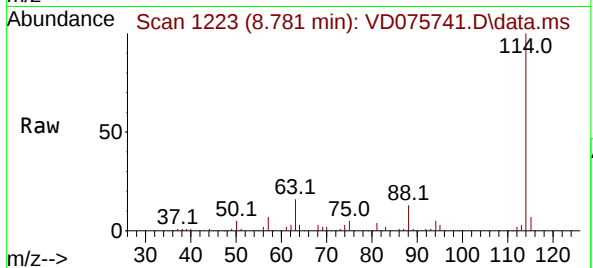
Tgt Ion:114 Resp: 316828

Ion Ratio Lower Upper

114 100

63 15.6 0.0 41.6

88 13.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.098 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD075741.D

Acq: 19 Apr 2023 11:28

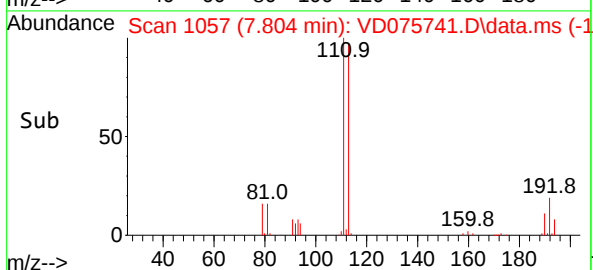
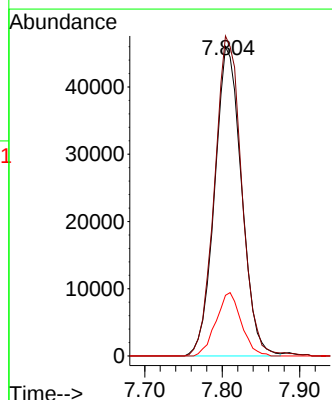
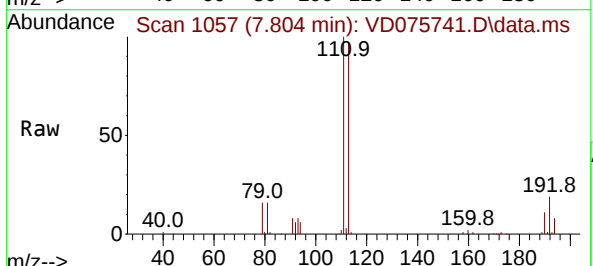
Tgt Ion:113 Resp: 111020

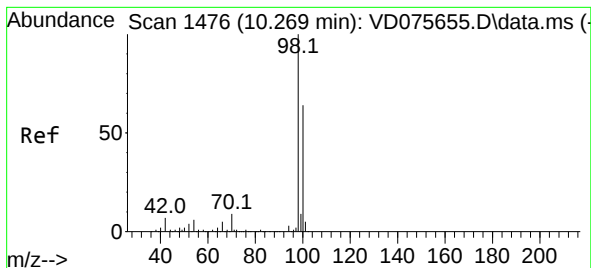
Ion Ratio Lower Upper

113 100

111 104.5 81.4 122.0

192 19.3 15.2 22.8

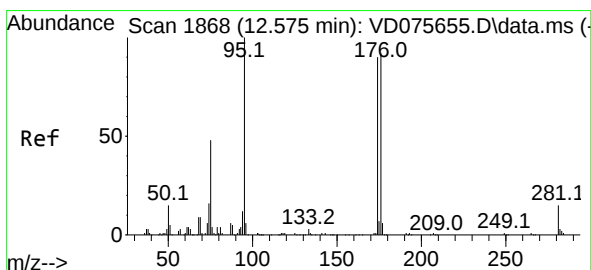
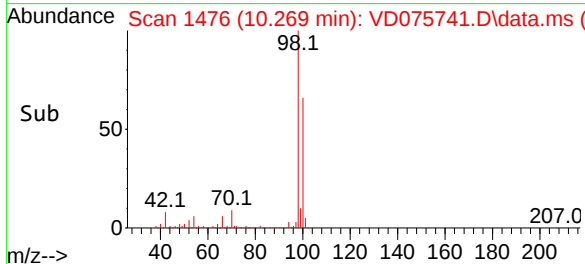
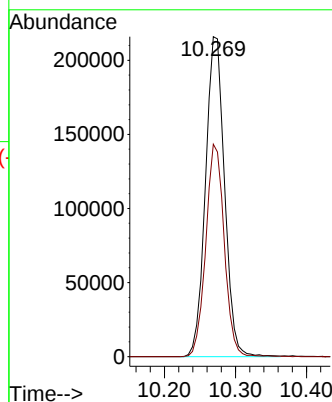
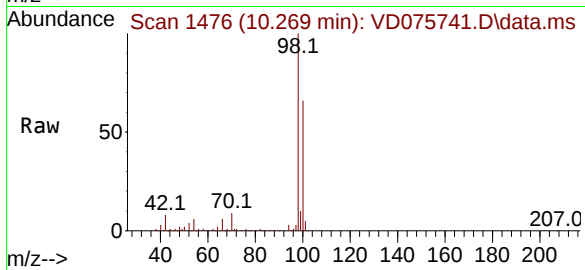




#50
Toluene-d8
Concen: 47.196 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075741.D
Acq: 19 Apr 2023 11:28

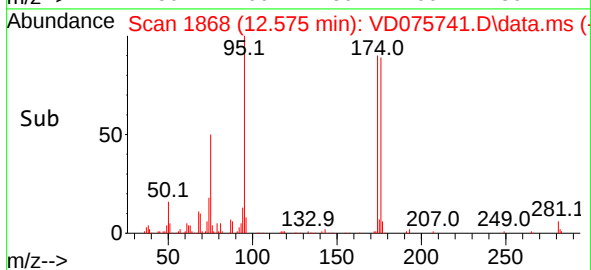
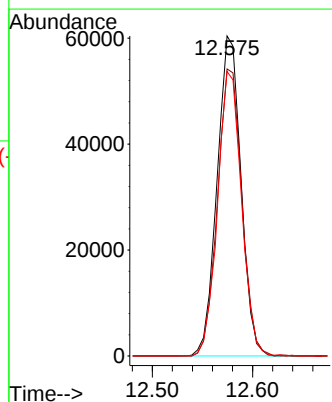
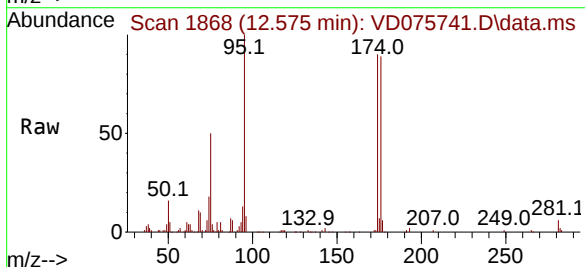
Instrument :
MSVOA_D
ClientSampleId :
VD0419SBL01

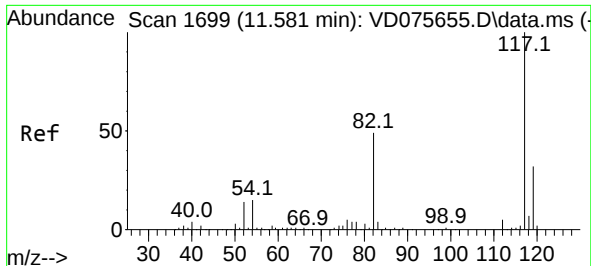
Tgt Ion: 98 Resp: 402754
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 43.927 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075741.D
Acq: 19 Apr 2023 11:28

Tgt Ion: 95 Resp: 99636
Ion Ratio Lower Upper
95 100
174 91.5 0.0 164.0
176 89.1 0.0 156.8

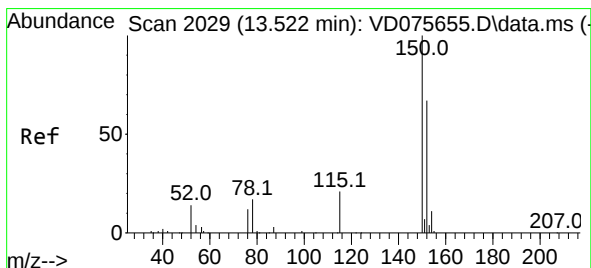
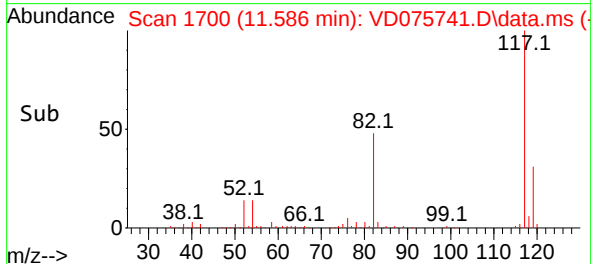
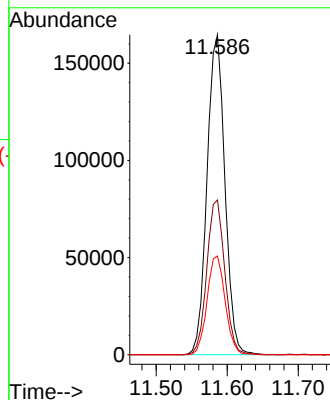
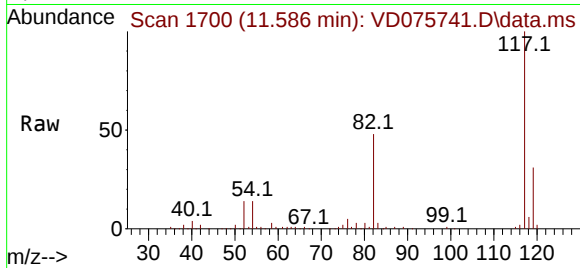




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD075741.D
Acq: 19 Apr 2023 11:28

Instrument :
MSVOA_D
ClientSampleId :
VD0419SBL01

Tgt Ion:117 Resp: 287679
Ion Ratio Lower Upper
117 100
82 48.3 44.0 66.0
119 30.9 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: VD075741.D
Acq: 19 Apr 2023 11:28

Tgt Ion:152 Resp: 120481
Ion Ratio Lower Upper
152 100
115 53.2 30.1 90.3
150 155.4 0.0 364.8

