

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030823\
 Data File : VD075467.D
 Acq On : 08 Mar 2023 13:39
 Operator : KP/SY
 Sample : VD0308SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0308SBL01

Quant Time: Mar 09 02:14:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 08 12:19:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	215377	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	387454	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	342497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	141964	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	81026	59.415	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.820%
35) Dibromofluoromethane	7.805	113	106713	47.532	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.060%
50) Toluene-d8	10.269	98	342402	42.119	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	84.240%
62) 4-Bromofluorobenzene	12.575	95	102815	41.823	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.640%

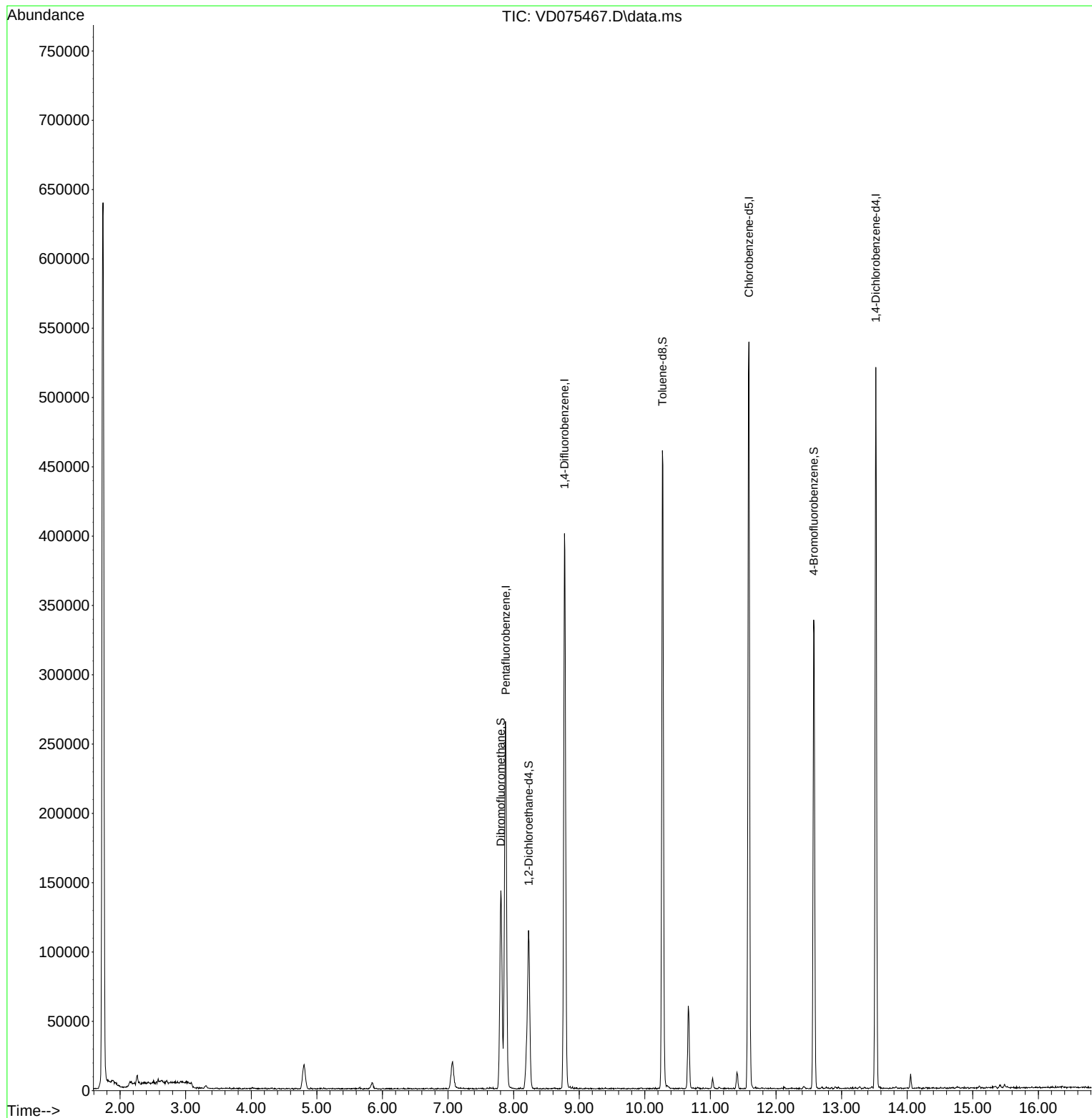
Target Compounds	Qvalue

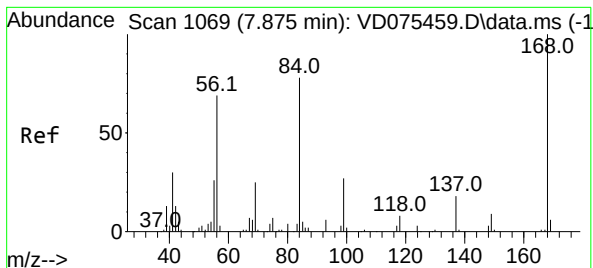
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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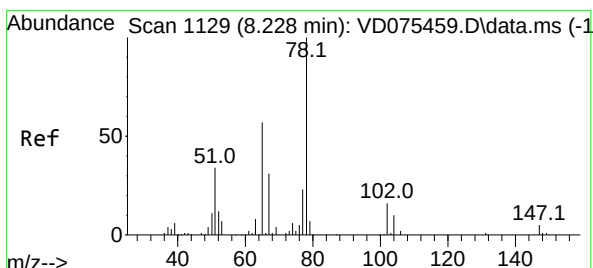
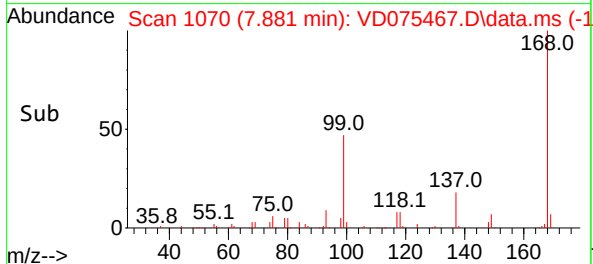
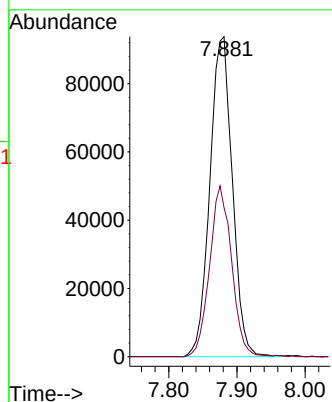
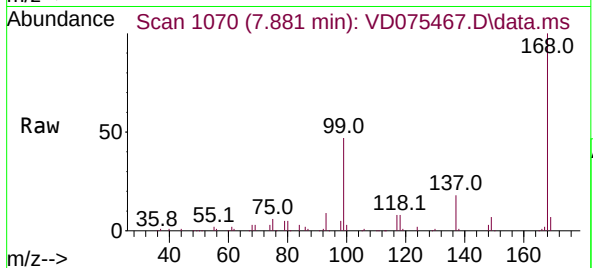




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075467.D
Acq: 08 Mar 2023 13:39

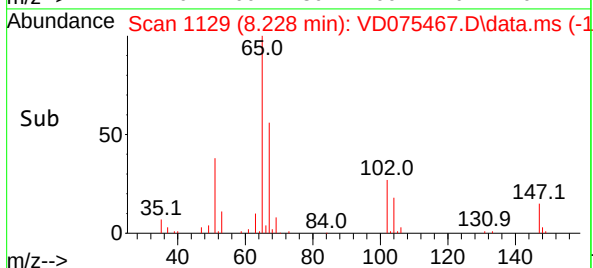
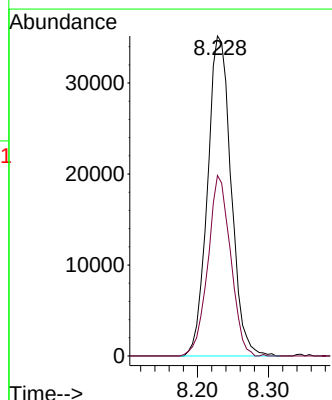
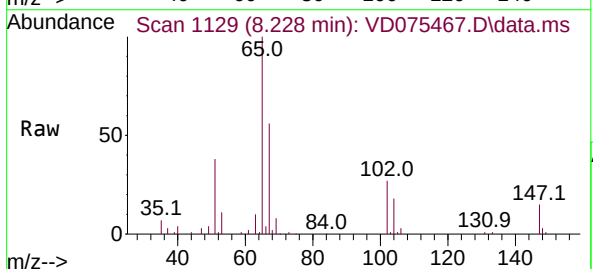
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBL01

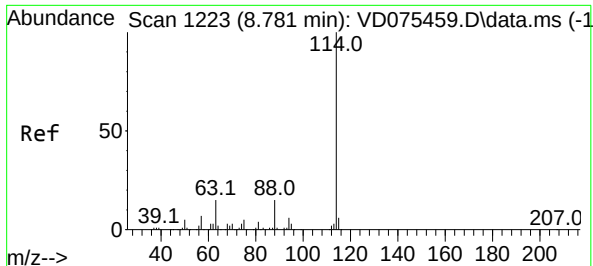
Tgt Ion:168 Resp: 215377
Ion Ratio Lower Upper
168 100
99 46.6 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 59.415 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD075467.D
Acq: 08 Mar 2023 13:39

Tgt Ion: 65 Resp: 81026
Ion Ratio Lower Upper
65 100
67 54.2 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD075467.D

Acq: 08 Mar 2023 13:39

Instrument :

MSVOA_D

ClientSampleId :

VD0308SBL01

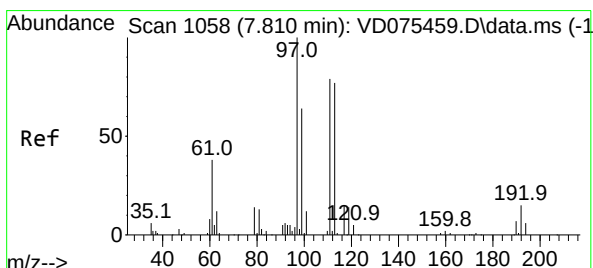
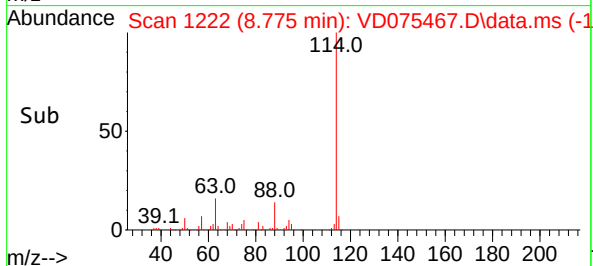
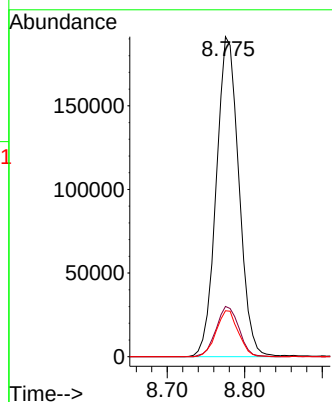
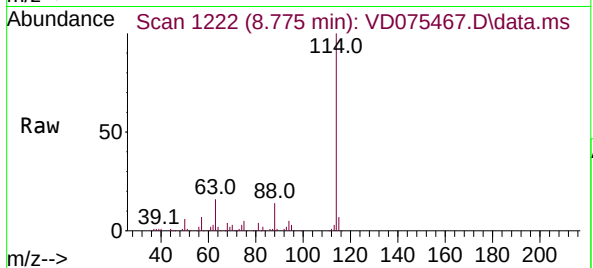
Tgt Ion:114 Resp: 387454

Ion Ratio Lower Upper

114 100

63 15.7 0.0 41.6

88 14.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.532 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.005 min

Lab File: VD075467.D

Acq: 08 Mar 2023 13:39

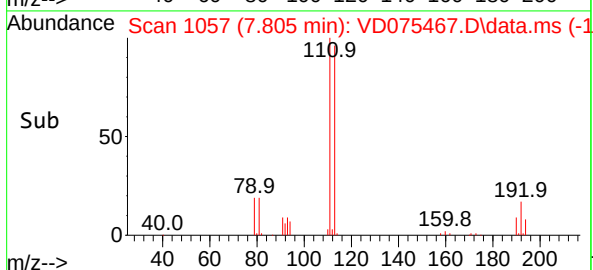
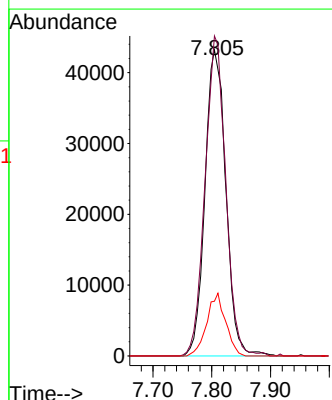
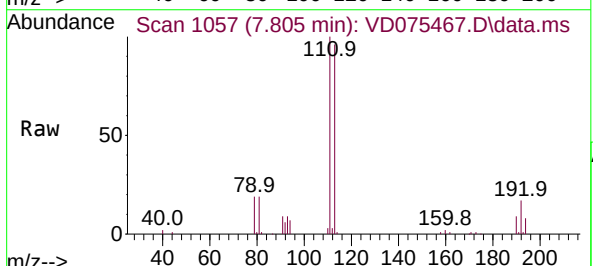
Tgt Ion:113 Resp: 106713

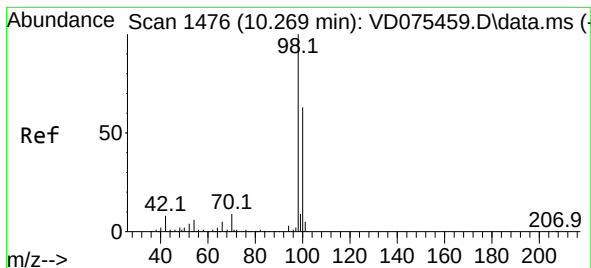
Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

192 18.5 15.2 22.8

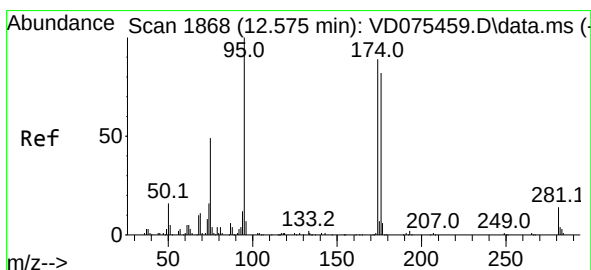
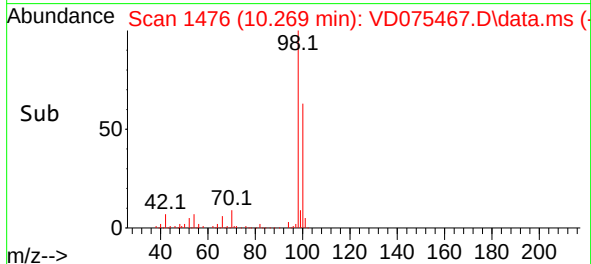
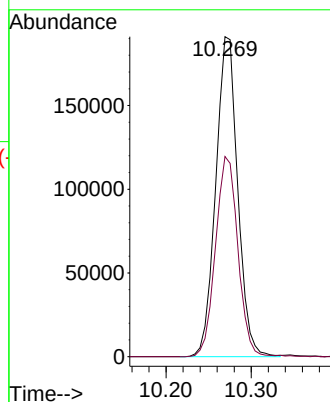
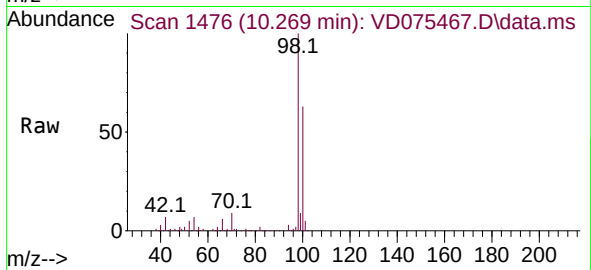




#50
Toluene-d8
Concen: 42.119 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075467.D
Acq: 08 Mar 2023 13:39

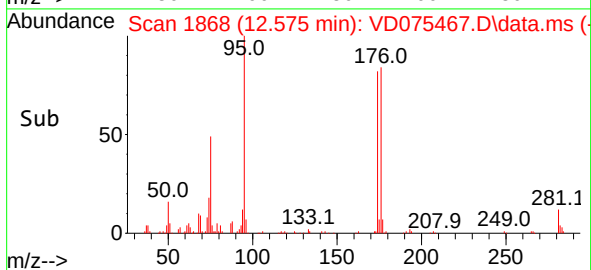
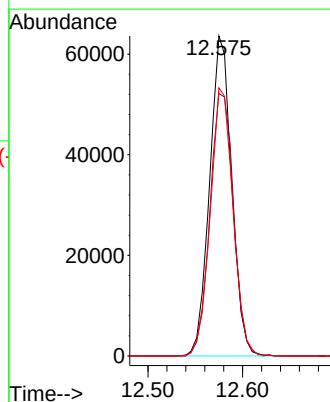
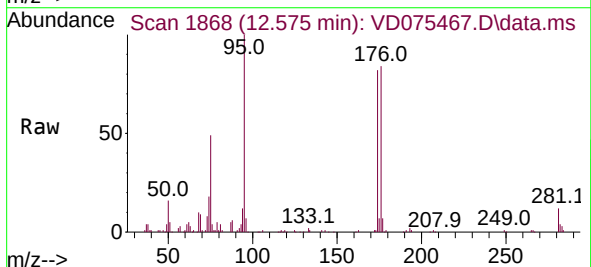
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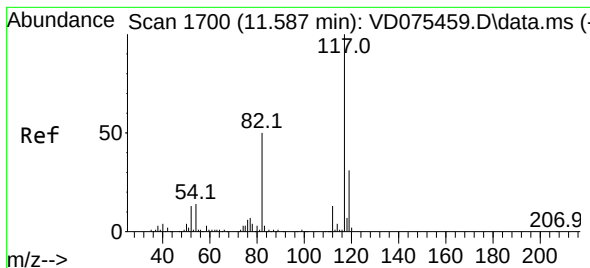
Tgt Ion: 98 Resp: 342402
Ion Ratio Lower Upper
98 100
100 63.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 41.823 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075467.D
Acq: 08 Mar 2023 13:39

Tgt Ion: 95 Resp: 102815
Ion Ratio Lower Upper
95 100
174 88.2 0.0 164.0
176 86.0 0.0 156.8

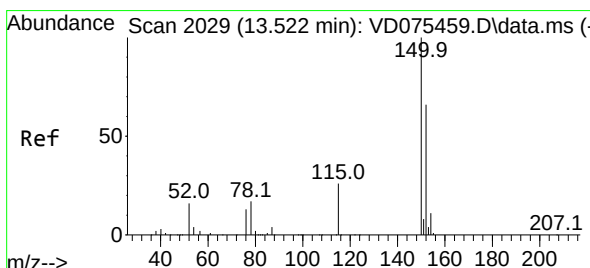
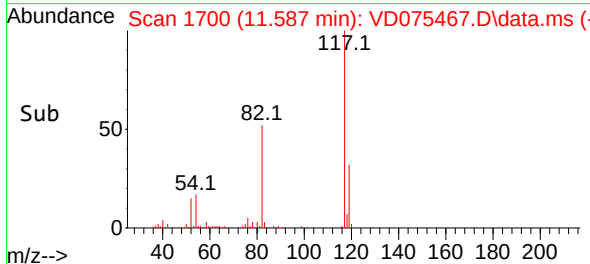
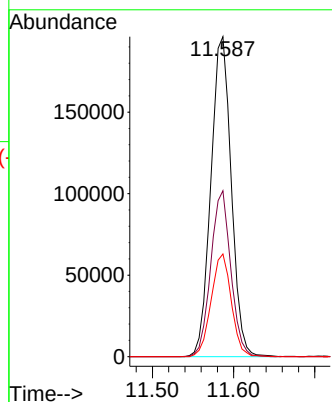
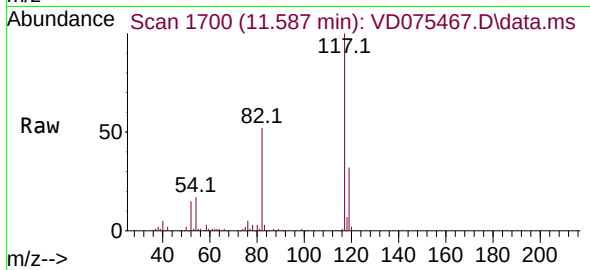




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075467.D
Acq: 08 Mar 2023 13:39

Instrument :
MSVOA_D
ClientSampleId :
VD0308SBL01

Tgt Ion:117 Resp: 342497
Ion Ratio Lower Upper
117 100
82 51.8 44.0 66.0
119 32.1 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: VD075467.D
Acq: 08 Mar 2023 13:39

Tgt Ion:152 Resp: 141964
Ion Ratio Lower Upper
152 100
115 56.5 30.1 90.3
150 159.5 0.0 364.8

