

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013123\
 Data File : VD075248.D
 Acq On : 31 Jan 2023 11:16
 Operator : KP/SY
 Sample : VD0131SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0131SBL01

Quant Time: Feb 01 00:40:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	79318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	138424	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	137364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	62232	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	40925	50.563	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.120%
35) Dibromofluoromethane	7.805	113	42076	50.303	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.600%
50) Toluene-d8	10.269	98	173534	52.691	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.380%
62) 4-Bromofluorobenzene	12.575	95	56687	54.234	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.460%

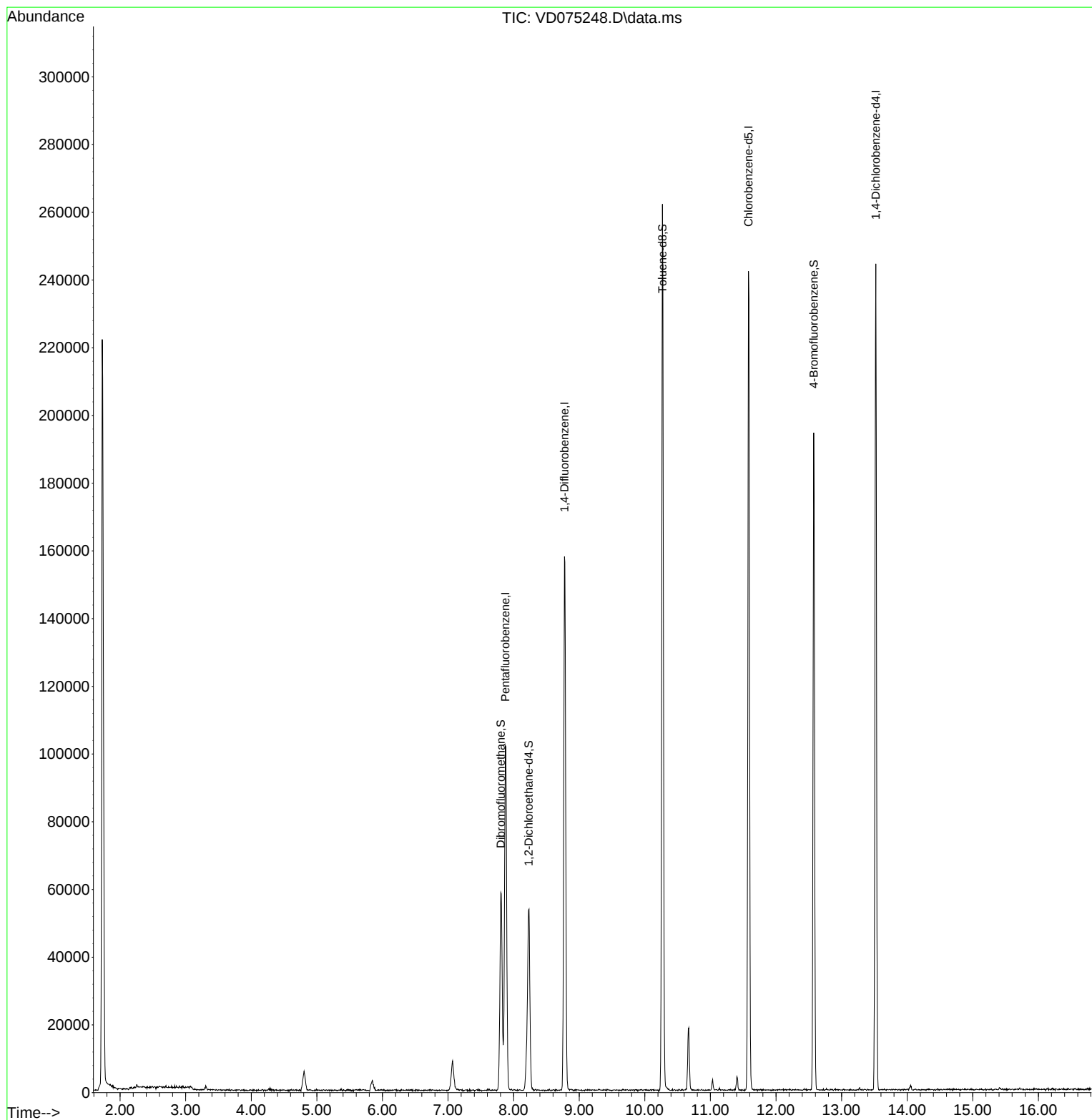
Target Compounds	Qvalue

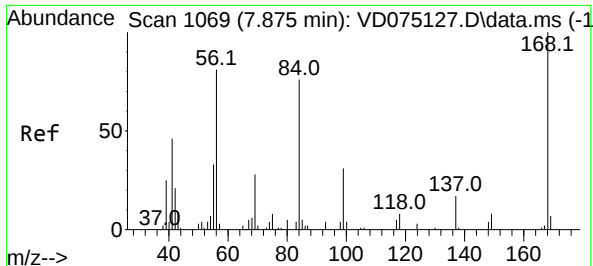
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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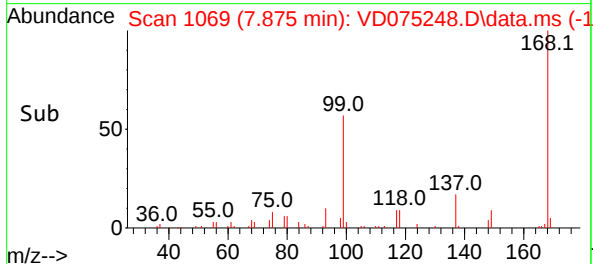
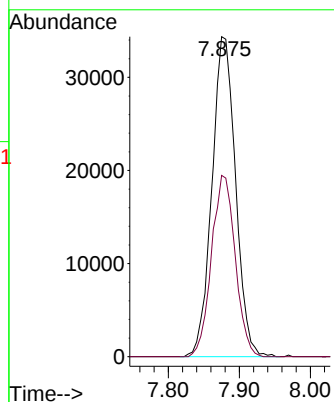
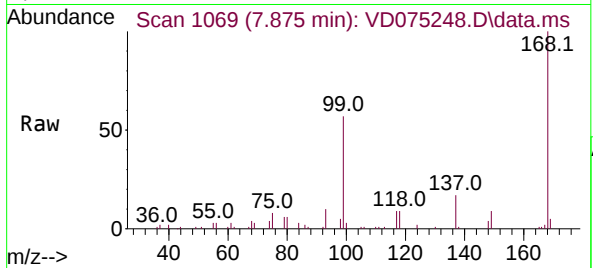




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075248.D
Acq: 31 Jan 2023 11:16

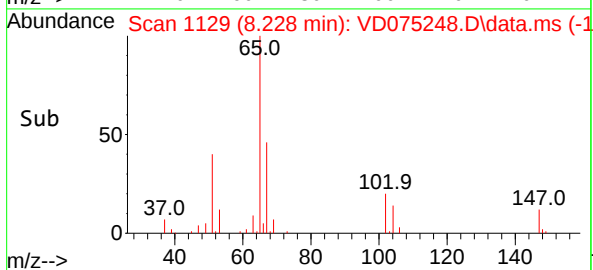
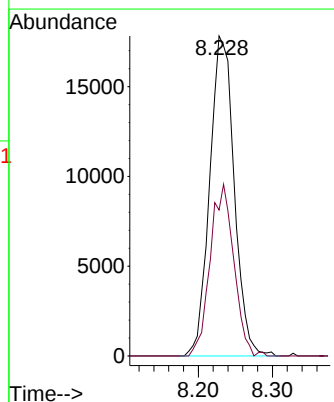
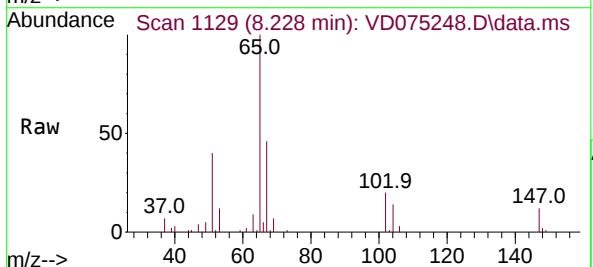
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBL01

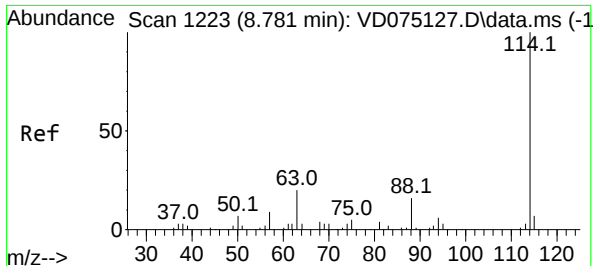
Tgt Ion:168 Resp: 79318
Ion Ratio Lower Upper
168 100
99 56.7 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 50.563 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD075248.D
Acq: 31 Jan 2023 11:16

Tgt Ion: 65 Resp: 40925
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD075248.D

Acq: 31 Jan 2023 11:16

Instrument :

MSVOA_D

ClientSampleId :

VD0131SBL01

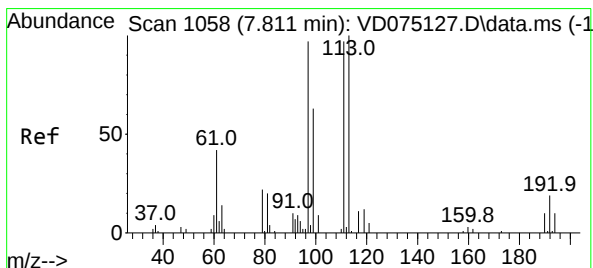
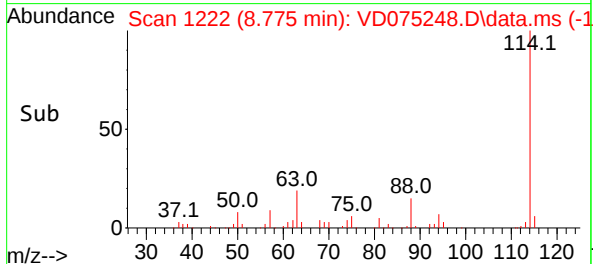
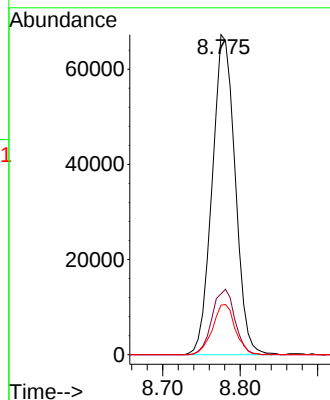
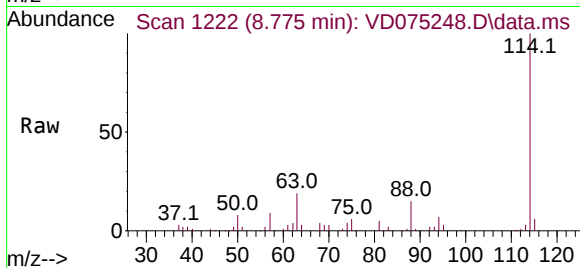
Tgt Ion:114 Resp: 138424

Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.2

88 15.5 0.0 32.2



#35

Dibromofluoromethane

Concen: 50.303 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD075248.D

Acq: 31 Jan 2023 11:16

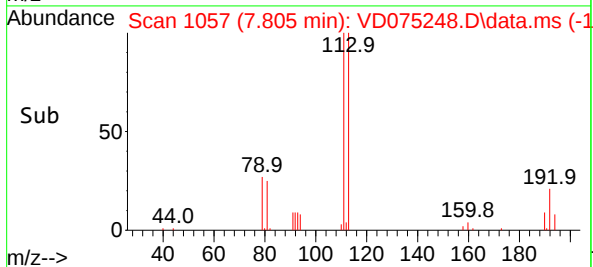
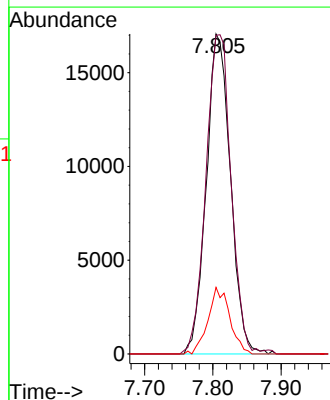
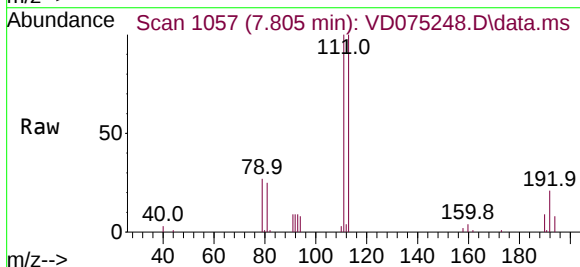
Tgt Ion:113 Resp: 42076

Ion Ratio Lower Upper

113 100

111 104.3 80.1 120.1

192 18.7 15.4 23.0

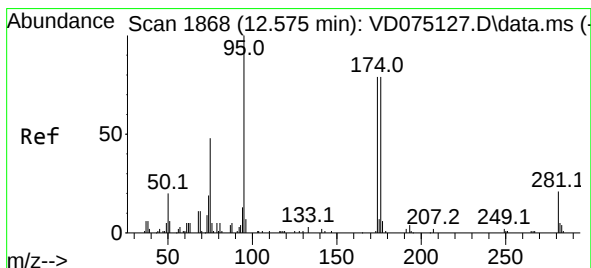
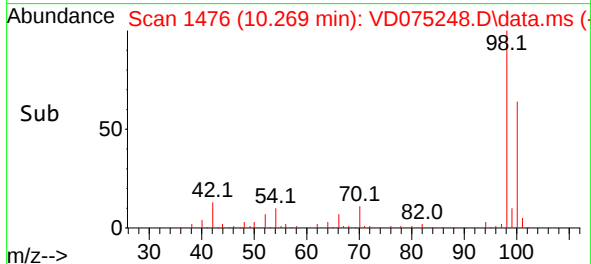
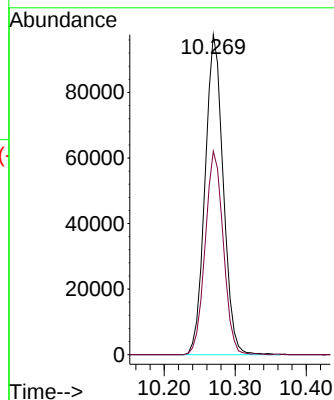
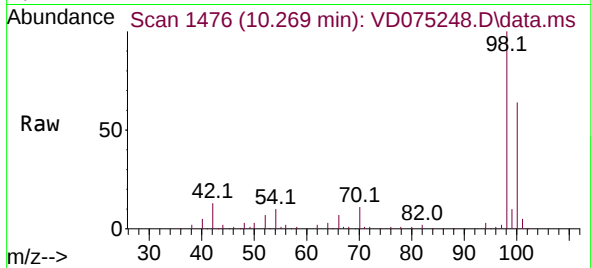




#50
Toluene-d8
Concen: 52.691 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075248.D
Acq: 31 Jan 2023 11:16

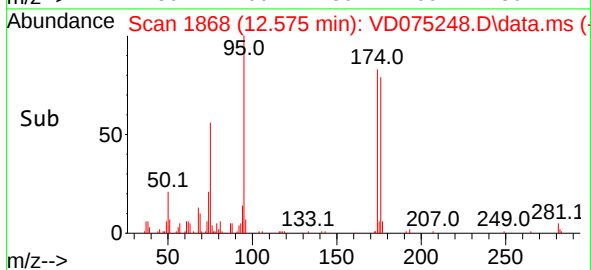
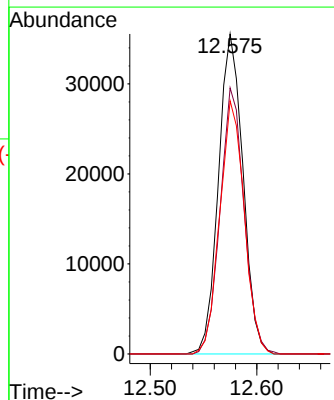
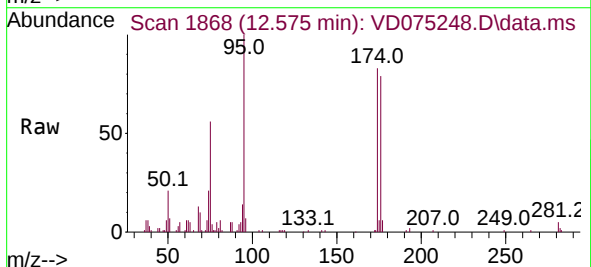
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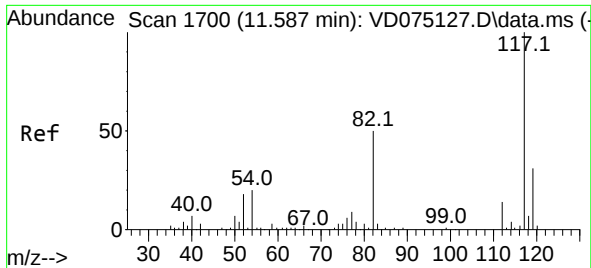
Tgt Ion: 98 Resp: 173534
Ion Ratio Lower Upper
98 100
100 63.4 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 54.234 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075248.D
Acq: 31 Jan 2023 11:16

Tgt Ion: 95 Resp: 56687
Ion Ratio Lower Upper
95 100
174 81.2 0.0 161.2
176 79.0 0.0 160.2

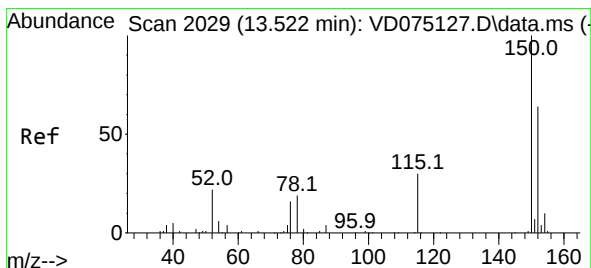
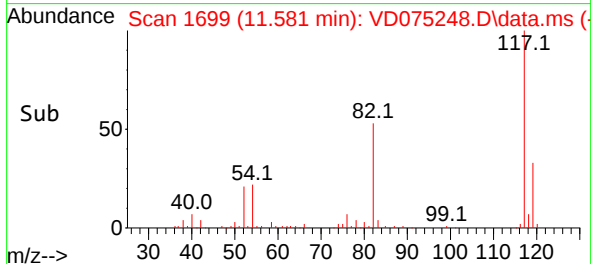
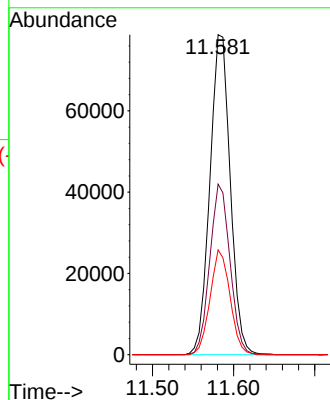
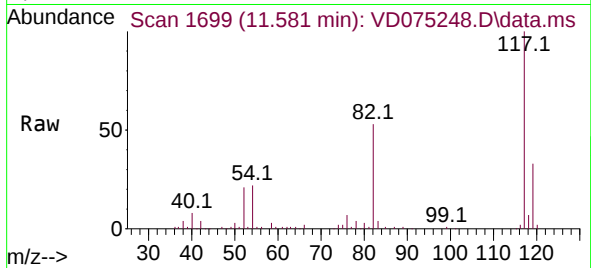




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075248.D
Acq: 31 Jan 2023 11:16

Instrument :
MSVOA_D
ClientSampleId :
VD0131SBL01

Tgt Ion:117 Resp: 137364
Ion Ratio Lower Upper
117 100
82 53.3 39.6 59.4
119 32.8 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075248.D
Acq: 31 Jan 2023 11:16

Tgt Ion:152 Resp: 62232
Ion Ratio Lower Upper
152 100
115 57.9 28.8 86.4
150 156.6 0.0 348.6

