

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053123\
 Data File : VD076283.D
 Acq On : 31 May 2023 13:40
 Operator : KP/SY
 Sample : VY0531SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VY0531SBL01

Quant Time: May 31 16:07:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	143607	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	259988	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	240570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	105206	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	83901	60.451	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.900%
35) Dibromofluoromethane	7.804	113	99107	55.149	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.300%
50) Toluene-d8	10.269	98	326905	46.664	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.320%
62) 4-Bromofluorobenzene	12.575	95	82324	42.304	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.600%

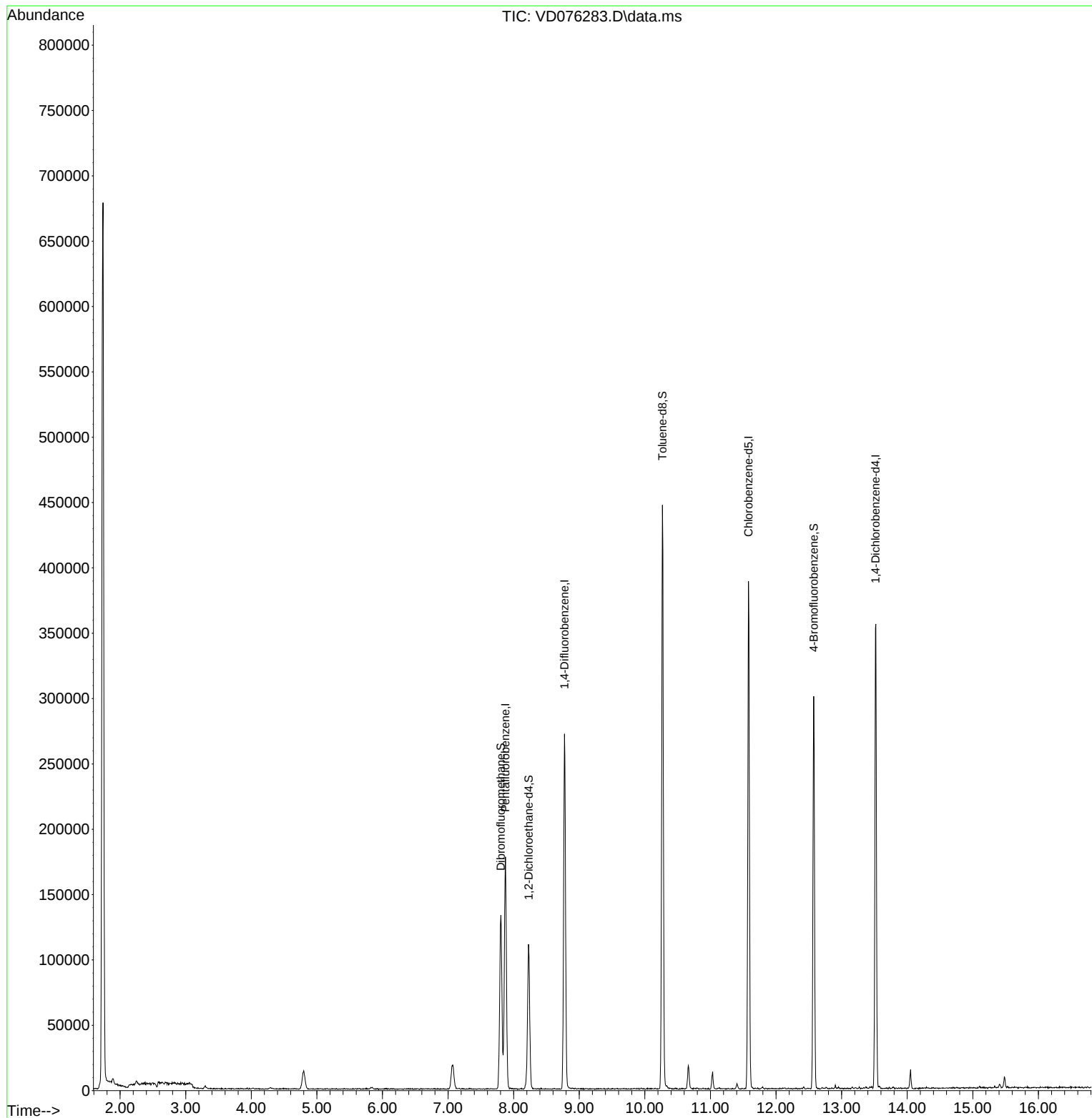
Target Compounds	Qvalue

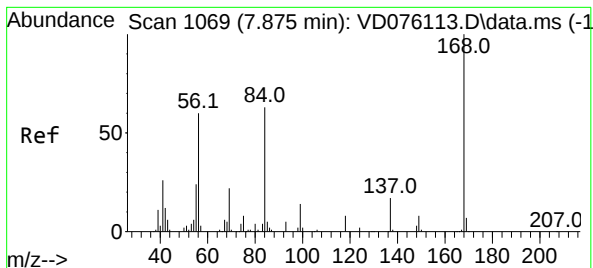
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD076283.D

Acq: 31 May 2023 13:40

Instrument :

MSVOA_D

ClientSampleId :

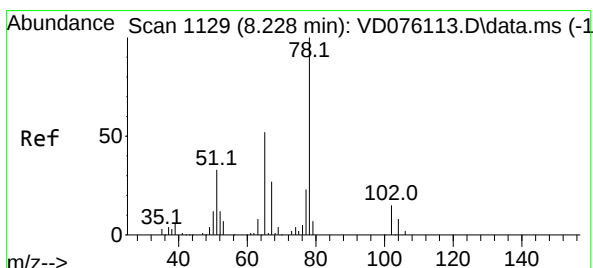
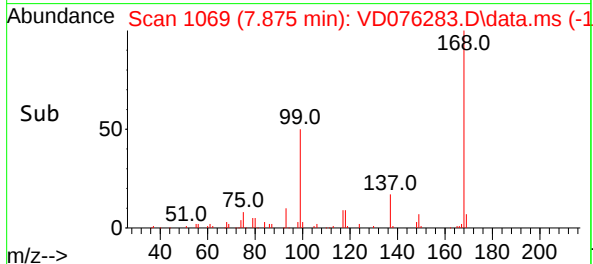
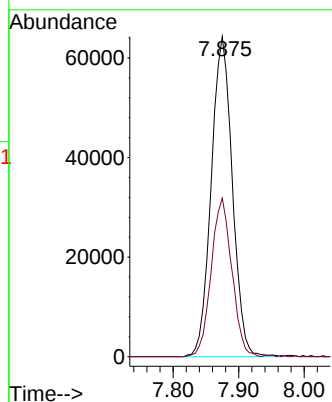
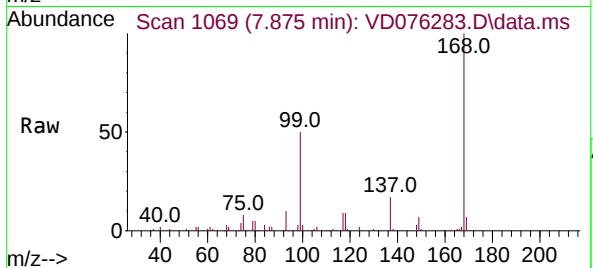
VY0531SBL01

Tgt Ion:168 Resp: 143607

Ion Ratio Lower Upper

168 100

99 49.5 43.8 65.6



#33

1,2-Dichloroethane-d4

Concen: 60.451 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076283.D

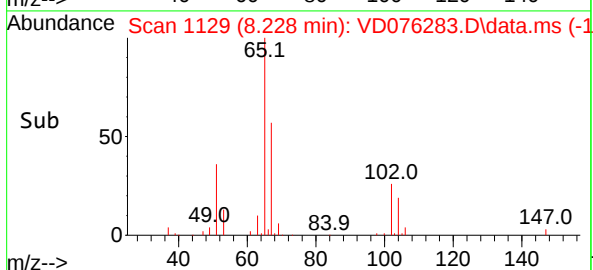
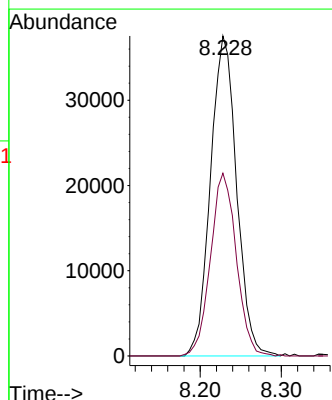
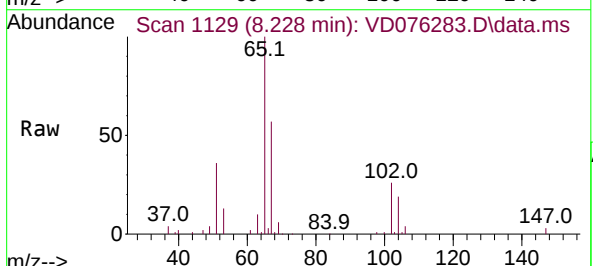
Acq: 31 May 2023 13:40

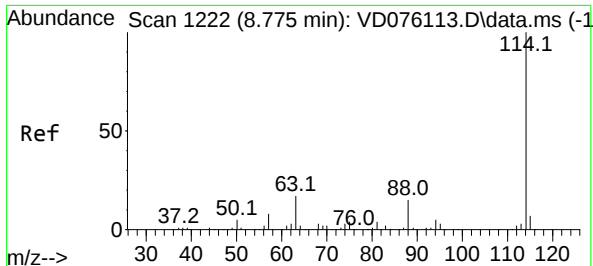
Tgt Ion: 65 Resp: 83901

Ion Ratio Lower Upper

65 100

67 56.5 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076283.D

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Instrument :

MSVOA_D

ClientSampleId :

VY0531SBL01

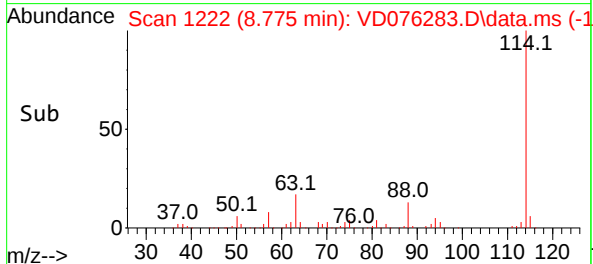
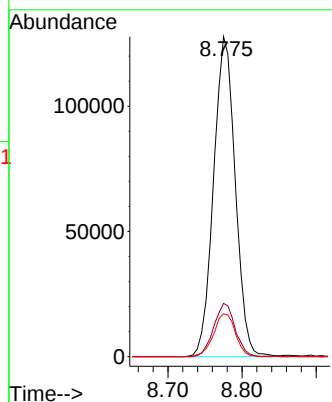
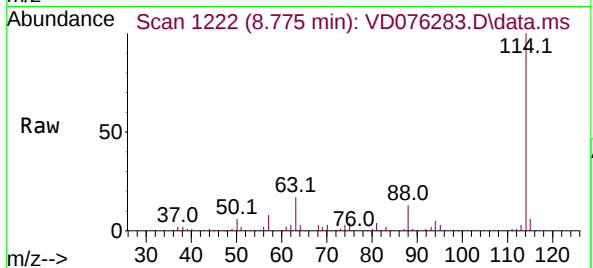
Tgt Ion:114 Resp: 259988

Ion Ratio Lower Upper

114 100

63 16.6 0.0 41.6

88 13.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.149 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076283.D

Acq: 31 May 2023 13:40

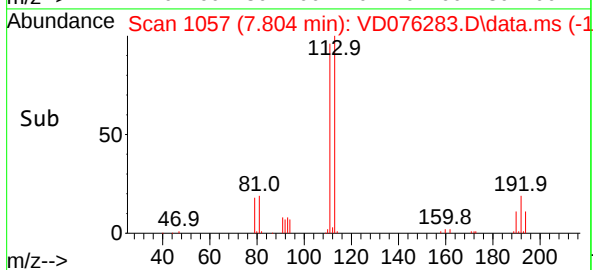
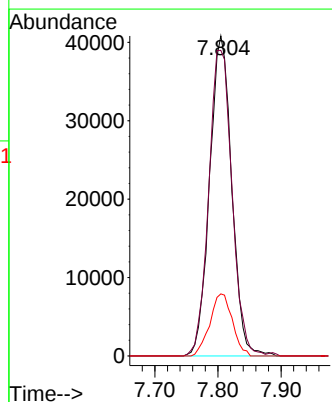
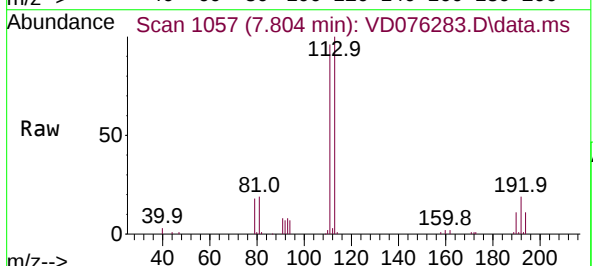
Tgt Ion:113 Resp: 99107

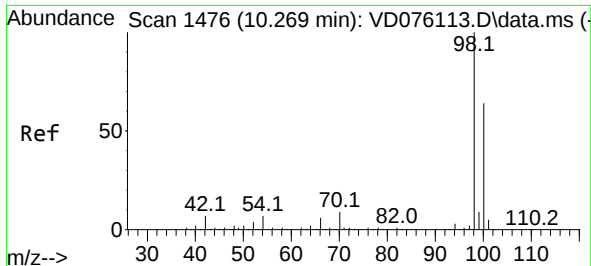
Ion Ratio Lower Upper

113 100

111 100.7 81.4 122.0

192 19.8 15.2 22.8

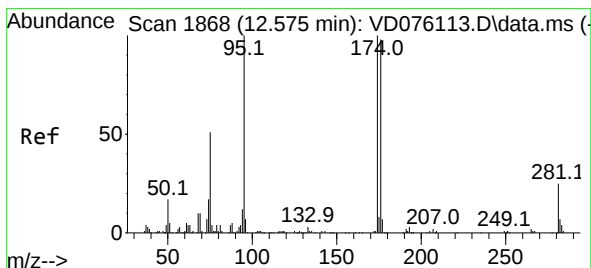
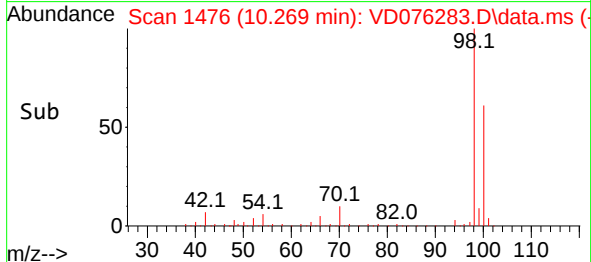
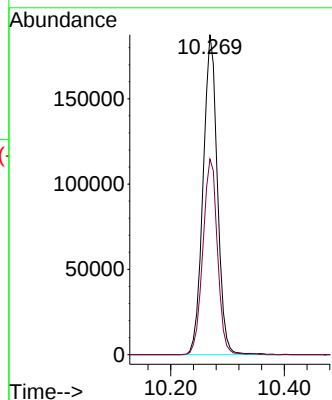
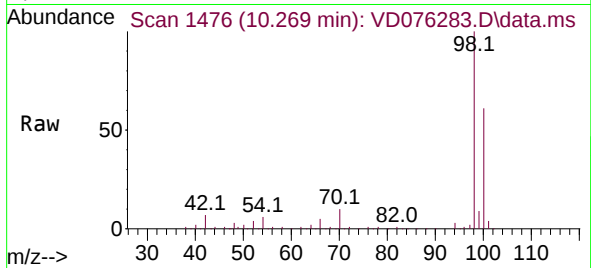




#50
Toluene-d8
Concen: 46.664 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076283.D
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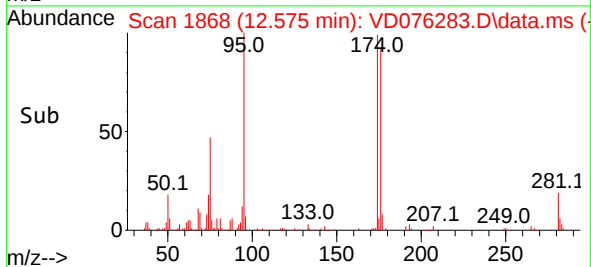
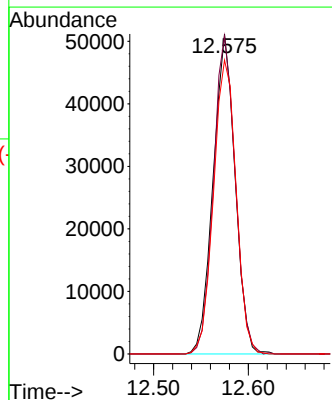
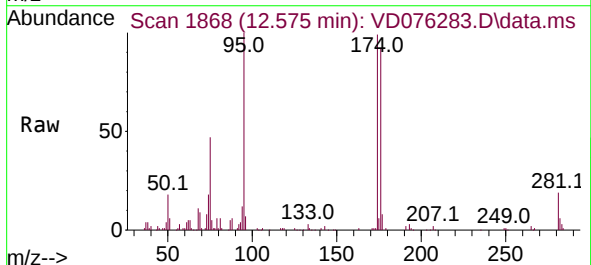
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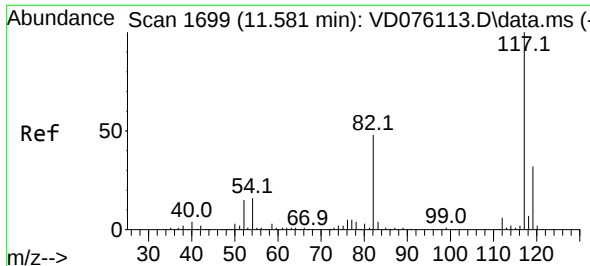
Tgt Ion: 98 Resp: 326905
Ion Ratio Lower Upper
98 100
100 62.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 42.304 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076283.D
Acq: 31 May 2023 13:40

Tgt Ion: 95 Resp: 82324
Ion Ratio Lower Upper
95 100
174 98.4 0.0 164.0
176 94.5 0.0 156.8

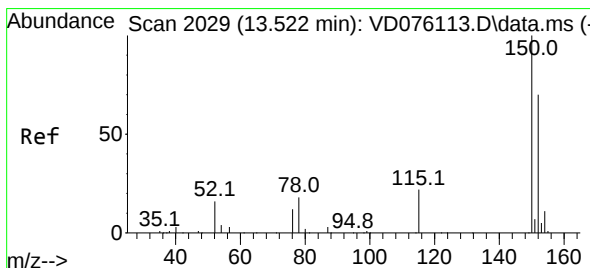
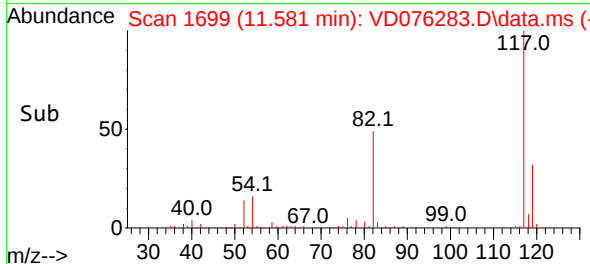
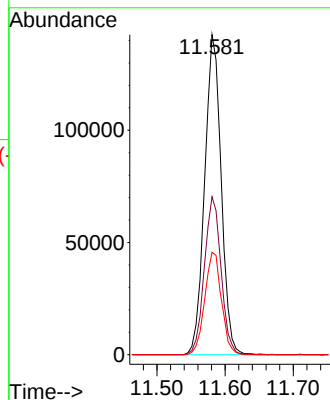
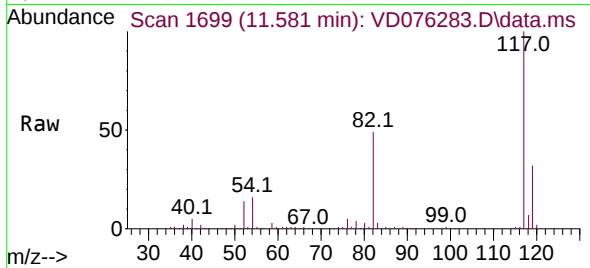




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076283.D
Acq: 31 May 2023 13:40

Instrument :
MSVOA_D
ClientSampleId :
VY0531SBL01

Tgt Ion:117 Resp: 240570
Ion Ratio Lower Upper
117 100
82 49.3 44.0 66.0
119 32.0 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076283.D
Acq: 31 May 2023 13:40

Tgt Ion:152 Resp: 105206
Ion Ratio Lower Upper
152 100
115 52.4 30.1 90.3
150 155.4 0.0 364.8

