

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062323\
 Data File : VD076562.D
 Acq On : 23 Jun 2023 17:03
 Operator : KP/SY
 Sample : 03368-01
 Misc : 6.19G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CF-28

Quant Time: Jun 24 00:56:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	121515	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	215468	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	184632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	68176	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	77097	63.325	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.660%
35) Dibromofluoromethane	7.799	113	69247	54.098	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.200%
50) Toluene-d8	10.269	98	233253	48.049	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.100%
62) 4-Bromofluorobenzene	12.575	95	64208	40.755	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.500%

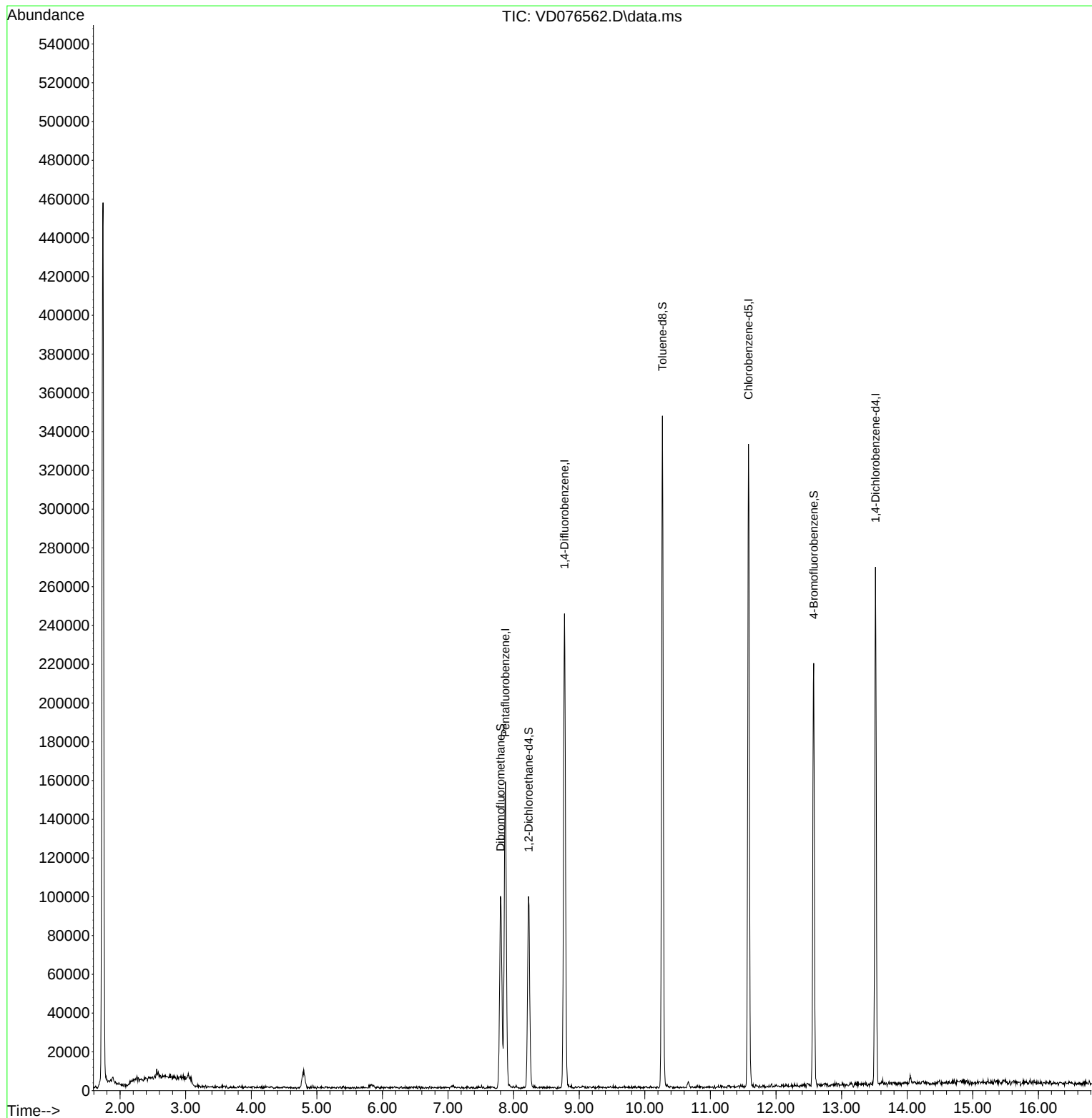
Target Compounds	Qvalue

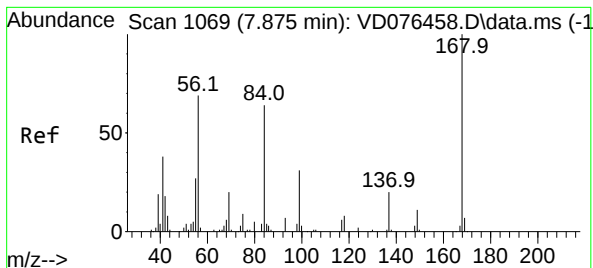
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD076562.D

Acq: 23 Jun 2023 17:03

Instrument :

MSVOA_D

ClientSampleId :

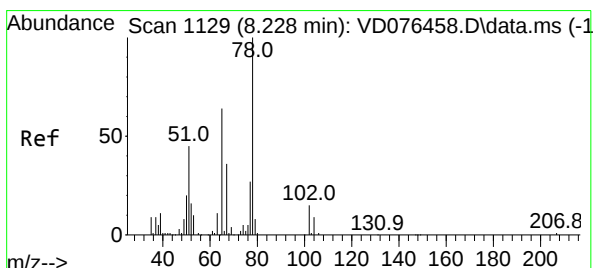
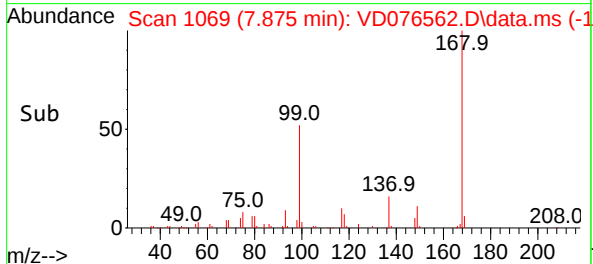
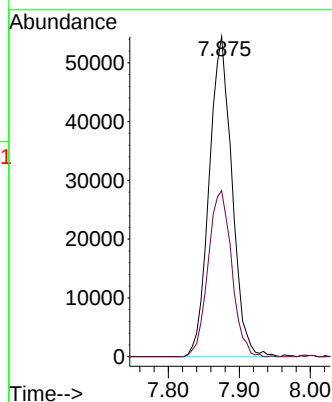
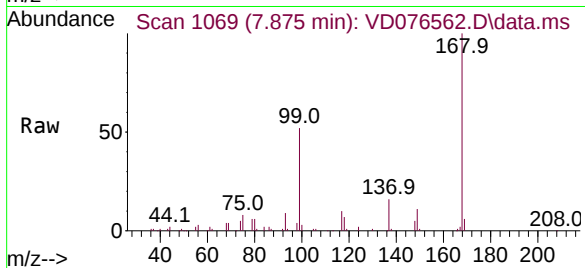
CF-28

Tgt Ion:168 Resp: 121515

Ion Ratio Lower Upper

168 100

99 51.9 36.7 55.1



#33

1,2-Dichloroethane-d4

Concen: 63.325 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076562.D

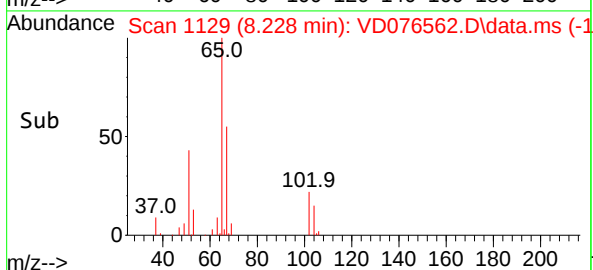
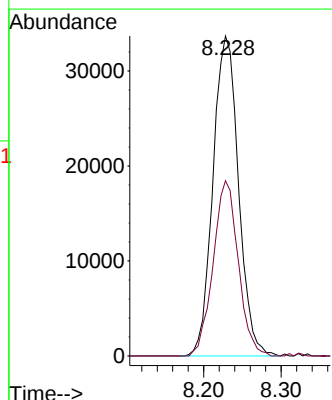
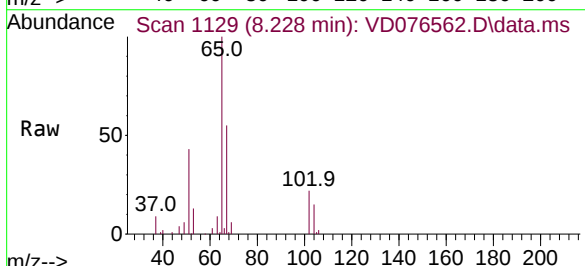
Acq: 23 Jun 2023 17:03

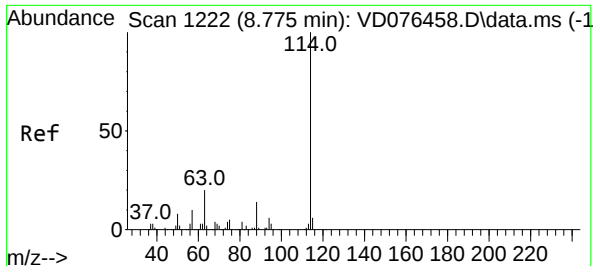
Tgt Ion: 65 Resp: 77097

Ion Ratio Lower Upper

65 100

67 53.9 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD076562.D

Acq: 23 Jun 2023 17:03

Instrument :

MSVOA_D

ClientSampleId :

CF-28

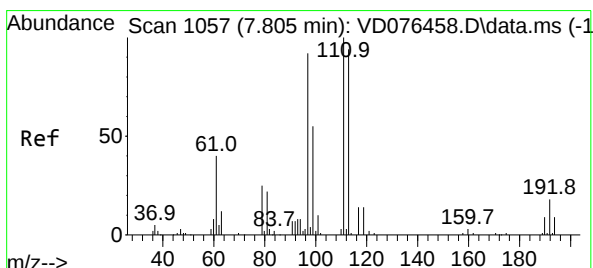
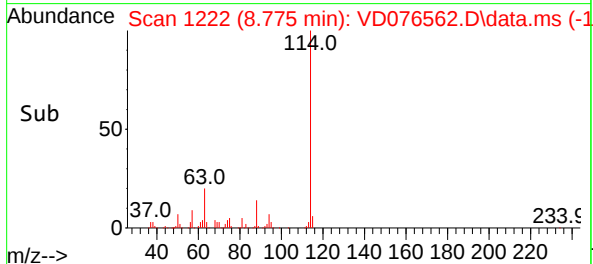
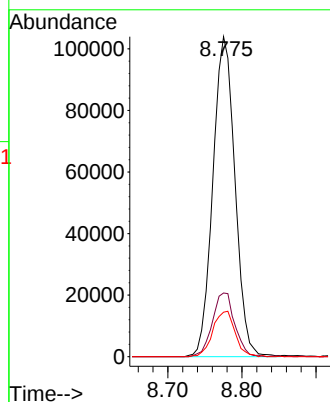
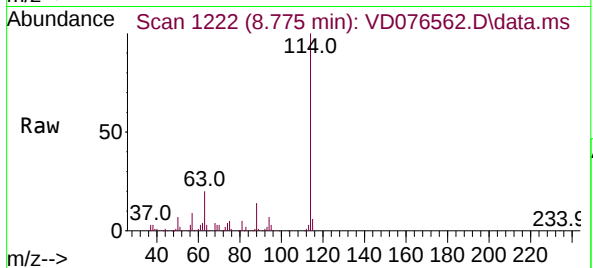
Tgt Ion:114 Resp: 215468

Ion Ratio Lower Upper

114 100

63 19.9 0.0 33.4

88 13.9 0.0 26.2



#35

Dibromofluoromethane

Concen: 54.098 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076562.D

Acq: 23 Jun 2023 17:03

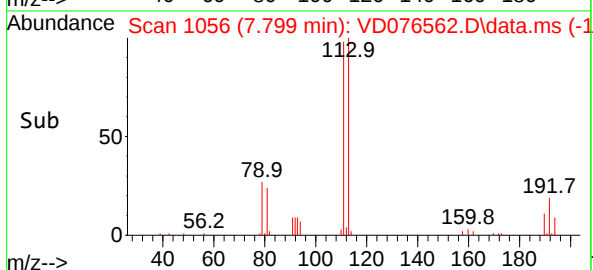
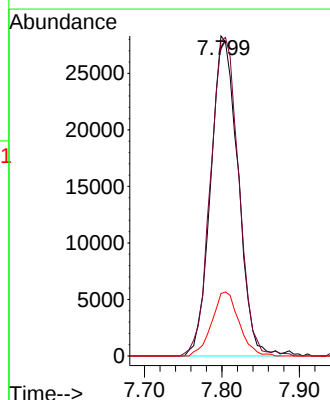
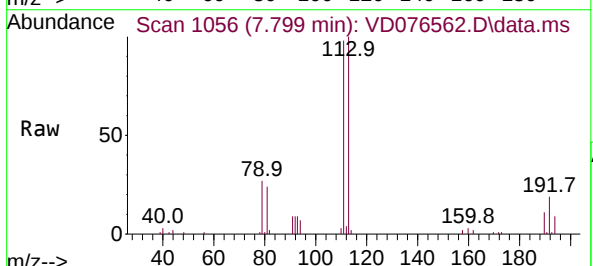
Tgt Ion:113 Resp: 69247

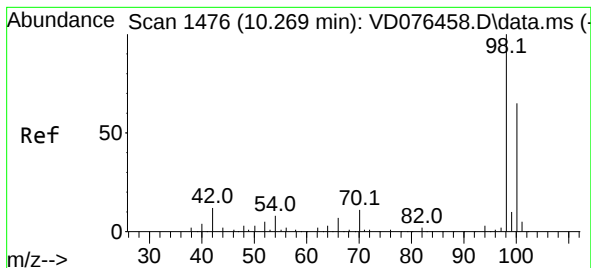
Ion Ratio Lower Upper

113 100

111 102.9 84.7 127.1

192 19.9 16.8 25.2

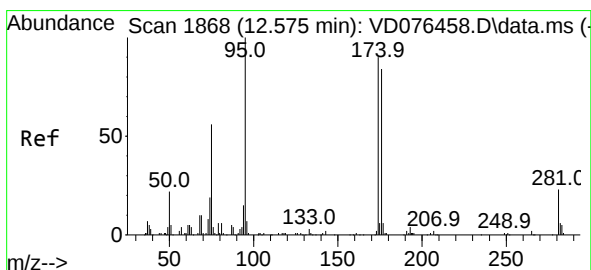
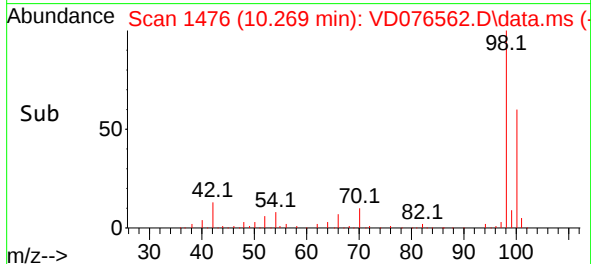
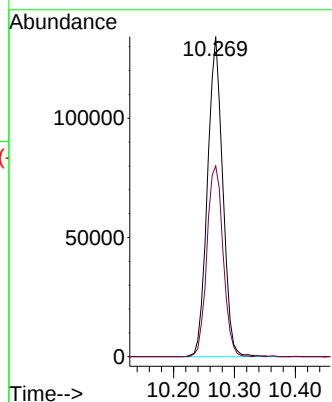
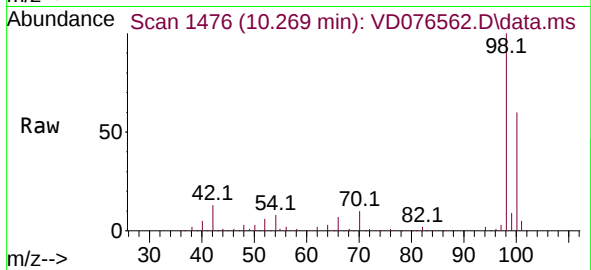




#50
Toluene-d8
Concen: 48.049 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076562.D
Acq: 23 Jun 2023 17:03

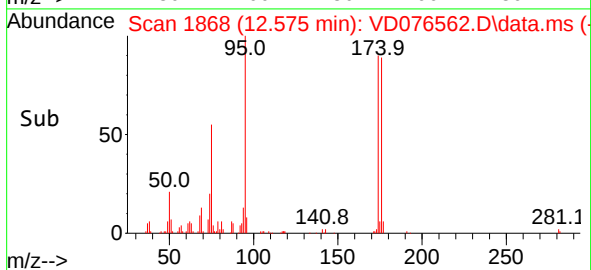
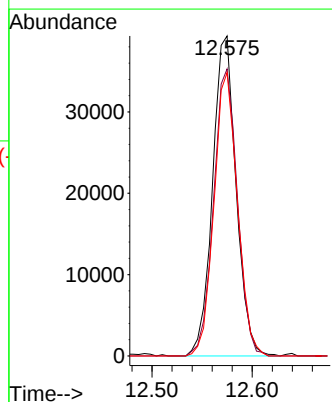
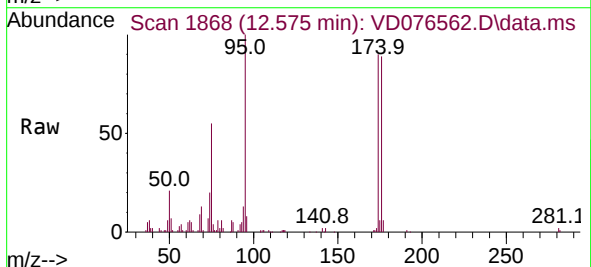
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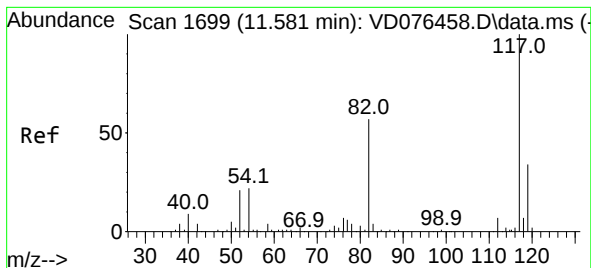
Tgt Ion: 98 Resp: 233253
Ion Ratio Lower Upper
98 100
100 63.2 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 40.755 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076562.D
Acq: 23 Jun 2023 17:03

Tgt Ion: 95 Resp: 64208
Ion Ratio Lower Upper
95 100
174 90.4 0.0 201.8
176 88.0 0.0 191.8

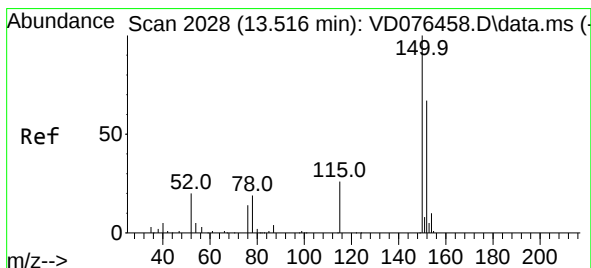
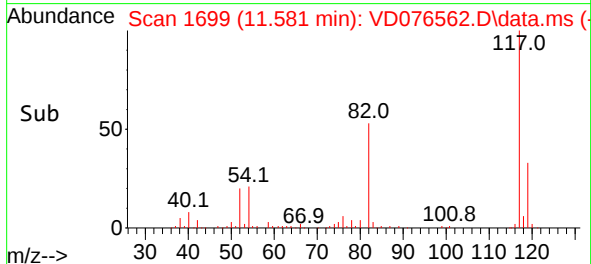
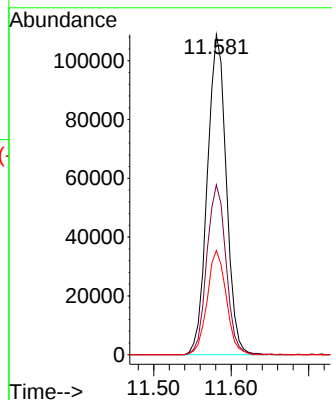
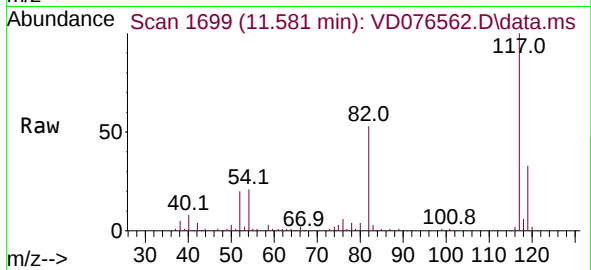




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076562.D
Acq: 23 Jun 2023 17:03

Instrument :
MSVOA_D
ClientSampleId :
CF-28

Tgt Ion:117 Resp: 184632
Ion Ratio Lower Upper
117 100
82 53.1 38.3 57.5
119 32.6 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD076562.D
Acq: 23 Jun 2023 17:03

Tgt Ion:152 Resp: 68176
Ion Ratio Lower Upper
152 100
115 57.0 27.1 81.3
150 153.6 0.0 353.6

