

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062323\
 Data File : VD076563.D
 Acq On : 23 Jun 2023 17:33
 Operator : KP/SY
 Sample : 03368-02
 Misc : 6.20G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CF-29

Quant Time: Jun 24 00:56:57 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	105652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	188755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	158144	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	58606	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	67779	64.030	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.060%
35) Dibromofluoromethane	7.810	113	63881	56.969	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.940%
50) Toluene-d8	10.269	98	218109	51.288	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.580%
62) 4-Bromofluorobenzene	12.575	95	61057	44.239	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.480%

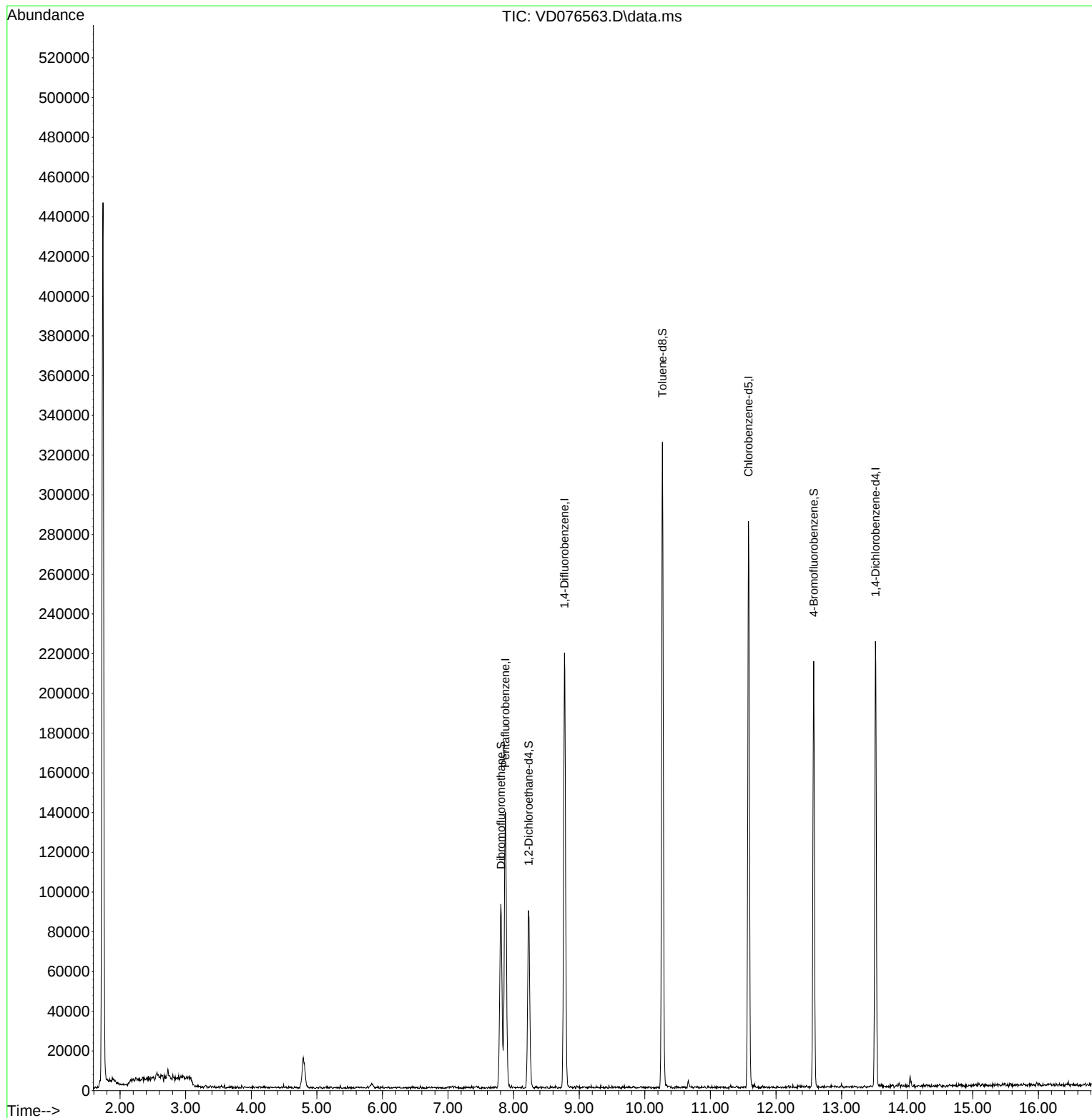
Target Compounds	Qvalue

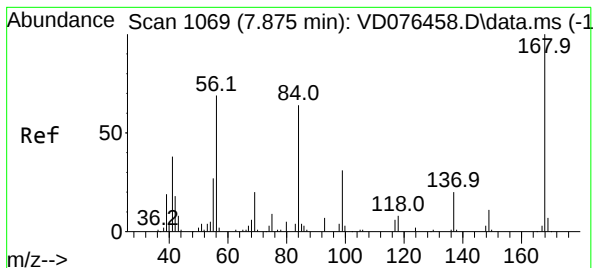
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD076563.D

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Instrument :

MSVOA_D

ClientSampleId :

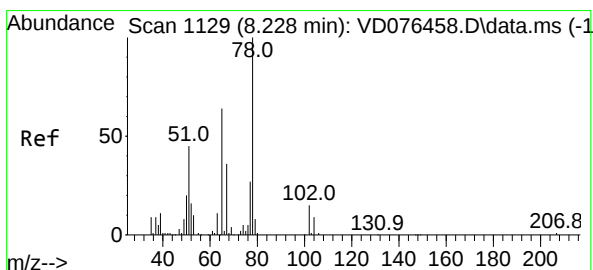
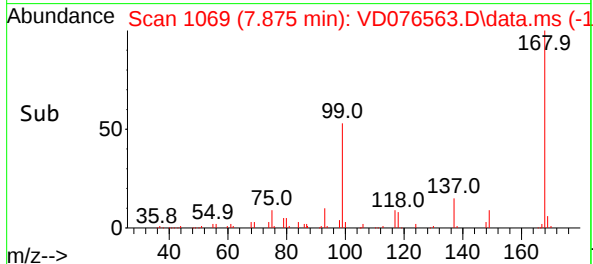
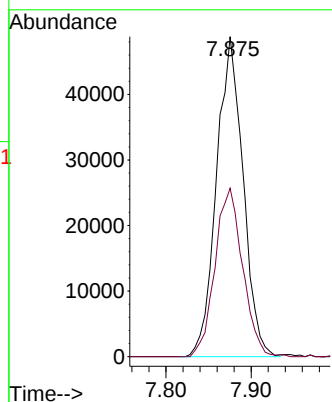
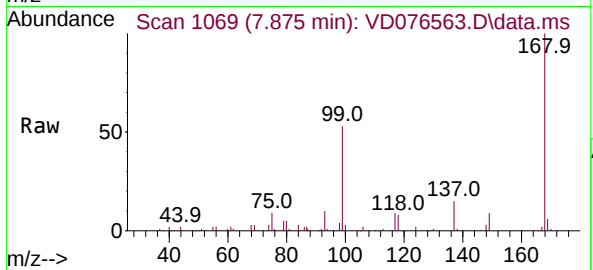
CF-29

Tgt Ion:168 Resp: 105652

Ion Ratio Lower Upper

168 100

99 52.7 36.7 55.1



#33

1,2-Dichloroethane-d4

Concen: 64.030 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076563.D

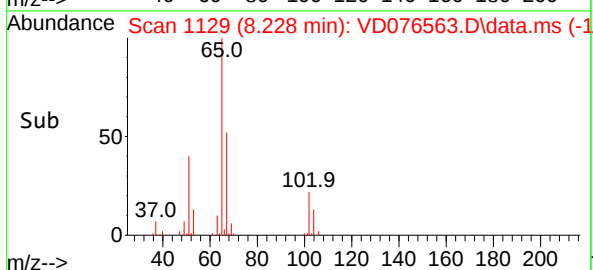
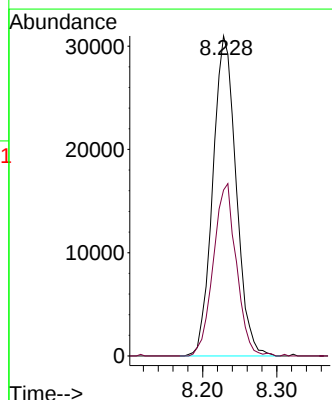
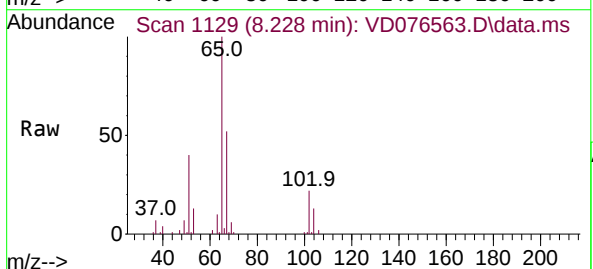
Acq: 23 Jun 2023 17:33

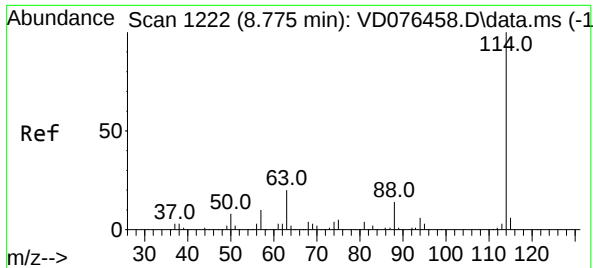
Tgt Ion: 65 Resp: 67779

Ion Ratio Lower Upper

65 100

67 53.3 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: VD076563.D

Acq: 23 Jun 2023 17:33

Instrument :

MSVOA_D

ClientSampleId :

CF-29

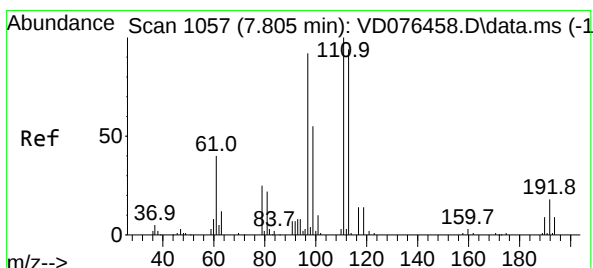
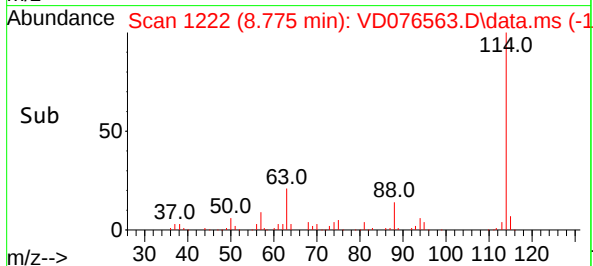
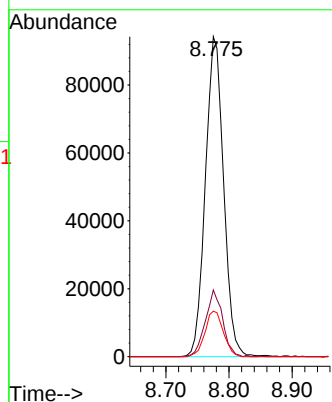
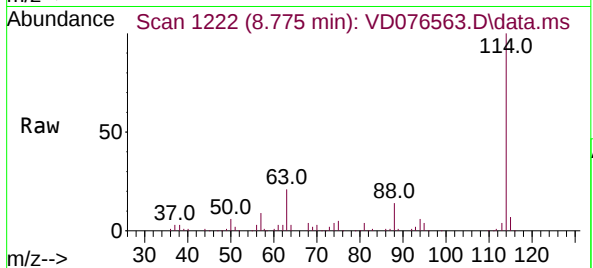
Tgt Ion:114 Resp: 188755

Ion Ratio Lower Upper

114 100

63 20.9 0.0 33.4

88 14.2 0.0 26.2



#35

Dibromofluoromethane

Concen: 56.969 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD076563.D

Acq: 23 Jun 2023 17:33

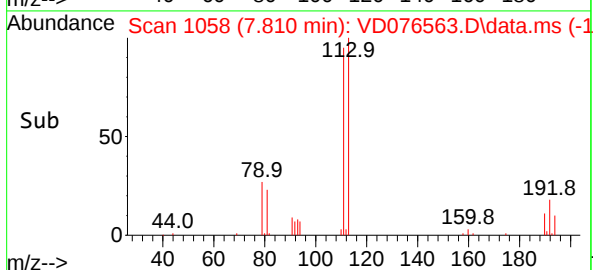
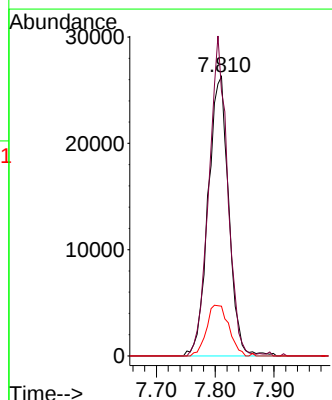
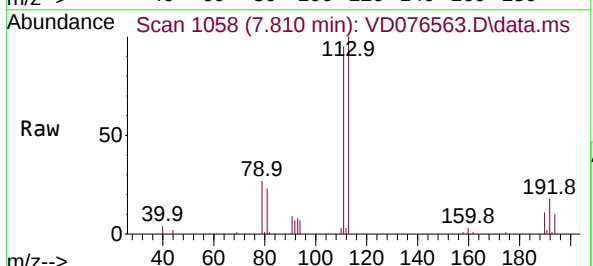
Tgt Ion:113 Resp: 63881

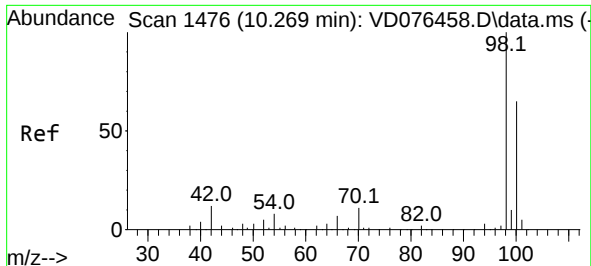
Ion Ratio Lower Upper

113 100

111 104.0 84.7 127.1

192 19.6 16.8 25.2

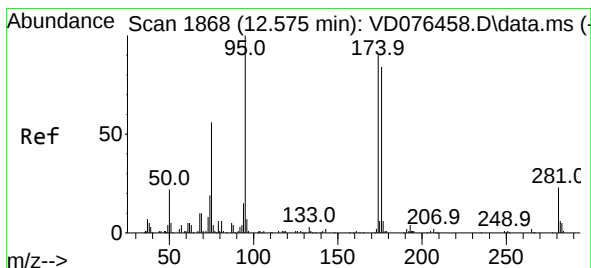
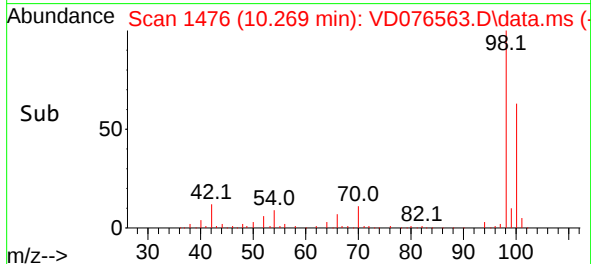
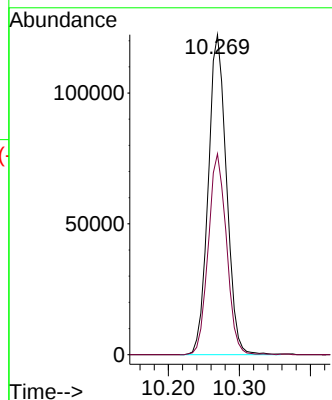
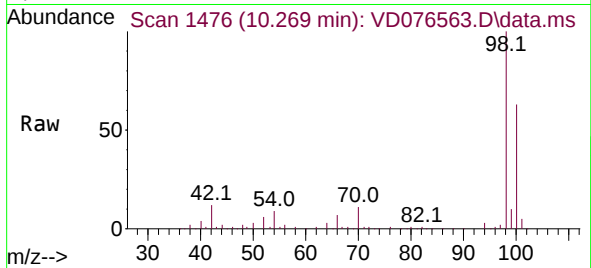




#50
Toluene-d8
Concen: 51.288 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076563.D
Acq: 23 Jun 2023 17:33

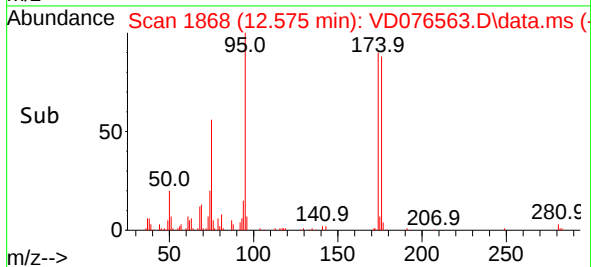
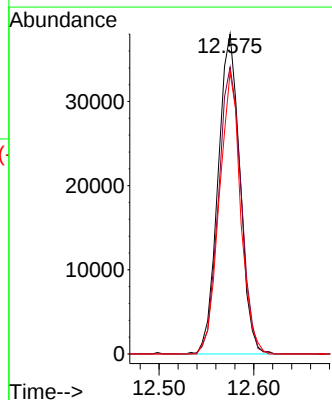
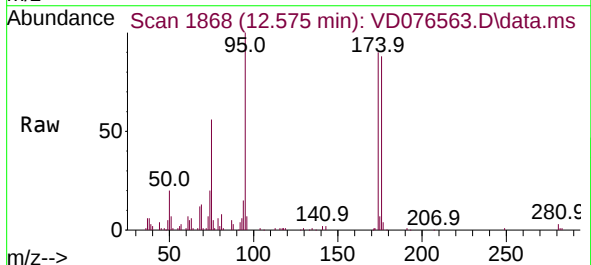
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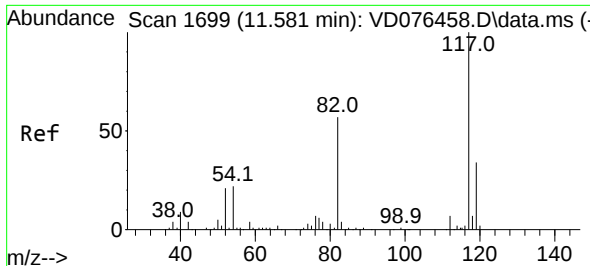
Tgt Ion: 98 Resp: 218109
Ion Ratio Lower Upper
98 100
100 62.6 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 44.239 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076563.D
Acq: 23 Jun 2023 17:33

Tgt Ion: 95 Resp: 61057
Ion Ratio Lower Upper
95 100
174 92.6 0.0 201.8
176 85.6 0.0 191.8

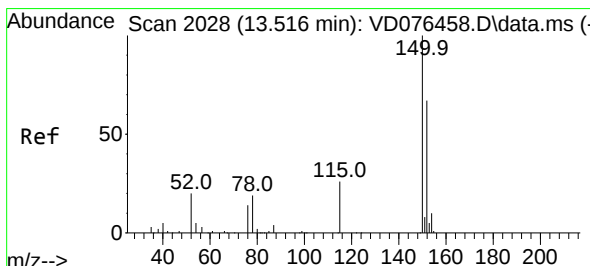
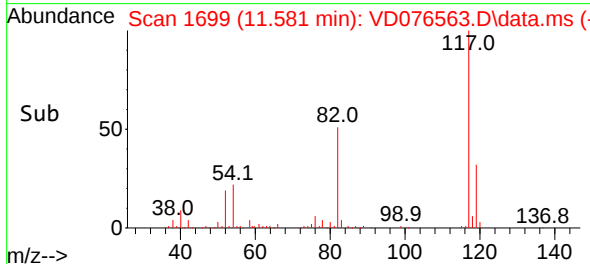
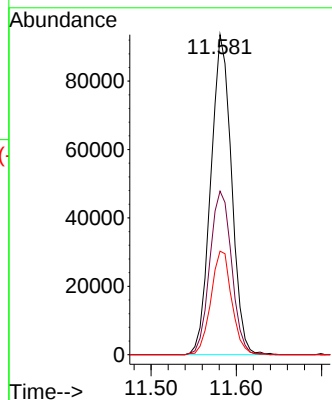
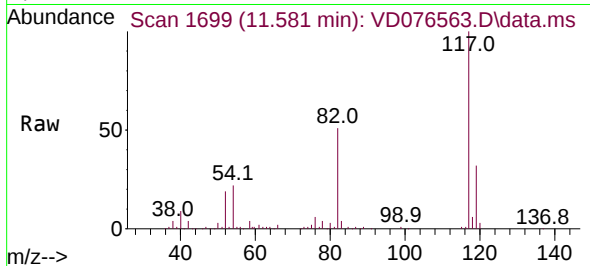




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076563.D
Acq: 23 Jun 2023 17:33

Instrument :
MSVOA_D
ClientSampleId :
CF-29

Tgt Ion:117 Resp: 158144
Ion Ratio Lower Upper
117 100
82 51.1 38.3 57.5
119 32.3 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: VD076563.D
Acq: 23 Jun 2023 17:33

Tgt Ion:152 Resp: 58606
Ion Ratio Lower Upper
152 100
115 55.9 27.1 81.3
150 154.4 0.0 353.6

