

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062323\
 Data File : VD076568.D
 Acq On : 23 Jun 2023 20:03
 Operator : KP/SY
 Sample : 03361-17
 Misc : 9.69G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOTAL-VOC-SB-23-GRAB-5

Quant Time: Jun 24 01:00:22 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	78381	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	142587	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	100669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	29184	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	63103	80.354	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	160.700%
35) Dibromofluoromethane	7.804	113	55737	65.800	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	131.600%
50) Toluene-d8	10.269	98	163997	51.050	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.100%
62) 4-Bromofluorobenzene	12.575	95	32050	30.741	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	61.480%

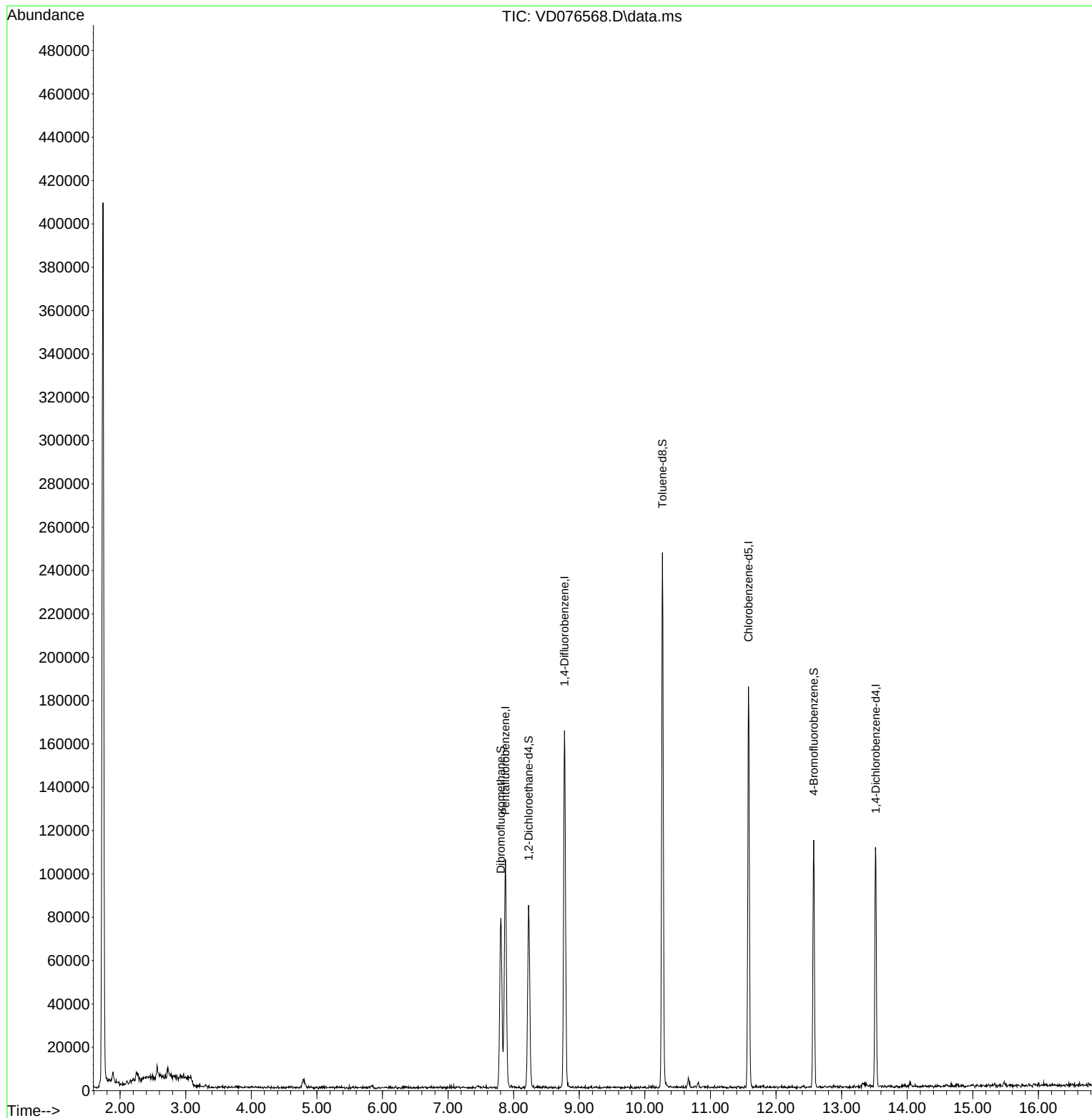
Target Compounds	Qvalue

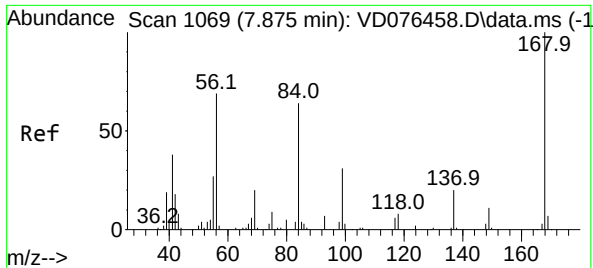
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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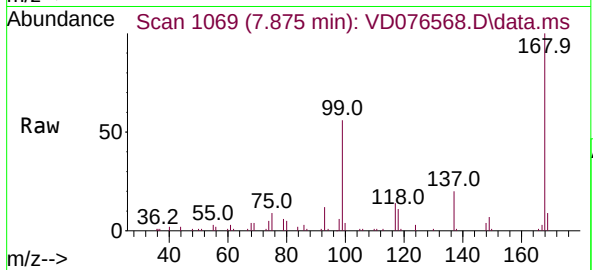
Quant Time: Jun 24 01:00:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
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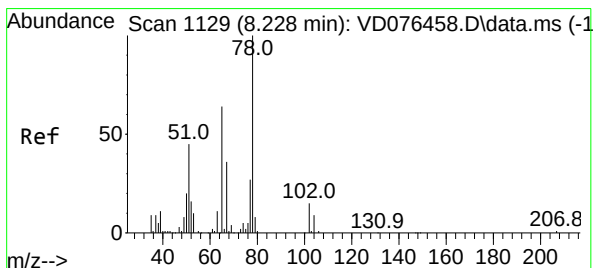
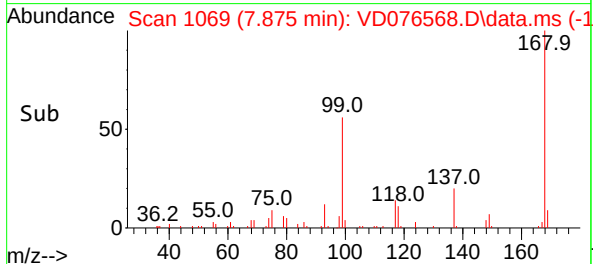
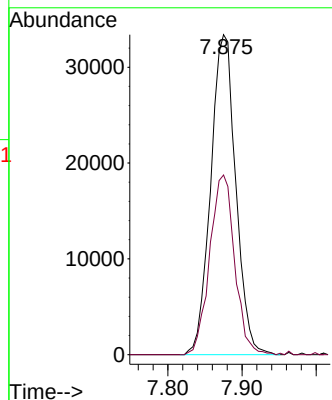


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076568.D
Acq: 23 Jun 2023 20:03

Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-23-GRAB-5

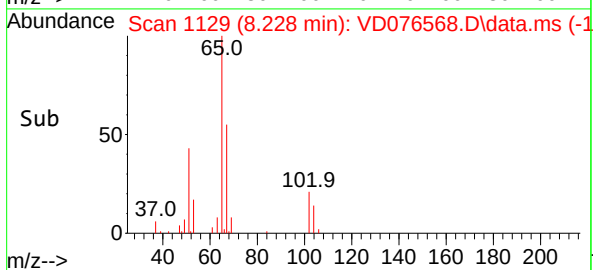
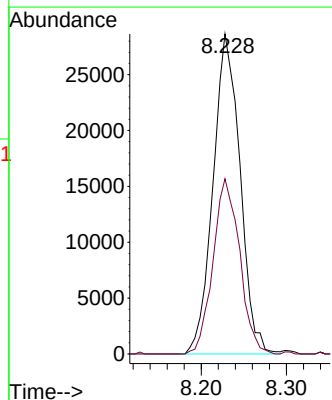
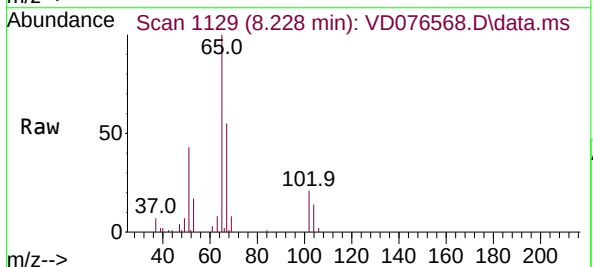


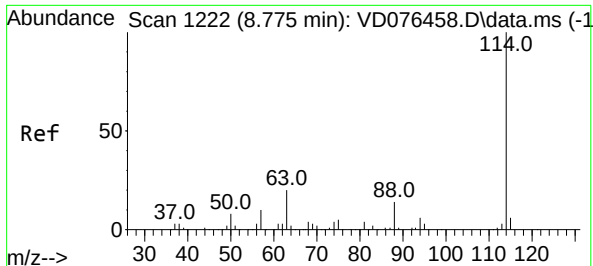
Tgt Ion:168 Resp: 78381
Ion Ratio Lower Upper
168 100
99 56.1 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 80.354 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076568.D
Acq: 23 Jun 2023 20:03

Tgt Ion: 65 Resp: 63103
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# 11

Delta R.T. -0.000 min

Lab File: VD076568.D

Acq: 23 Jun 2023 20:03

Instrument :

MSVOA_D

ClientSampleId :

TOTAL-VOC-SB-23-GRAB-5

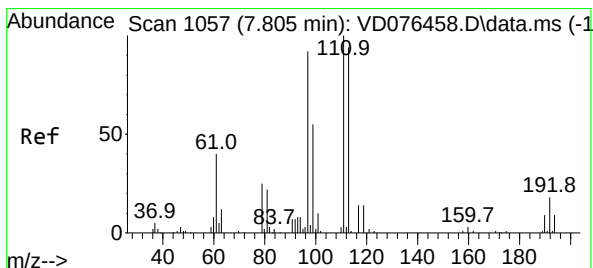
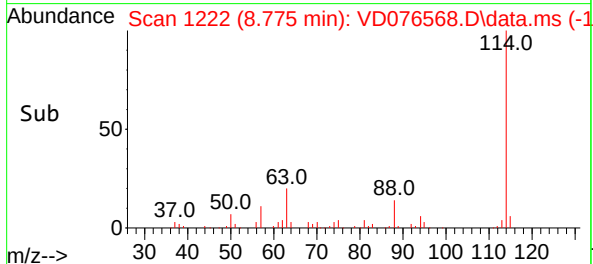
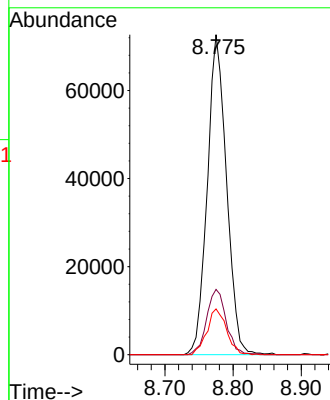
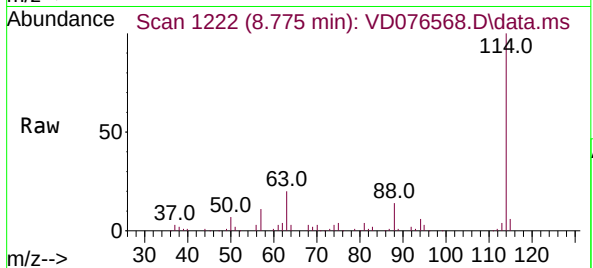
Tgt Ion:114 Resp: 142587

Ion Ratio Lower Upper

114 100

63 20.4 0.0 33.4

88 14.3 0.0 26.2



#35

Dibromofluoromethane

Concen: 65.800 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076568.D

Acq: 23 Jun 2023 20:03

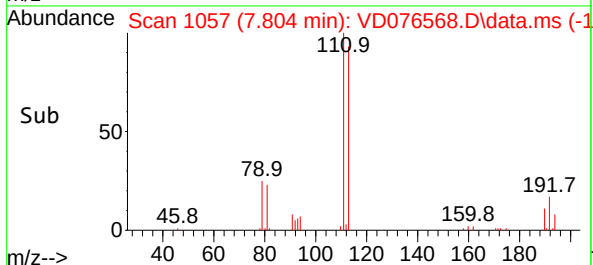
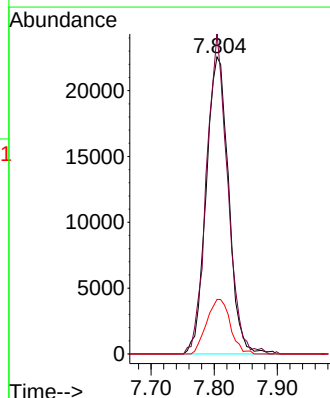
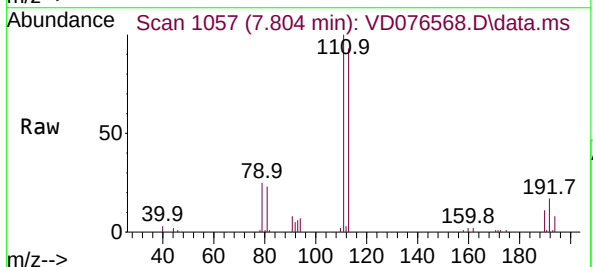
Tgt Ion:113 Resp: 55737

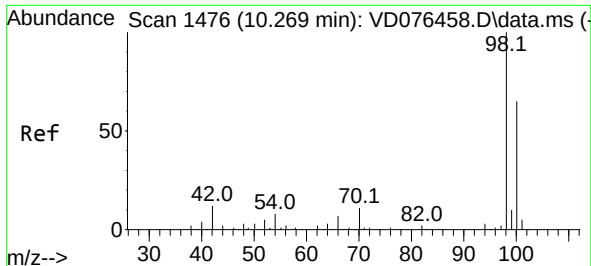
Ion Ratio Lower Upper

113 100

111 101.5 84.7 127.1

192 19.3 16.8 25.2

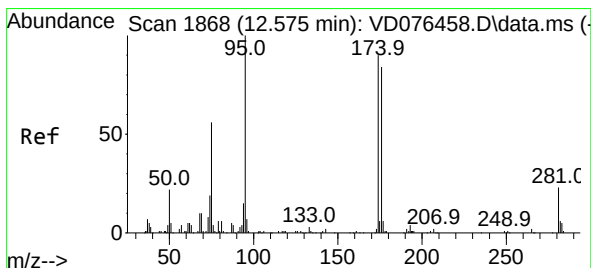
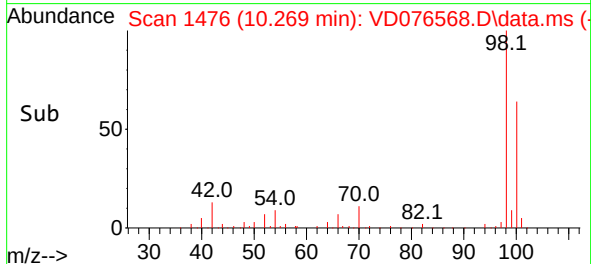
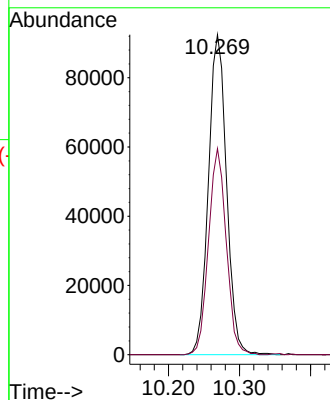
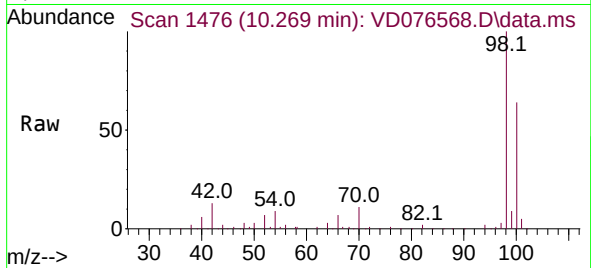




#50
Toluene-d8
Concen: 51.050 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076568.D
Acq: 23 Jun 2023 20:03

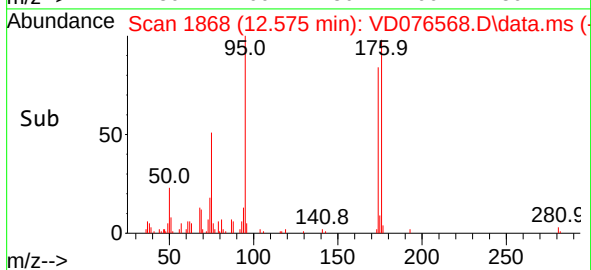
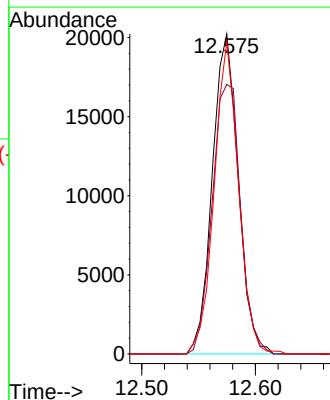
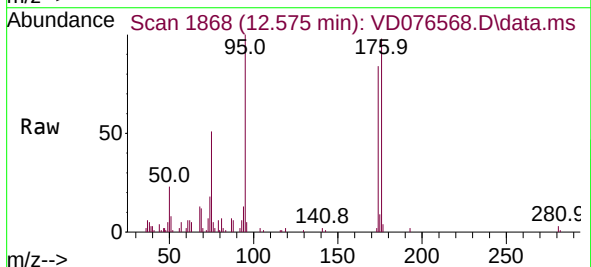
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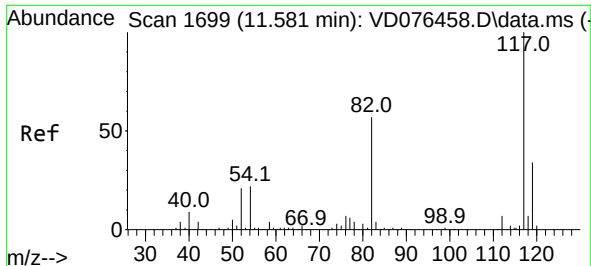
Tgt Ion: 98 Resp: 163997
Ion Ratio Lower Upper
98 100
100 63.1 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 30.741 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076568.D
Acq: 23 Jun 2023 20:03

Tgt Ion: 95 Resp: 32050
Ion Ratio Lower Upper
95 100
174 92.6 0.0 201.8
176 91.8 0.0 191.8

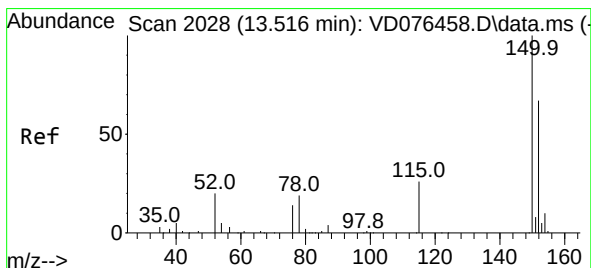
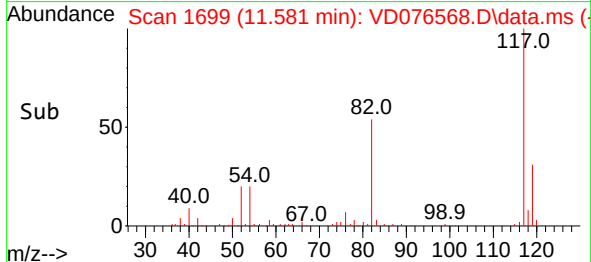
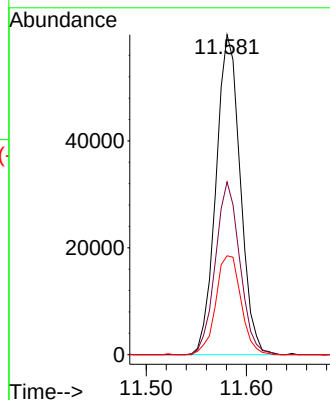
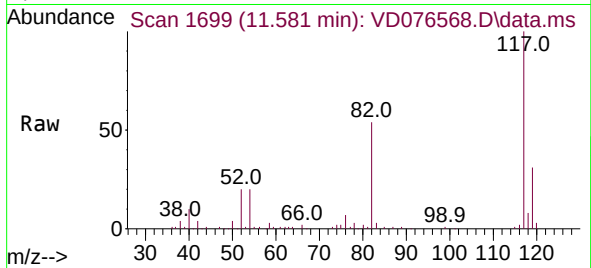




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD076568.D
Acq: 23 Jun 2023 20:03

Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-23-GRAB-5

Tgt Ion:117 Resp: 100669
Ion Ratio Lower Upper
117 100
82 54.0 38.3 57.5
119 30.9 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD076568.D
Acq: 23 Jun 2023 20:03

Tgt Ion:152 Resp: 29184
Ion Ratio Lower Upper
152 100
115 56.7 27.1 81.3
150 151.7 0.0 353.6

