

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053123\
 Data File : VD076292.D
 Acq On : 31 May 2023 18:52
 Operator : KP/SY
 Sample : 02980-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-05302023

Quant Time: Jun 01 01:44:09 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)

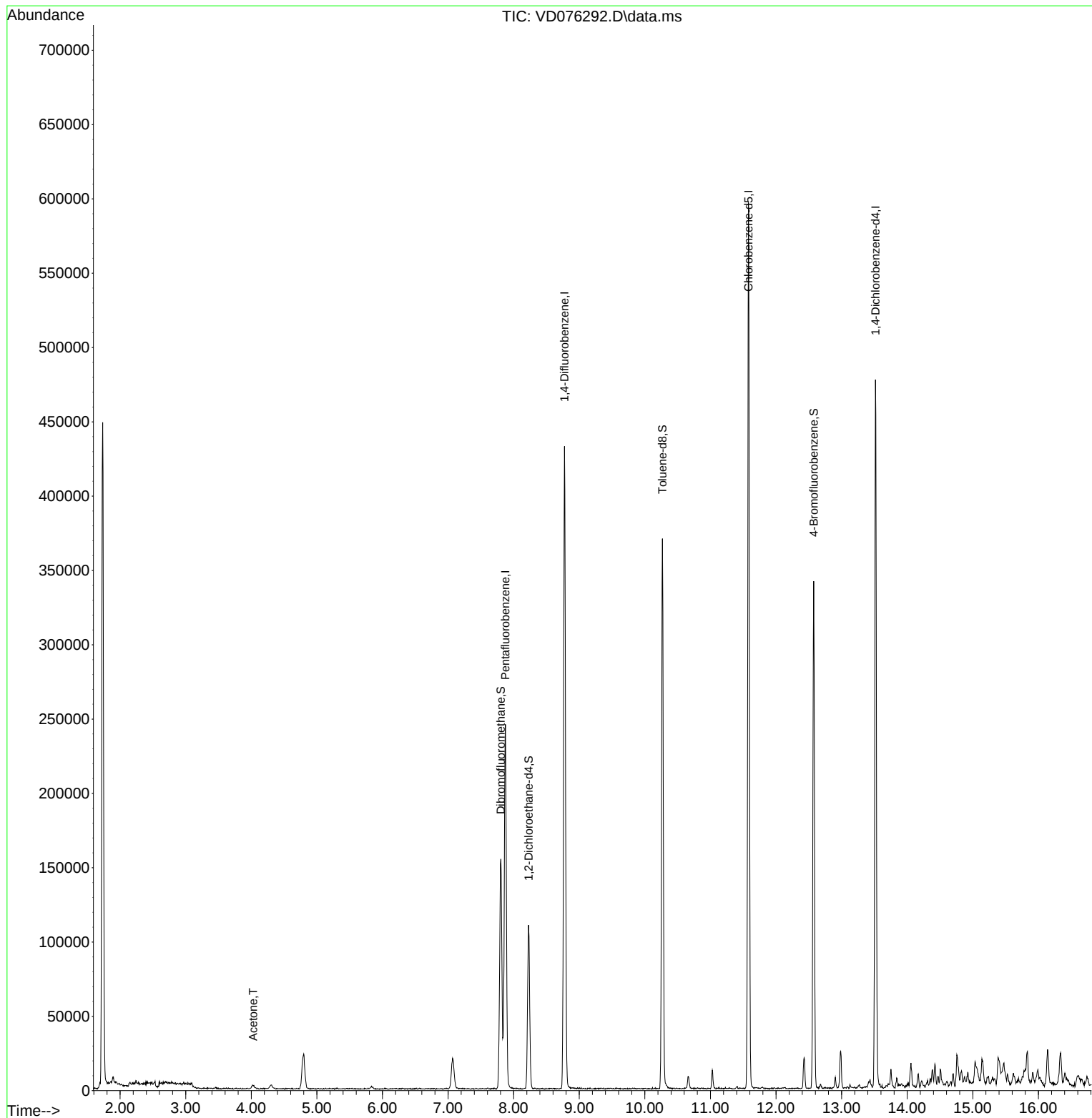
Internal Standards						
1) Pentafluorobenzene	7.875	168	198956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	411324	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	372089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	137868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	83968	43.668	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.340%
35) Dibromofluoromethane	7.805	113	116569	41.000	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.000%
50) Toluene-d8	10.269	98	273993	24.721	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	49.440%#
62) 4-Bromofluorobenzene	12.575	95	102516	33.298	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	66.600%
Target Compounds						
16) Acetone	4.028	43	4640	12.128	ug/l	Qvalue 94

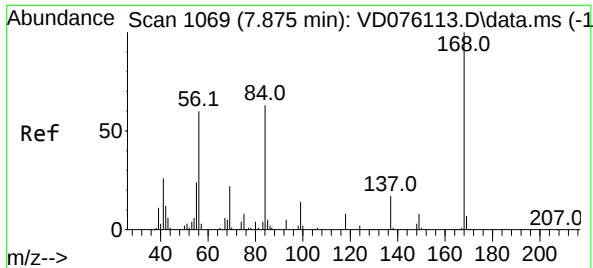
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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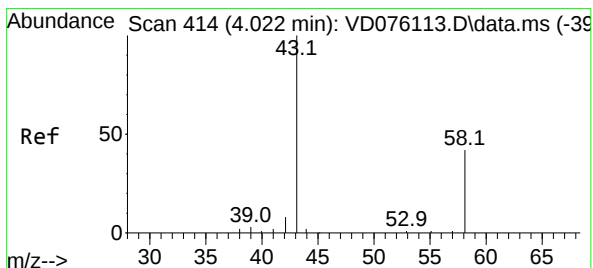
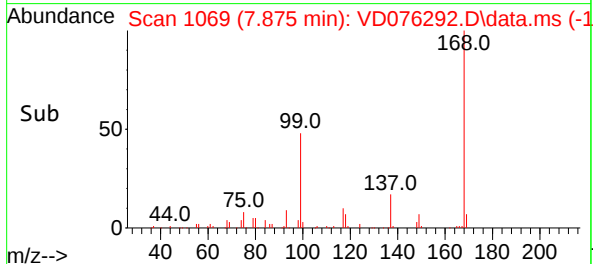
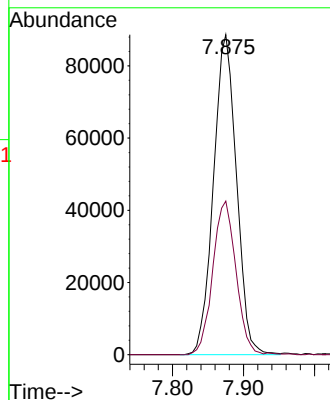
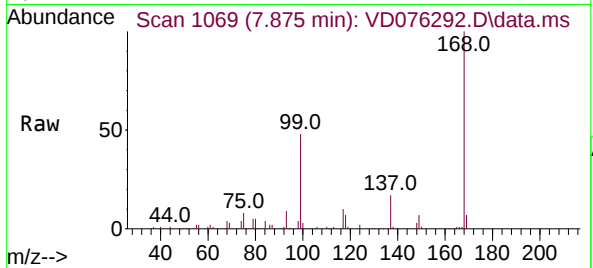




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076292.D
Acq: 31 May 2023 18:52

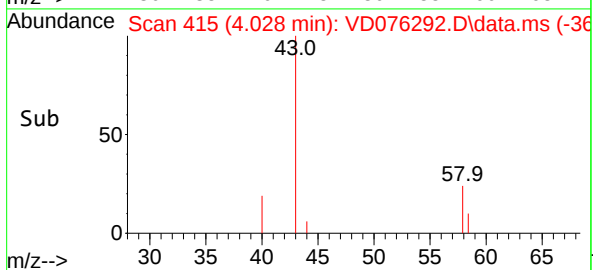
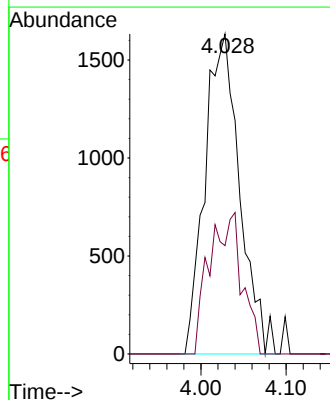
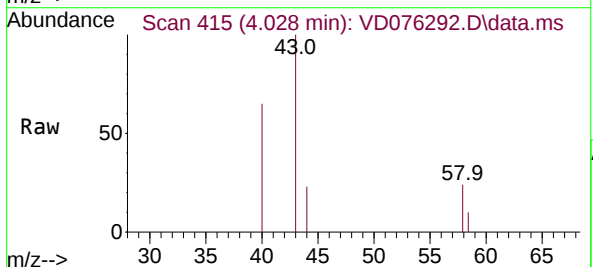
Instrument :
MSVOA_D
ClientSampleId :
EO-01-05302023

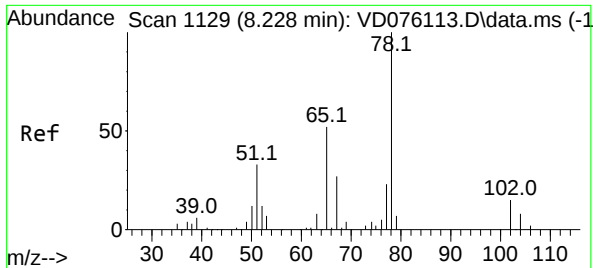
Tgt Ion:168 Resp: 198956
Ion Ratio Lower Upper
168 100
99 48.0 43.8 65.6



#16
Acetone
Concen: 12.128 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD076292.D
Acq: 31 May 2023 18:52

Tgt Ion: 43 Resp: 4640
Ion Ratio Lower Upper
43 100
58 33.9 24.4 36.6





#33

1,2-Dichloroethane-d4

Concen: 43.668 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076292.D

Acq: 31 May 2023 18:52

Instrument :

MSVOA_D

ClientSampleId :

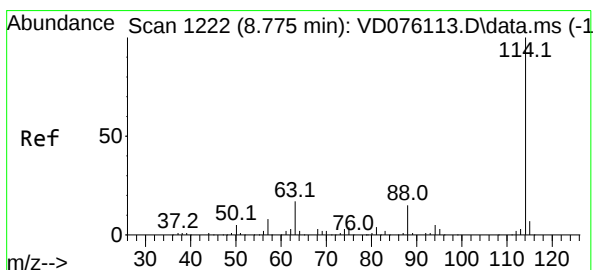
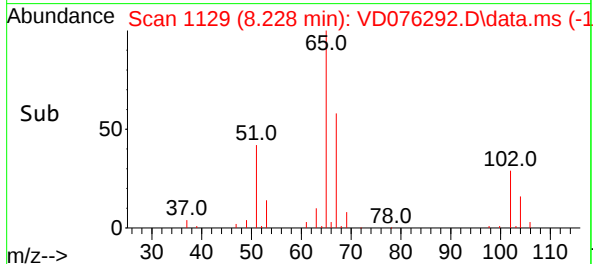
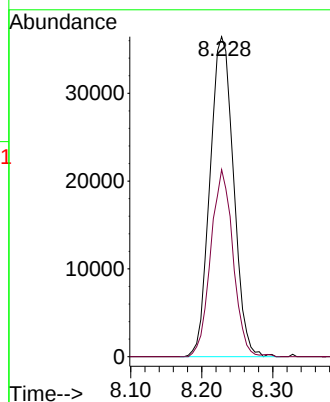
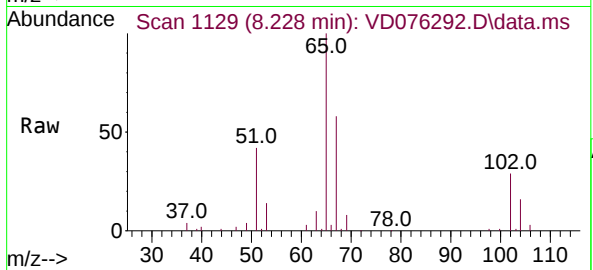
EO-01-05302023

Tgt Ion: 65 Resp: 83968

Ion Ratio Lower Upper

65 100

67 55.1 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076292.D

Acq: 31 May 2023 18:52

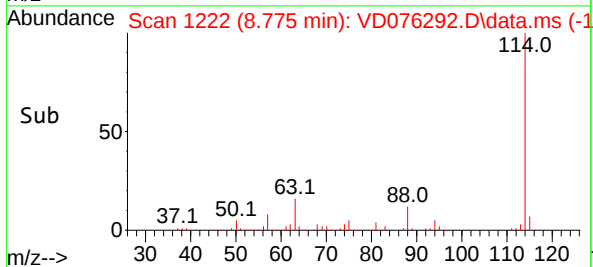
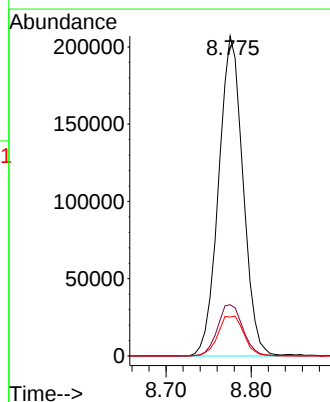
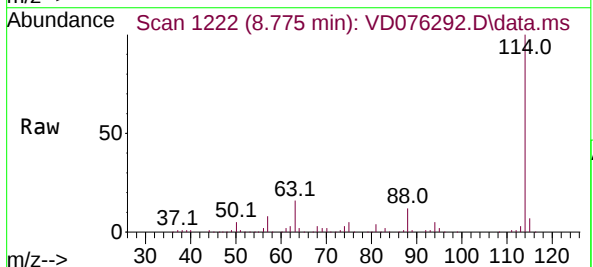
Tgt Ion: 114 Resp: 411324

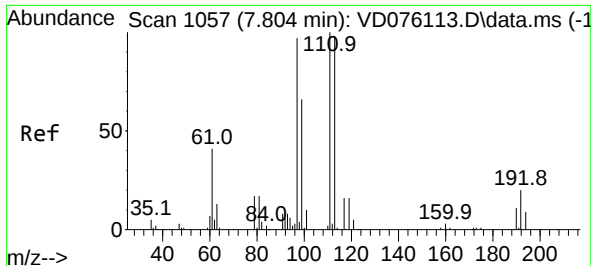
Ion Ratio Lower Upper

114 100

63 16.0 0.0 41.6

88 12.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 41.000 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076292.D

Acq: 31 May 2023 18:52

Instrument :

MSVOA_D

ClientSampleId :

EO-01-05302023

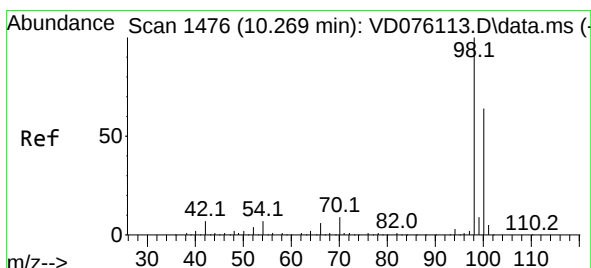
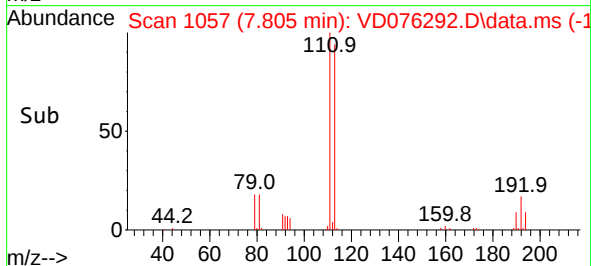
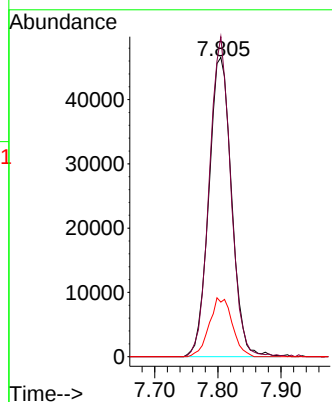
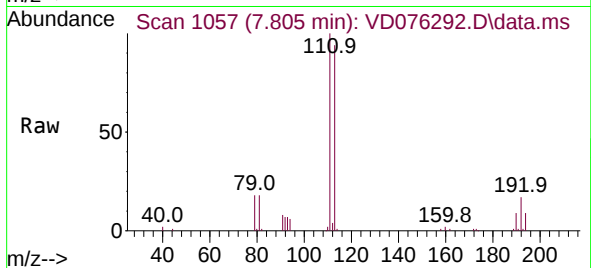
Tgt Ion:113 Resp: 116569

Ion Ratio Lower Upper

113 100

111 101.0 81.4 122.0

192 19.9 15.2 22.8



#50

Toluene-d8

Concen: 24.721 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076292.D

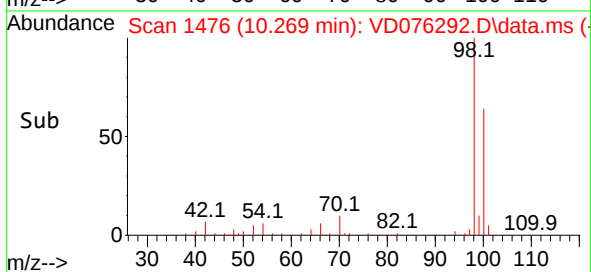
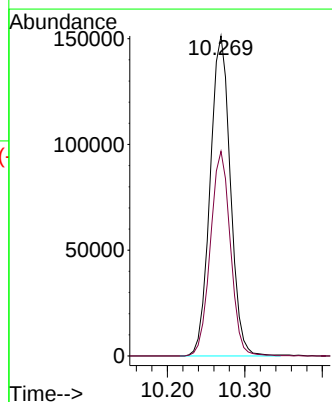
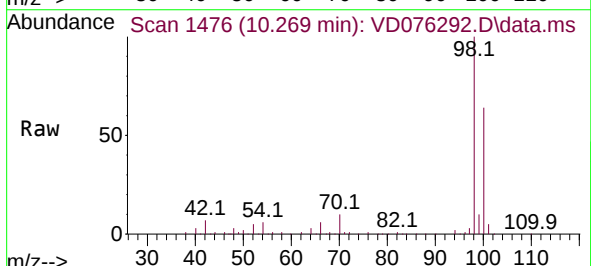
Acq: 31 May 2023 18:52

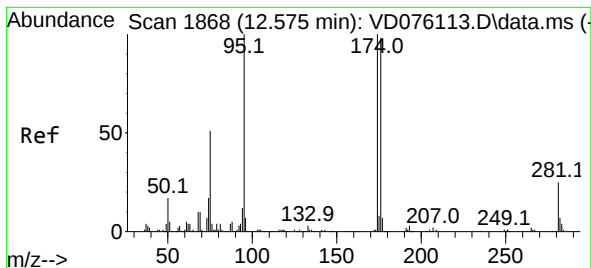
Tgt Ion: 98 Resp: 273993

Ion Ratio Lower Upper

98 100

100 63.2 52.1 78.1

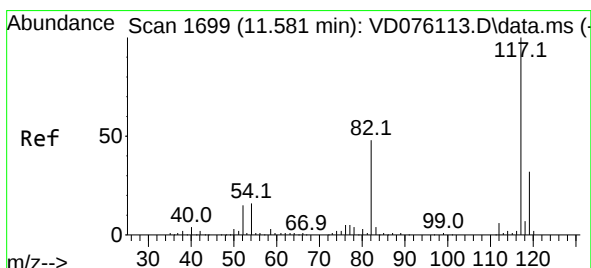
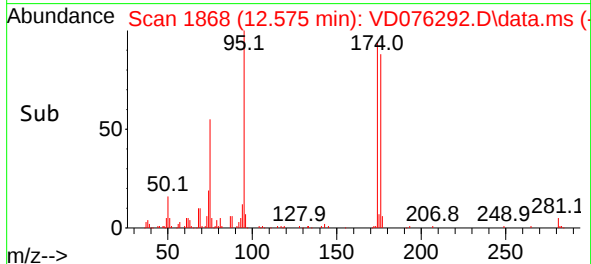
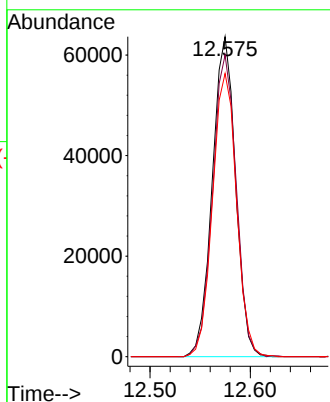
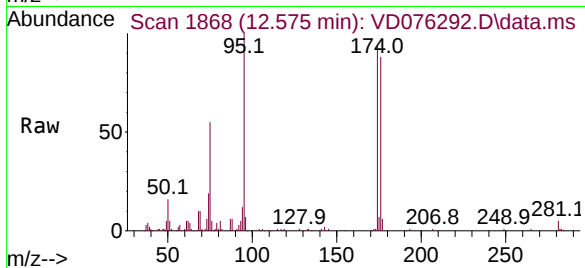




#62
4-Bromofluorobenzene
Concen: 33.298 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076292.D
Acq: 31 May 2023 18:52

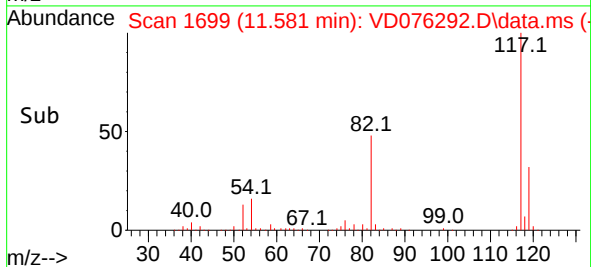
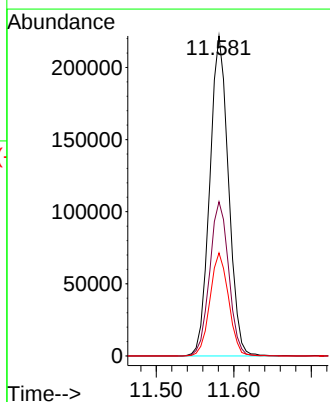
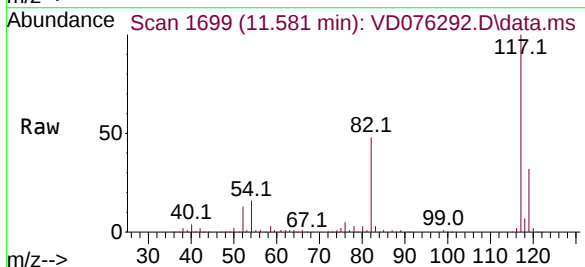
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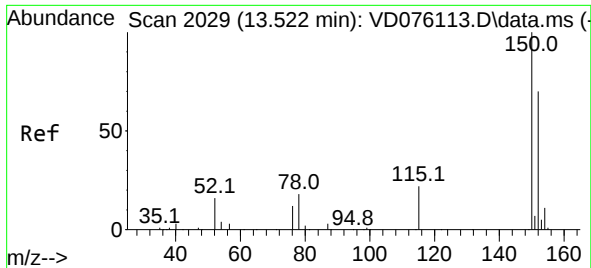
Tgt Ion: 95 Resp: 102516
Ion Ratio Lower Upper
95 100
174 95.9 0.0 164.0
176 91.1 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076292.D
Acq: 31 May 2023 18:52

Tgt Ion: 117 Resp: 372089
Ion Ratio Lower Upper
117 100
82 48.2 44.0 66.0
119 32.2 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. -0.006 min

Lab File: VD076292.D

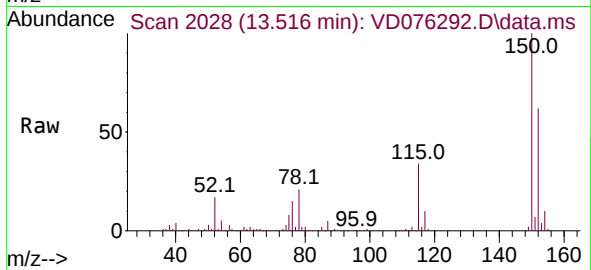
Acq: 31 May 2023 18:52

Instrument :

MSVOA_D

ClientSampleId :

EO-01-05302023



Tgt Ion:152 Resp: 137868

Ion Ratio Lower Upper

152 100

115 52.9 30.1 90.3

150 160.3 0.0 364.8

