

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062023\
 Data File : VD076496.D
 Acq On : 20 Jun 2023 17:17
 Operator : KP/SY
 Sample : 03289-19
 Misc : 5.09G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-07-0-2.0

Quant Time: Jun 21 06:48:47 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)

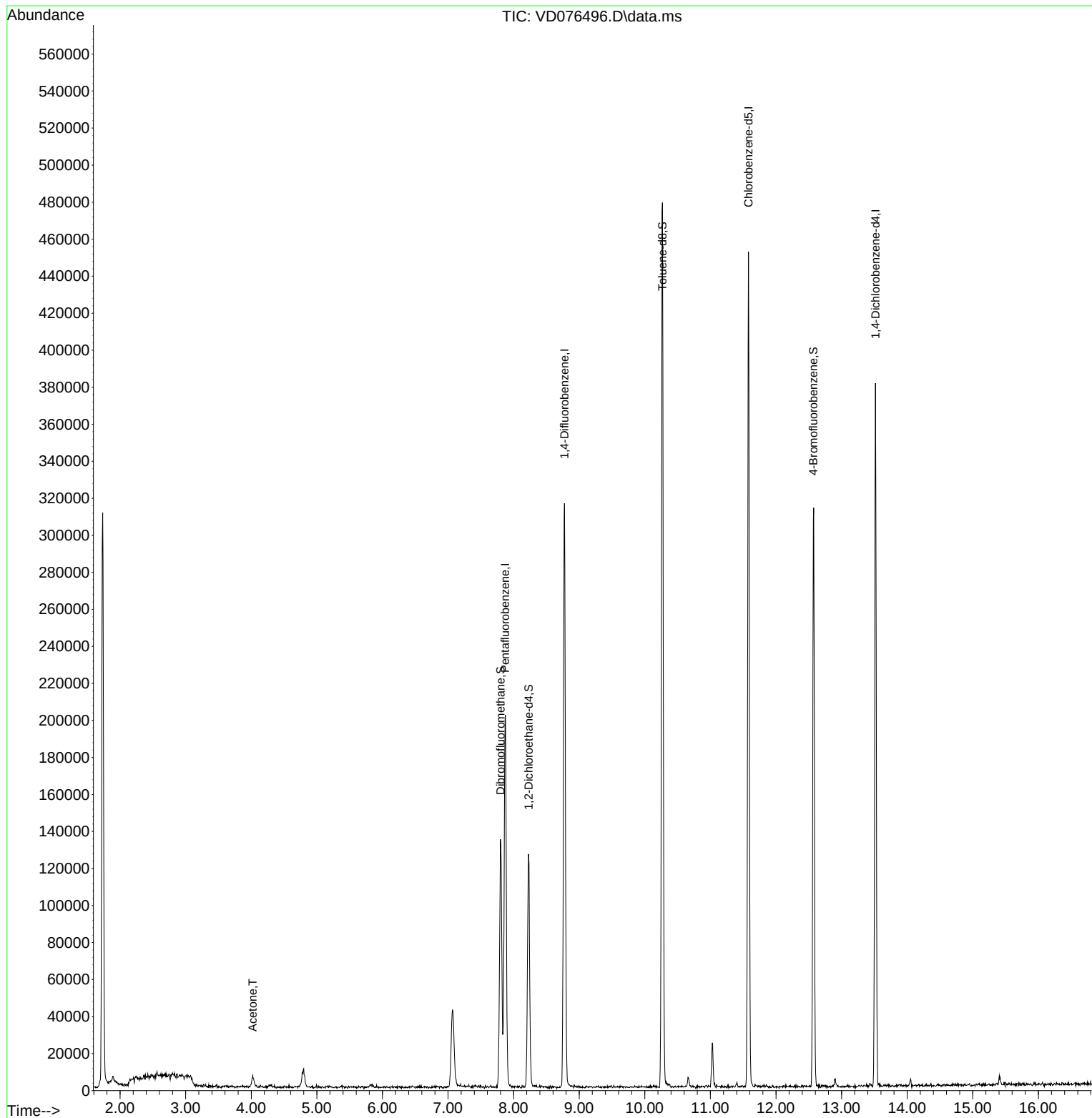
Internal Standards						
1) Pentafluorobenzene	7.869	168	159909	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	281569	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	250794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	98892	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	93832	58.566	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.140%
35) Dibromofluoromethane	7.799	113	93454	55.870	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.740%
50) Toluene-d8	10.269	98	336247	53.005	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.000%
62) 4-Bromofluorobenzene	12.569	95	90835	44.120	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.240%
Target Compounds						
16) Acetone	4.023	43	8509	22.319	ug/l	Qvalue 95

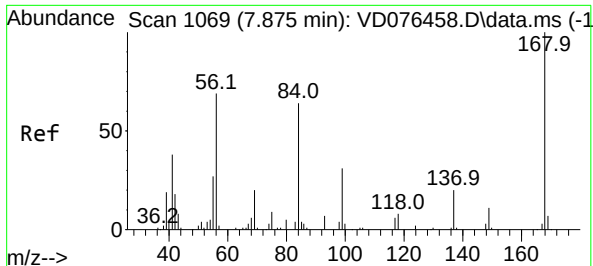
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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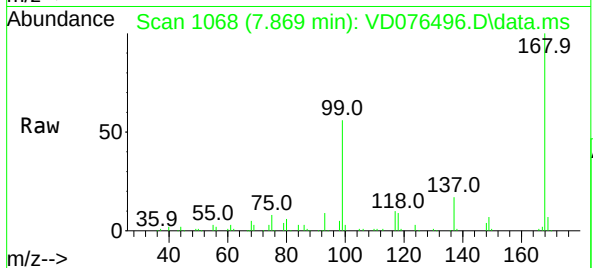
Quant Time: Jun 21 06:48:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
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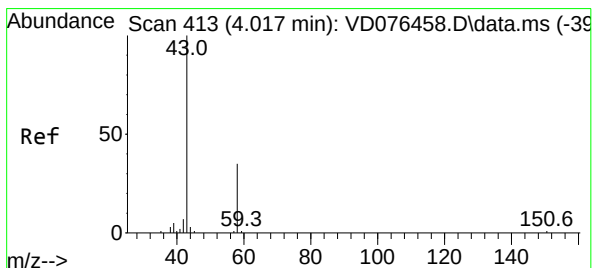
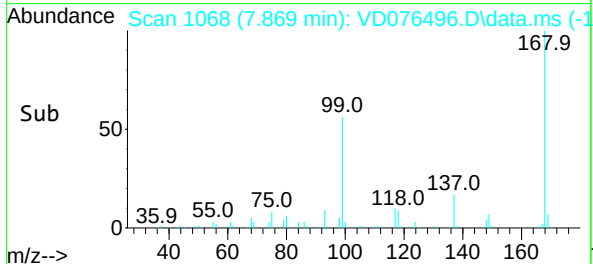
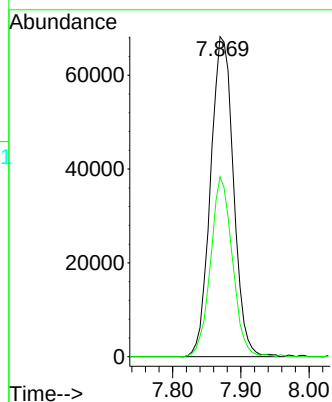


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076496.D
Acq: 20 Jun 2023 17:17

Instrument :
MSVOA_D
ClientSampleId :
SB-07-0-2.0

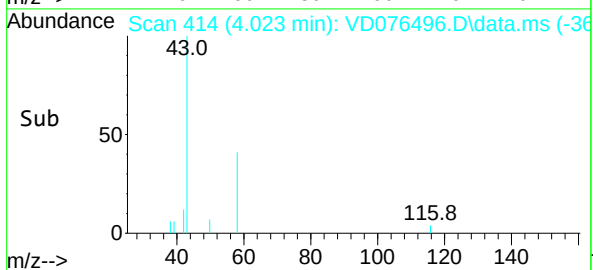
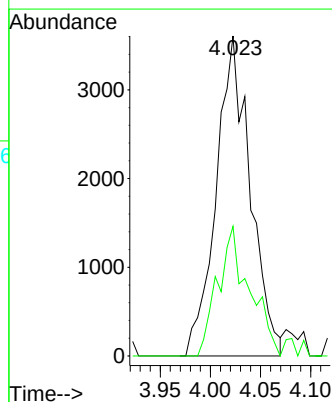
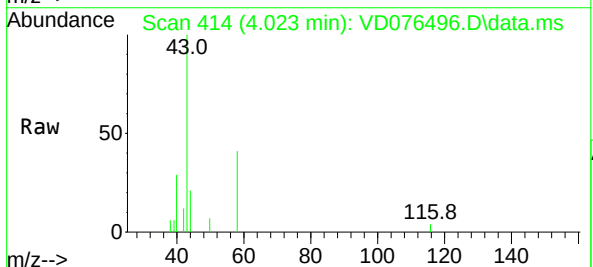


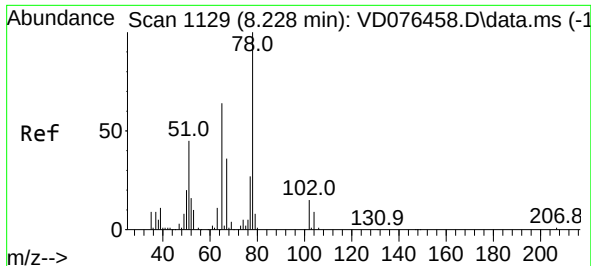
Tgt Ion:168 Resp: 159909
Ion Ratio Lower Upper
168 100
99 56.2 36.7 55.1#



#16
Acetone
Concen: 22.319 ug/l
RT: 4.023 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076496.D
Acq: 20 Jun 2023 17:17

Tgt Ion: 43 Resp: 8509
Ion Ratio Lower Upper
43 100
58 40.5 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 58.566 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076496.D

Acq: 20 Jun 2023 17:17

Instrument :

MSVOA_D

ClientSampleId :

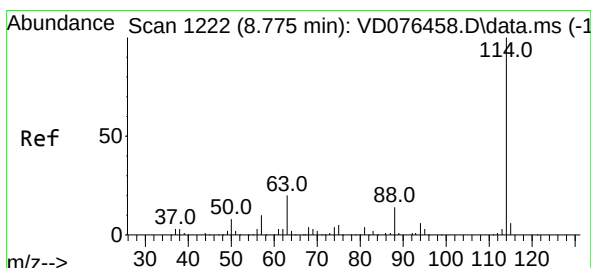
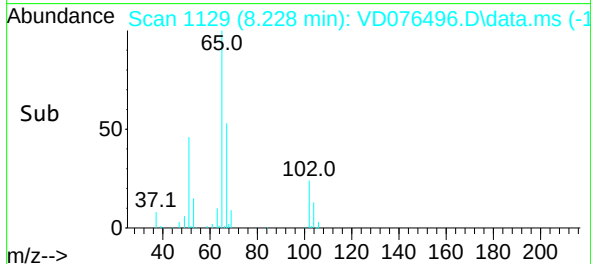
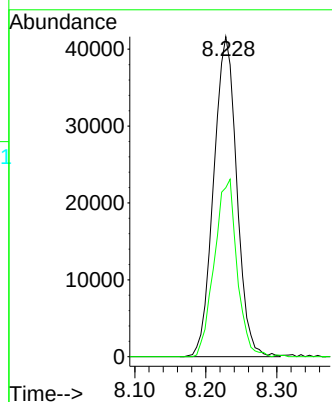
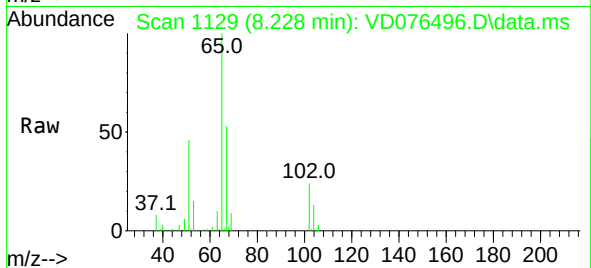
SB-07-0-2.0

Tgt Ion: 65 Resp: 93832

Ion Ratio Lower Upper

65 100

67 54.3 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076496.D

Acq: 20 Jun 2023 17:17

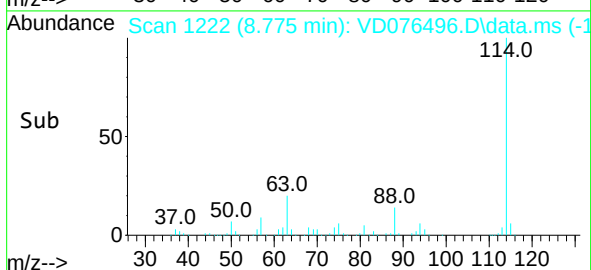
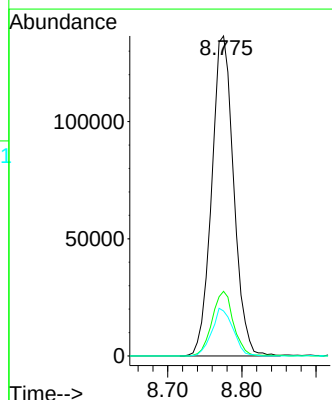
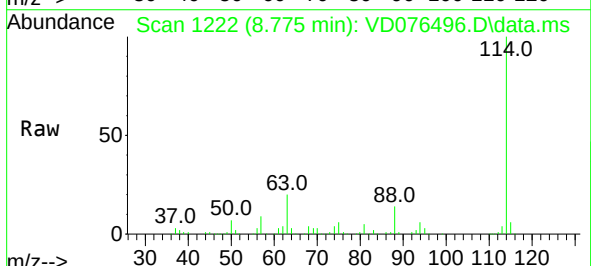
Tgt Ion: 114 Resp: 281569

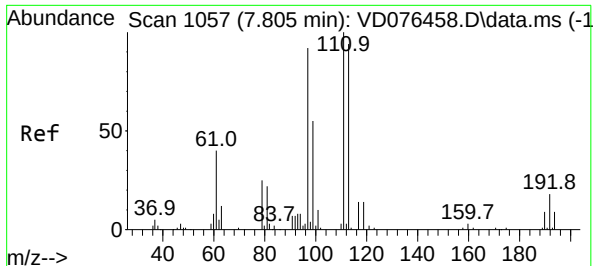
Ion Ratio Lower Upper

114 100

63 20.2 0.0 33.4

88 14.1 0.0 26.2





#35

Dibromofluoromethane

Concen: 55.870 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076496.D

Acq: 20 Jun 2023 17:17

Instrument :

MSVOA_D

ClientSampleId :

SB-07-0-2.0

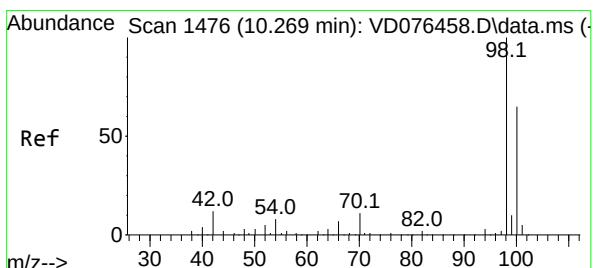
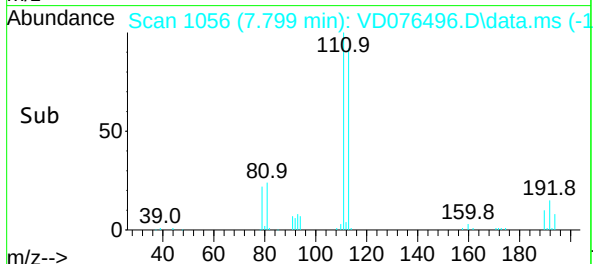
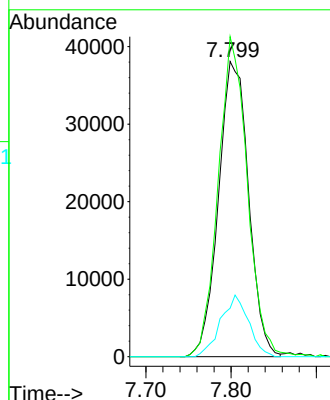
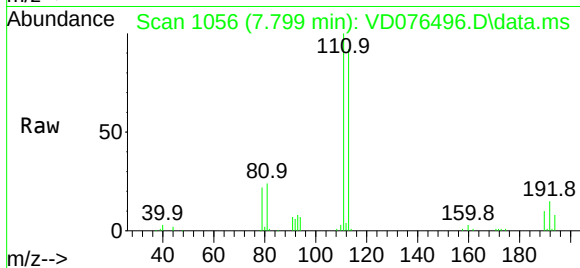
Tgt Ion:113 Resp: 93454

Ion Ratio Lower Upper

113 100

111 104.9 84.7 127.1

192 19.4 16.8 25.2



#50

Toluene-d8

Concen: 53.005 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076496.D

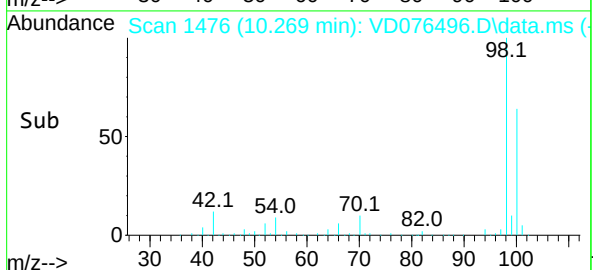
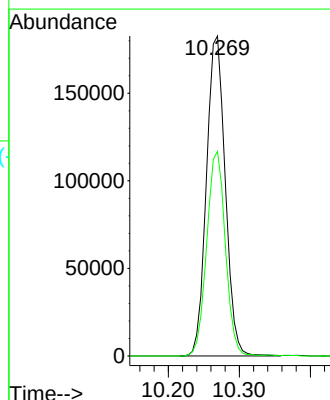
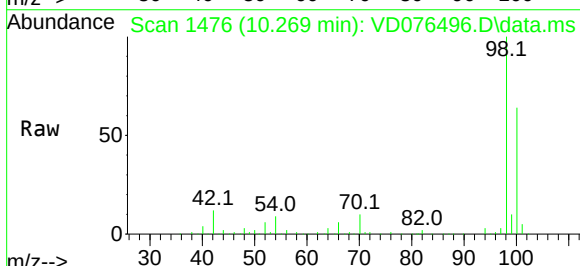
Acq: 20 Jun 2023 17:17

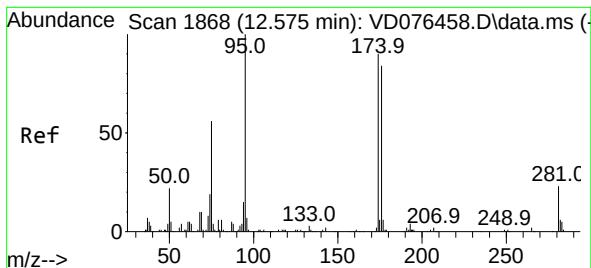
Tgt Ion: 98 Resp: 336247

Ion Ratio Lower Upper

98 100

100 63.4 50.3 75.5

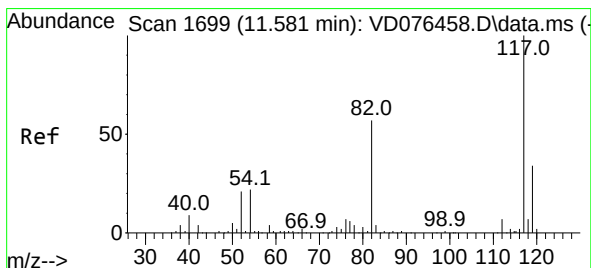
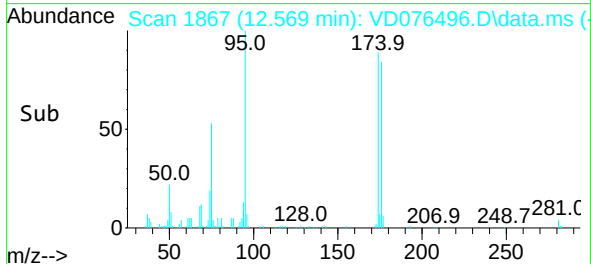
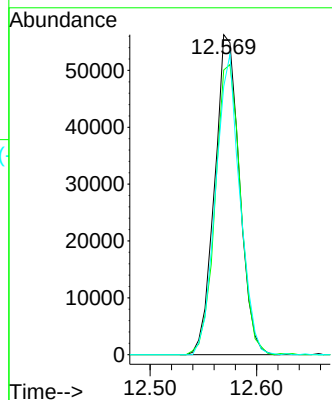
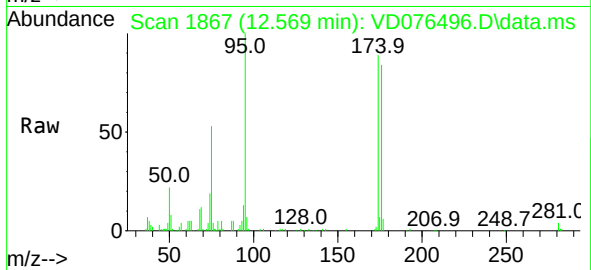




#62
4-Bromofluorobenzene
Concen: 44.120 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076496.D
Acq: 20 Jun 2023 17:17

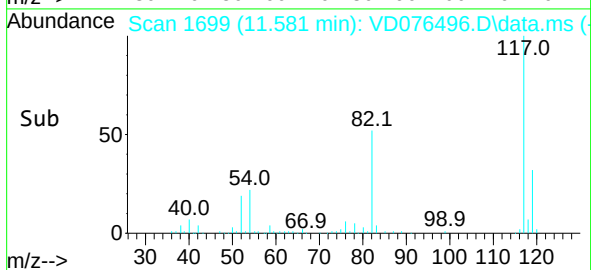
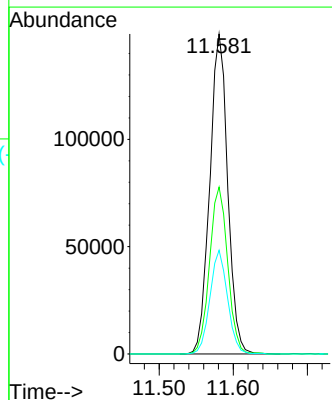
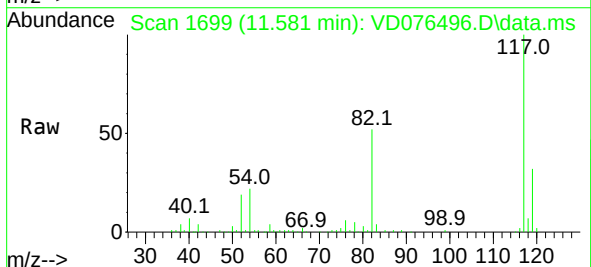
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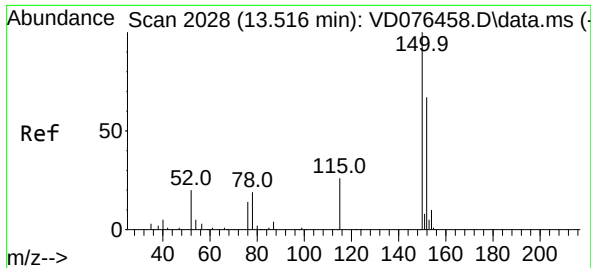
Tgt Ion: 95 Resp: 90835
Ion Ratio Lower Upper
95 100
174 92.4 0.0 201.8
176 91.3 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076496.D
Acq: 20 Jun 2023 17:17

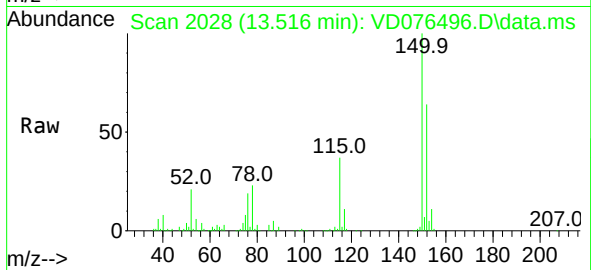
Tgt Ion: 117 Resp: 250794
Ion Ratio Lower Upper
117 100
82 52.1 38.3 57.5
119 32.4 25.0 37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD076496.D
 Acq: 20 Jun 2023 17:17

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-07-0-2.0



Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.0	27.1	81.3
150	158.3	0.0	353.6

