

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091522\
 Data File : VD074320.D
 Acq On : 15 Sep 2022 20:47
 Operator : VA/SY
 Sample : N4582-01RE
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CRUSHED-MASONRY-PILE-7RE

Quant Time: Sep 16 05:56:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 04:45:19 2022
 Response via : Initial Calibration

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

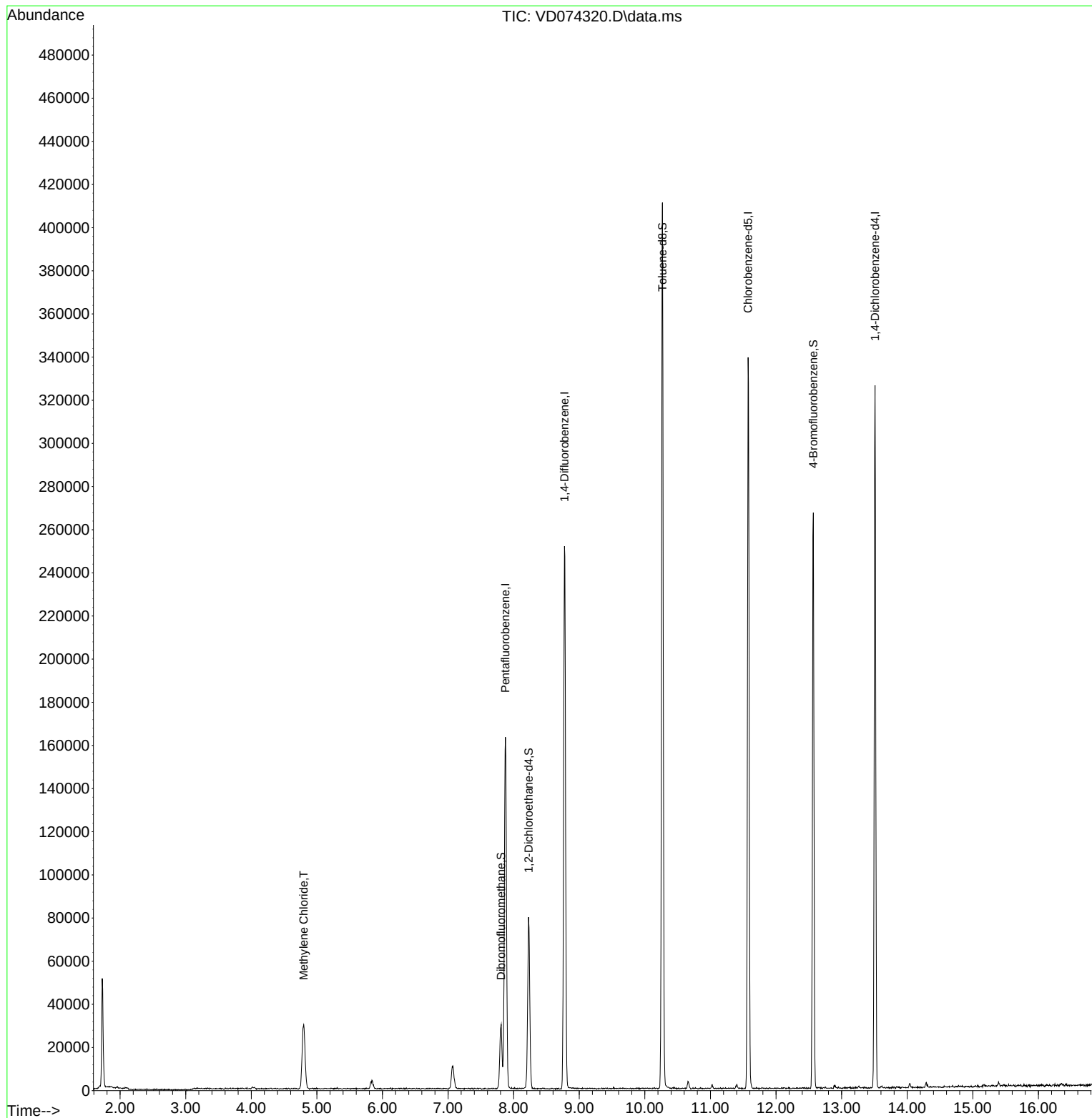
Internal Standards						
1) Pentafluorobenzene	7.875	168	128872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	227263	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	198642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	87668	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	60487	46.037	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.080%
35) Dibromofluoromethane	7.810	113	22297	12.166	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	24.340%#
50) Toluene-d8	10.269	98	286581	51.442	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.880%
62) 4-Bromofluorobenzene	12.569	95	81074	40.331	ug/l	0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.660%
Target Compounds						
20) Methylene Chloride	4.798	84	23875	9.542	ug/l	Qvalue 96

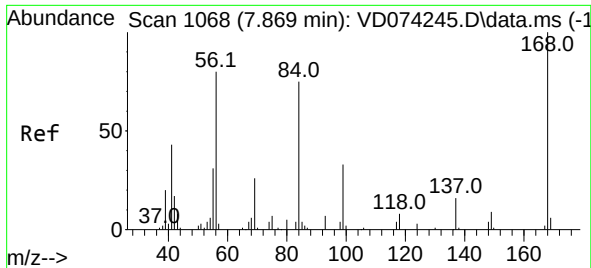
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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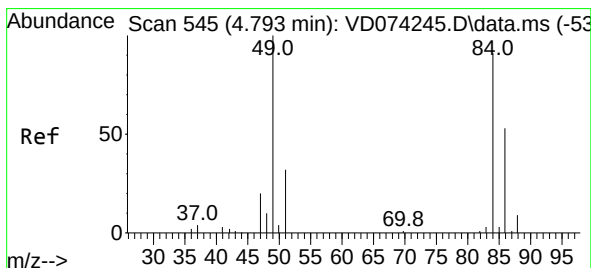
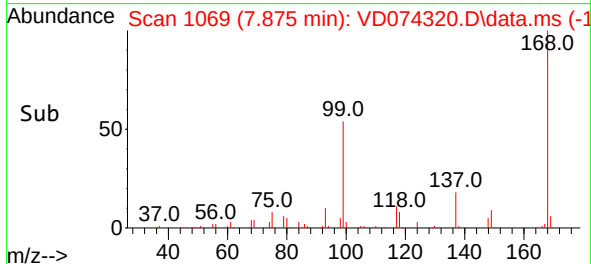
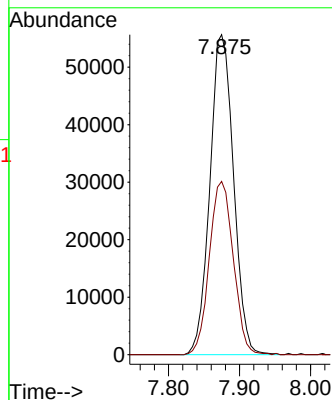
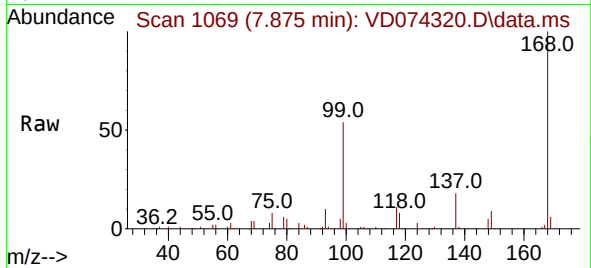




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VD074320.D
Acq: 15 Sep 2022 20:47

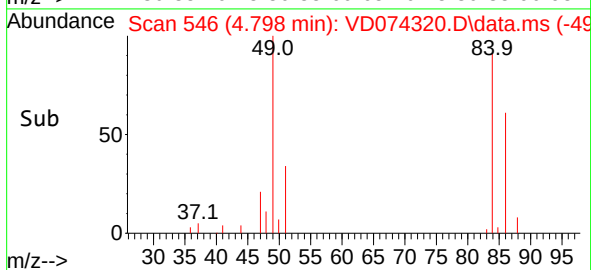
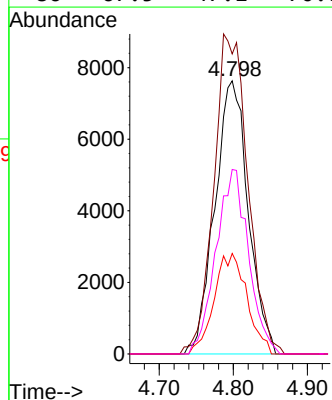
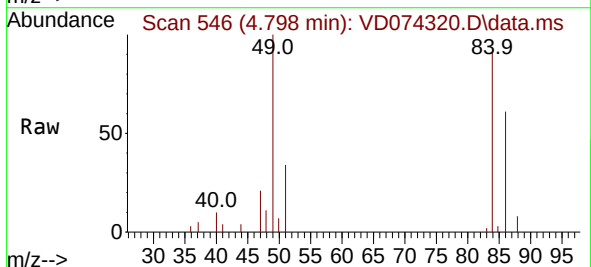
Instrument :
MSVOA_D
ClientSampleId :
CRUSHED-MASONRY-PILE-7RE

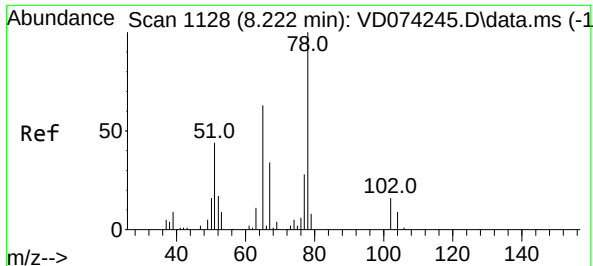
Tgt Ion:168 Resp: 128872
Ion Ratio Lower Upper
168 100
99 54.2 43.0 64.6



#20
Methylene Chloride
Concen: 9.542 ug/l
RT: 4.798 min Scan# 546
Delta R.T. 0.005 min
Lab File: VD074320.D
Acq: 15 Sep 2022 20:47

Tgt Ion: 84 Resp: 23875
Ion Ratio Lower Upper
84 100
49 109.9 88.4 132.6
51 36.8 28.0 42.0
86 67.5 47.1 70.7





#33

1,2-Dichloroethane-d4

Concen: 46.037 ug/l

RT: 8.228 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VD074320.D

Acq: 15 Sep 2022 20:47

Instrument :

MSVOA_D

ClientSampleId :

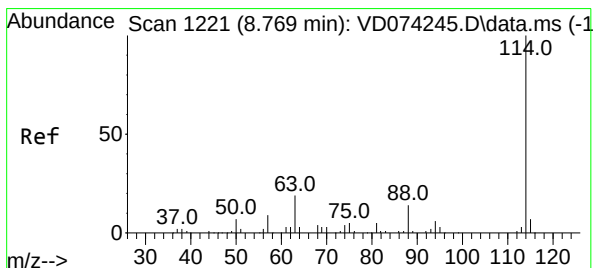
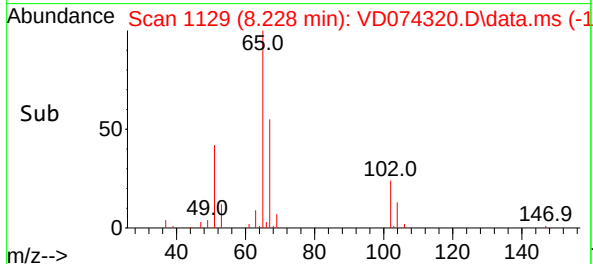
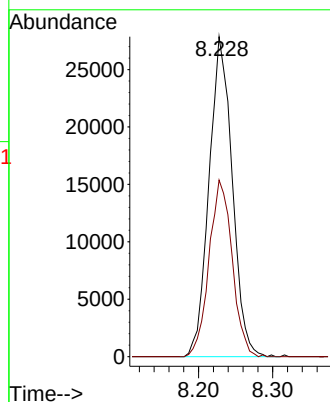
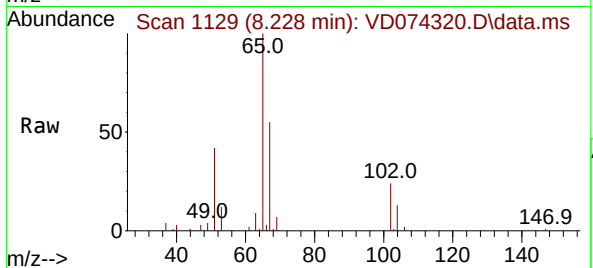
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Tgt Ion: 65 Resp: 60487

Ion Ratio Lower Upper

65 100

67 55.1 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VD074320.D

Acq: 15 Sep 2022 20:47

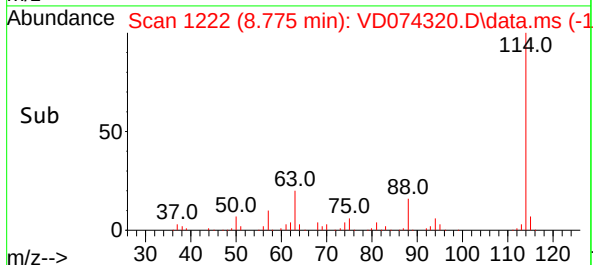
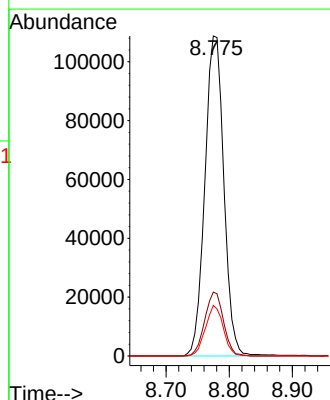
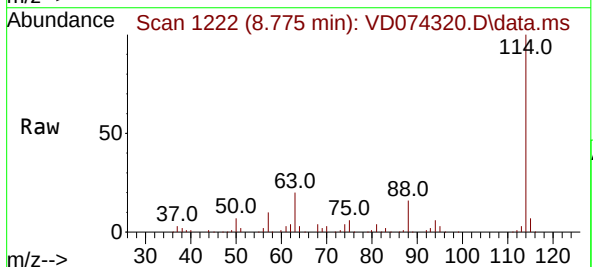
Tgt Ion: 114 Resp: 227263

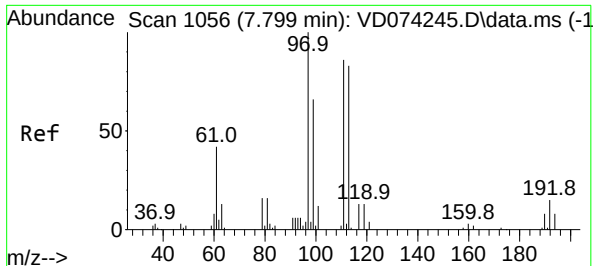
Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.6

88 15.8 0.0 28.4





#35

Dibromofluoromethane

Concen: 12.166 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.011 min

Lab File: VD074320.D

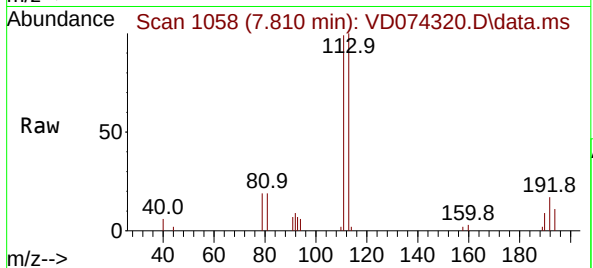
Acq: 15 Sep 2022 20:47

Instrument :

MSVOA_D

ClientSampleId :

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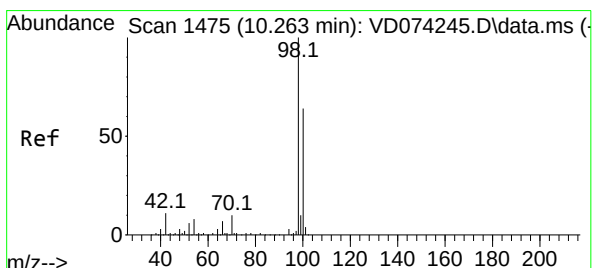
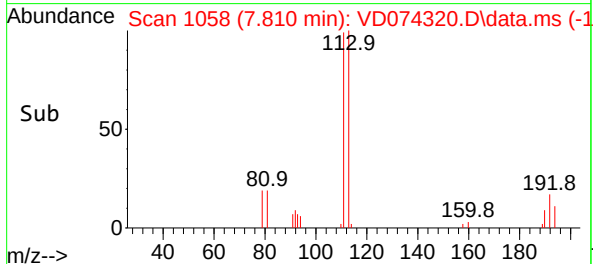
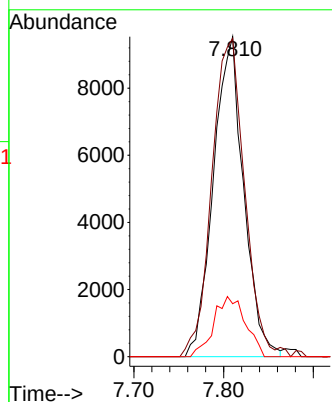
Tgt Ion:113 Resp: 22297

Ion Ratio Lower Upper

113 100

111 107.7 83.0 124.6

192 19.7 16.2 24.2



#50

Toluene-d8

Concen: 51.442 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VD074320.D

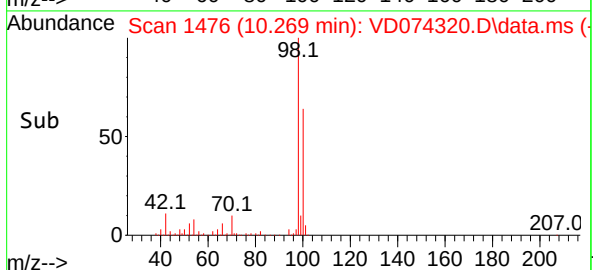
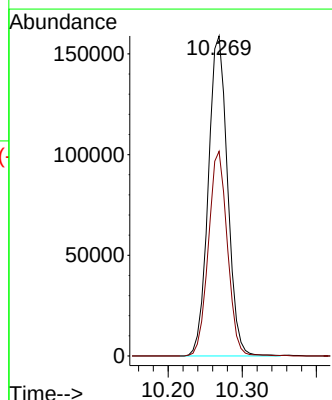
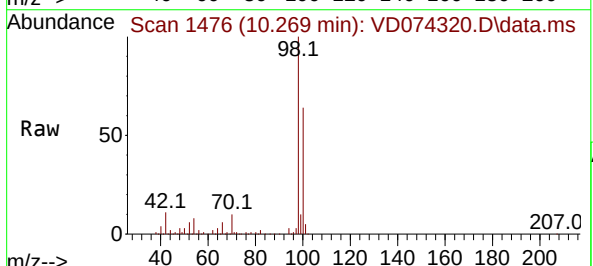
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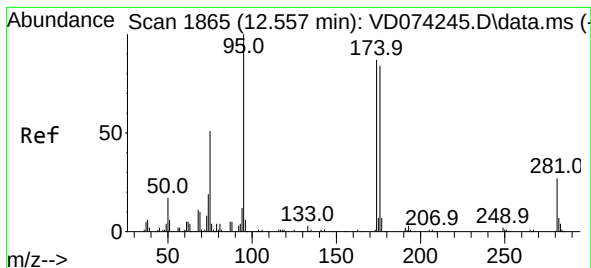
Tgt Ion: 98 Resp: 286581

Ion Ratio Lower Upper

98 100

100 63.0 51.8 77.8

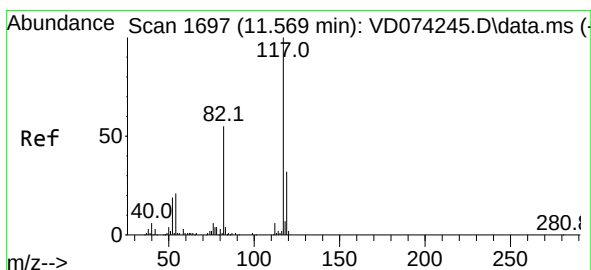
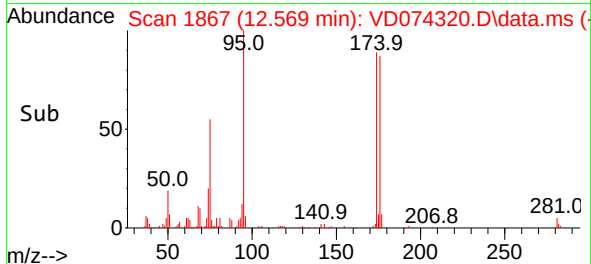
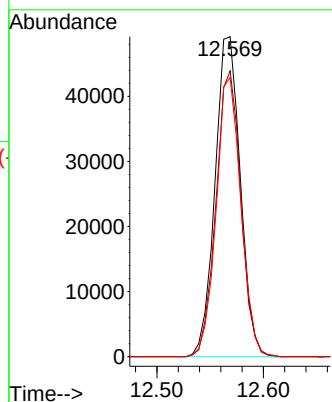
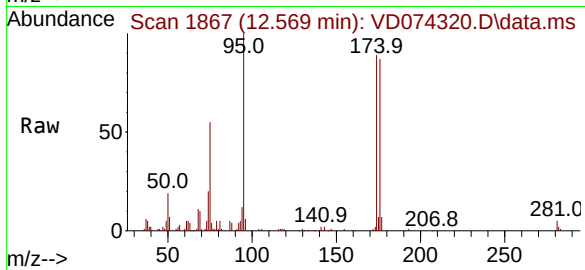




#62
4-Bromofluorobenzene
Concen: 40.331 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.012 min
Lab File: VD074320.D
Acq: 15 Sep 2022 20:47

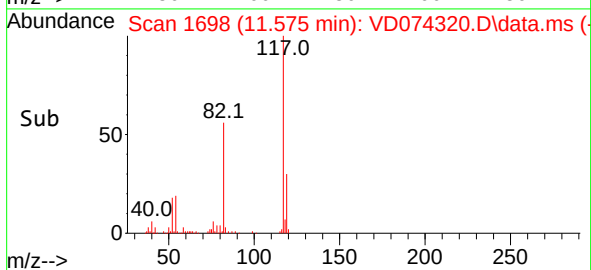
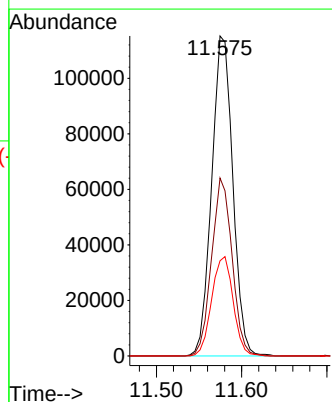
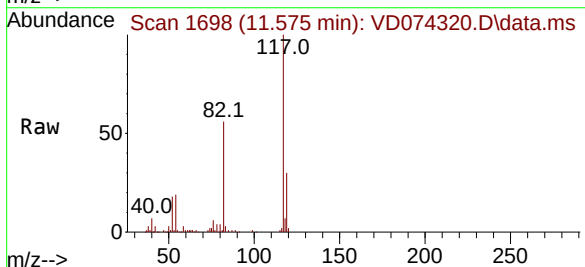
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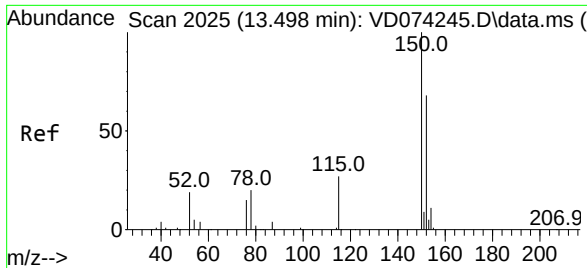
Tgt Ion: 95 Resp: 81074
Ion Ratio Lower Upper
95 100
174 87.5 0.0 179.2
176 85.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VD074320.D
Acq: 15 Sep 2022 20:47

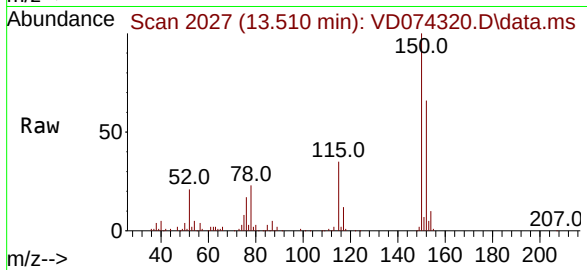
Tgt Ion: 117 Resp: 198642
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.2
119 29.7 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.510 min Scan# 20
 Delta R.T. 0.011 min
 Lab File: VD074320.D
 Acq: 15 Sep 2022 20:47

Instrument :
 MSVOA_D
 ClientSampleId :
 CRUSHED-MASONRY-PILE-7RE



Tgt Ion:152 Resp: 87668
 Ion Ratio Lower Upper
 152 100
 115 55.6 28.4 85.2
 150 155.6 0.0 351.0

