

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061022\
 Data File : VD073528.D
 Acq On : 10 Jun 2022 15:05
 Operator : VA/SY
 Sample : N3251-01
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-8-060822

Quant Time: Jun 10 23:06:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

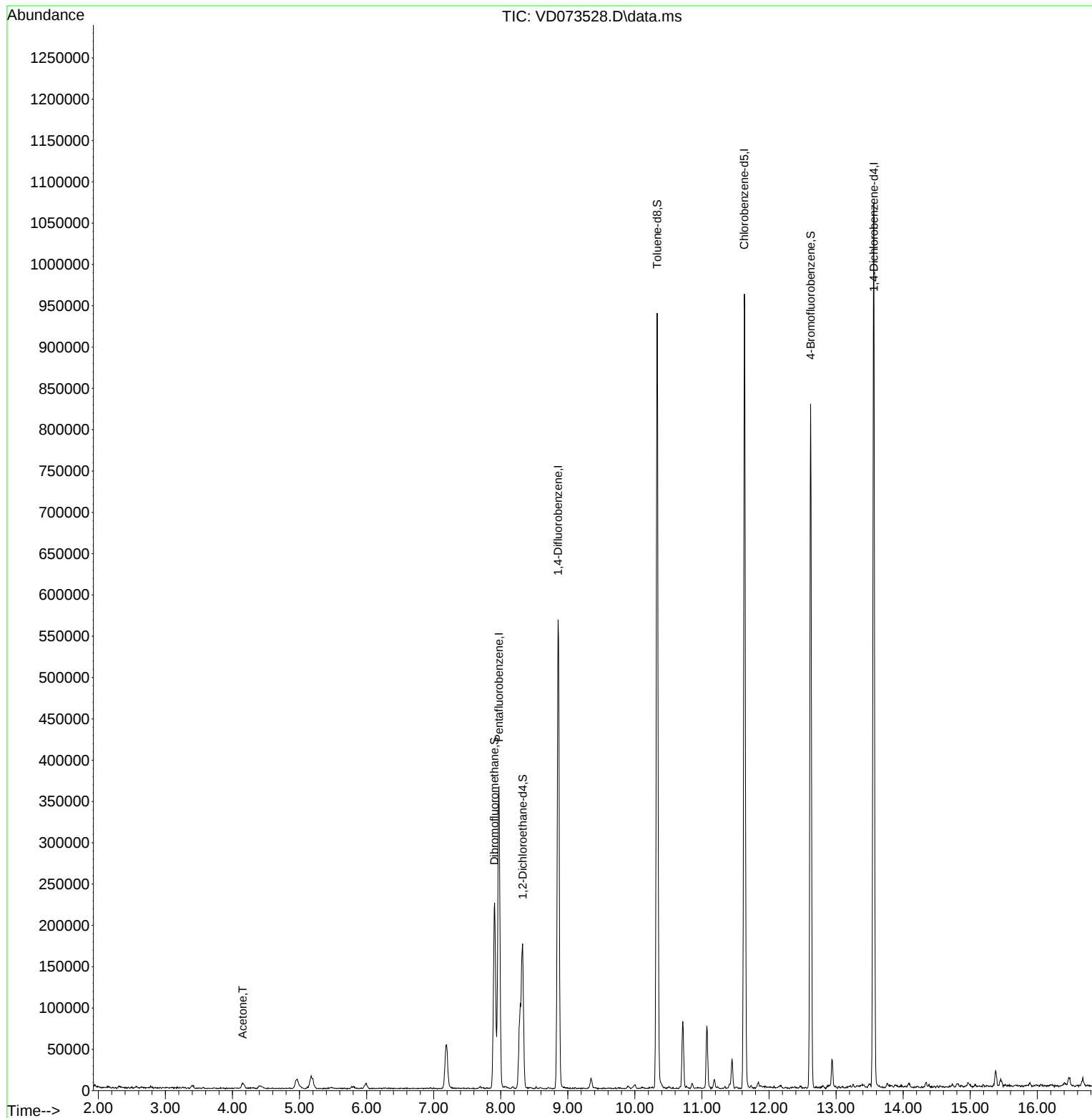
Internal Standards						
1) Pentafluorobenzene	7.973	168	272049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	508732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	573186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	285790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	134378	46.029	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.060%
35) Dibromofluoromethane	7.903	113	161937	49.502	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.000%
50) Toluene-d8	10.332	98	639191	51.679	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.360%
62) 4-Bromofluorobenzene	12.620	95	274960	61.237	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	122.480%
Target Compounds						
16) Acetone	4.150	43	11983	23.311	ug/l	Qvalue 91

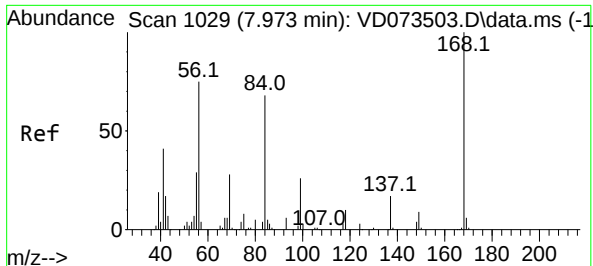
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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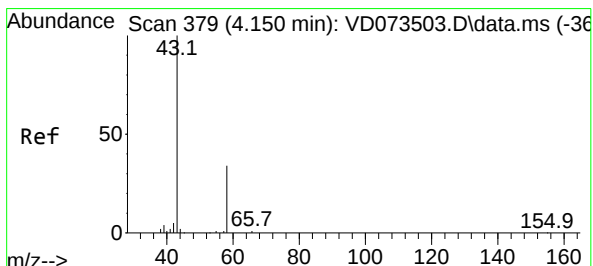
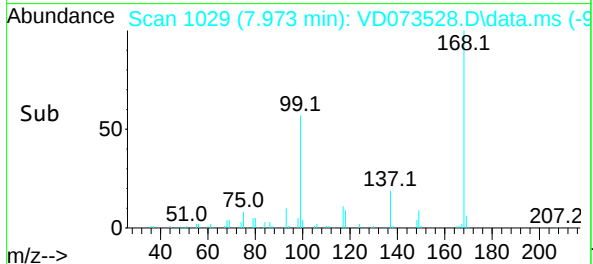
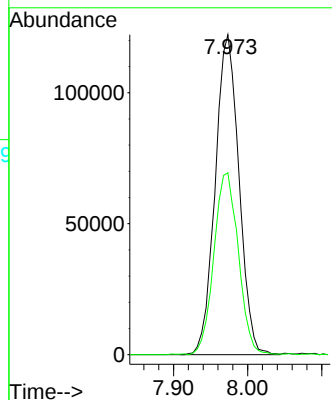
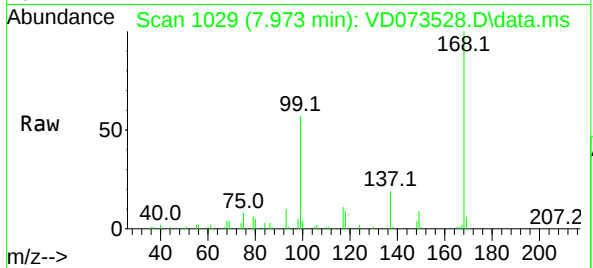




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073528.D
Acq: 10 Jun 2022 15:05

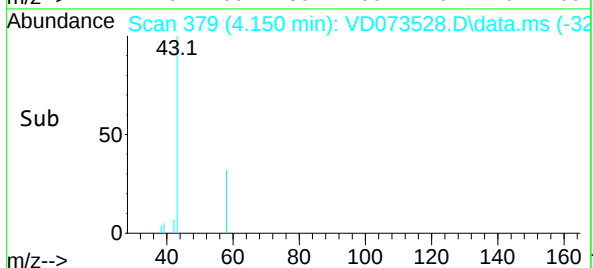
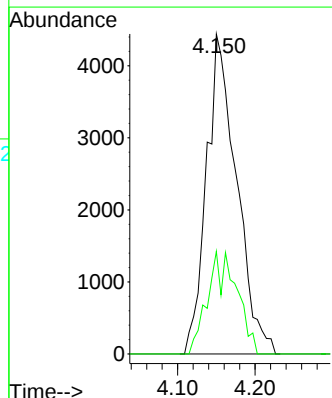
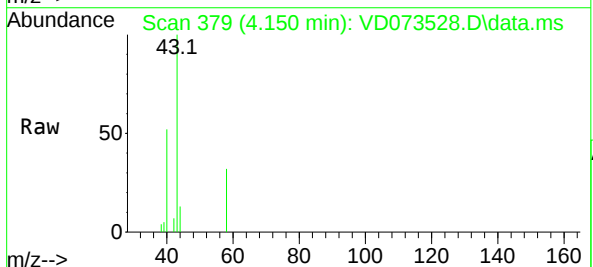
Instrument :
MSVOA_D
ClientSampleId :
NB-8-060822

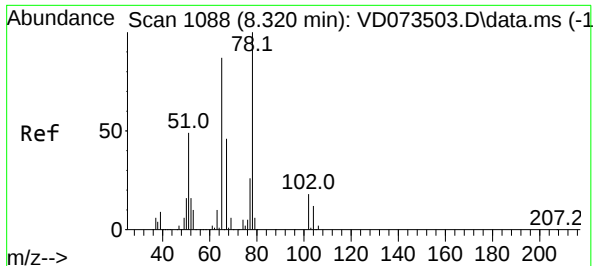
Tgt Ion:168 Resp: 272049
Ion Ratio Lower Upper
168 100
99 56.7 49.8 74.6



#16
Acetone
Concen: 23.311 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.000 min
Lab File: VD073528.D
Acq: 10 Jun 2022 15:05

Tgt Ion: 43 Resp: 11983
Ion Ratio Lower Upper
43 100
58 32.1 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 46.029 ug/l

RT: 8.326 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD073528.D

Acq: 10 Jun 2022 15:05

Instrument :

MSVOA_D

ClientSampleId :

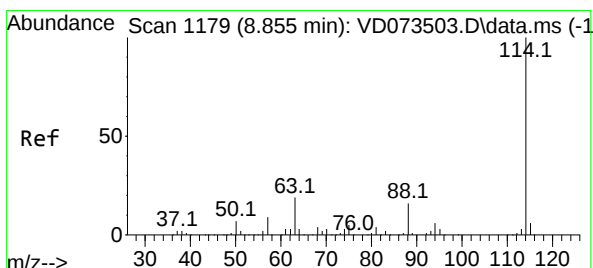
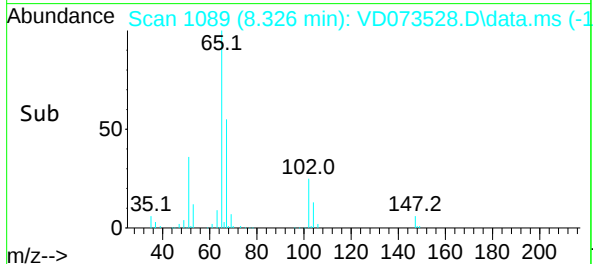
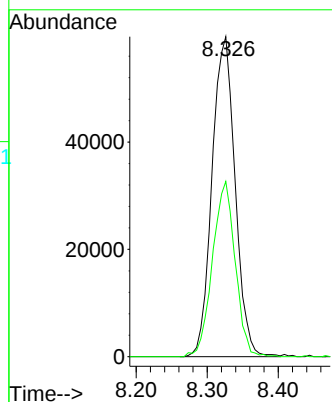
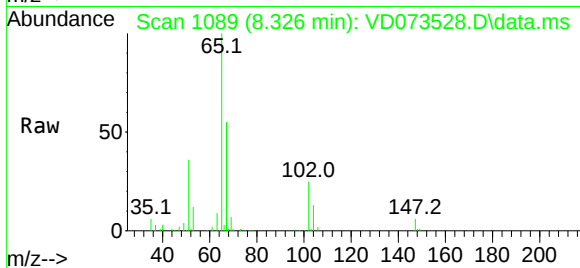
NB-8-060822

Tgt Ion: 65 Resp: 134378

Ion Ratio Lower Upper

65 100

67 53.9 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073528.D

Acq: 10 Jun 2022 15:05

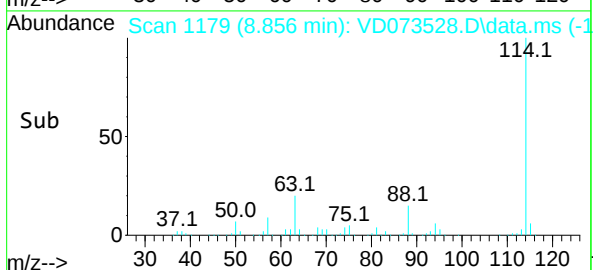
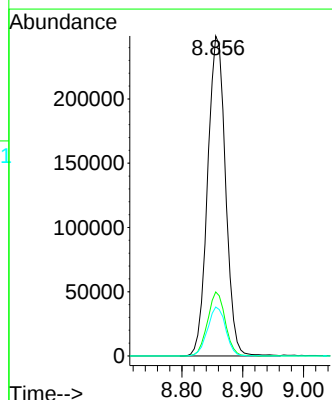
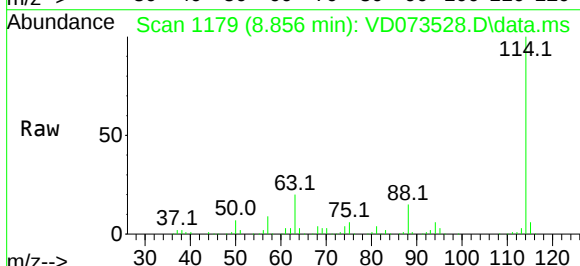
Tgt Ion: 114 Resp: 508732

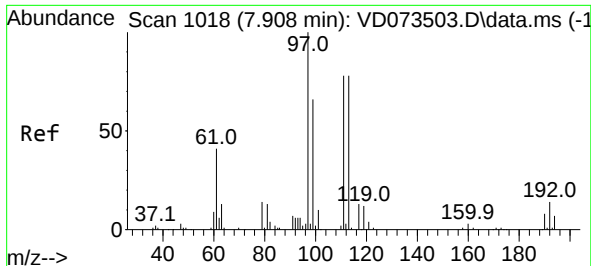
Ion Ratio Lower Upper

114 100

63 20.0 0.0 46.6

88 15.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.502 ug/l

RT: 7.903 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD073528.D

Acq: 10 Jun 2022 15:05

Instrument :

MSVOA_D

ClientSampleId :

NB-8-060822

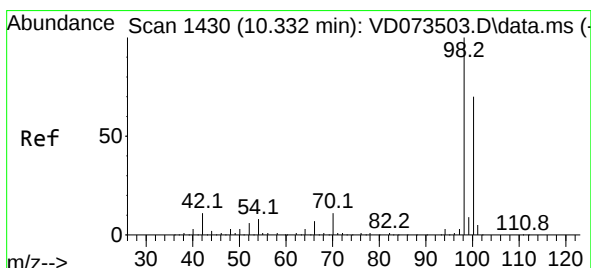
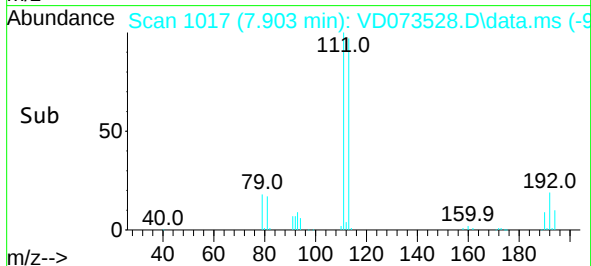
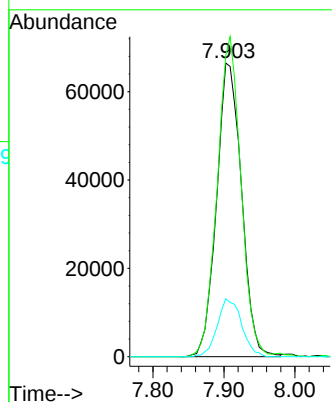
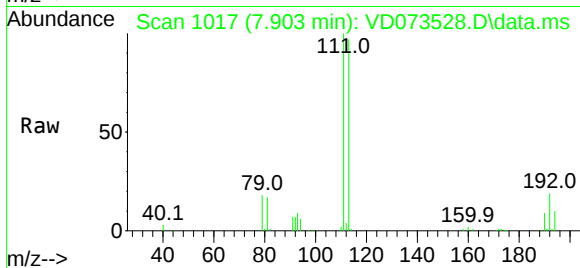
Tgt Ion:113 Resp: 161937

Ion Ratio Lower Upper

113 100

111 103.6 83.8 125.6

192 19.2 14.6 21.8



#50

Toluene-d8

Concen: 51.679 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073528.D

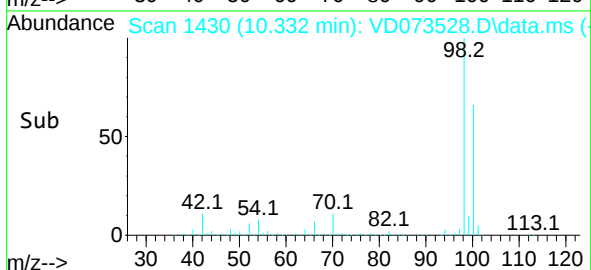
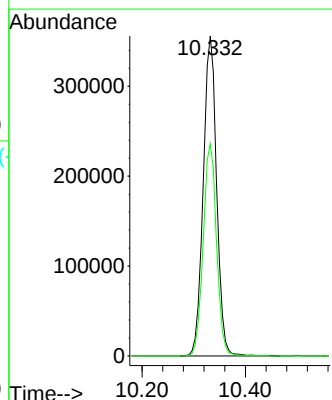
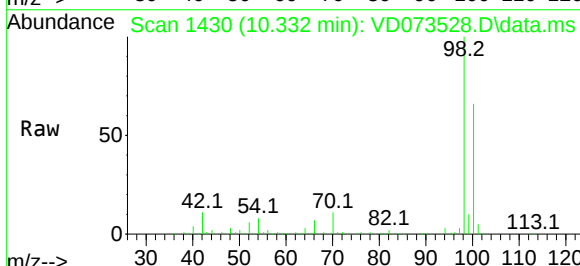
Acq: 10 Jun 2022 15:05

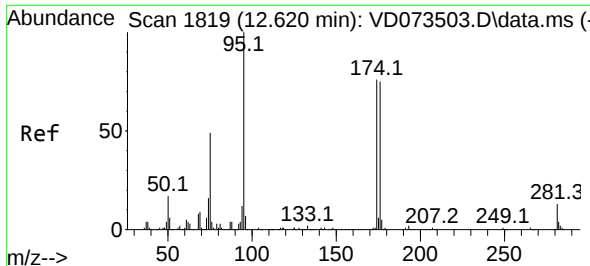
Tgt Ion: 98 Resp: 639191

Ion Ratio Lower Upper

98 100

100 66.2 52.4 78.6

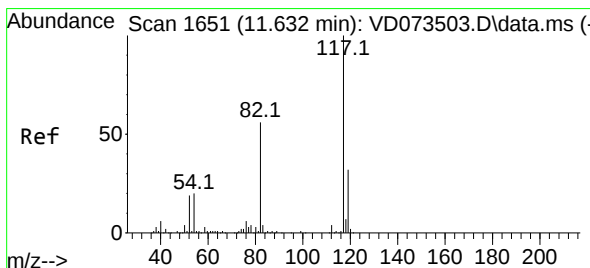
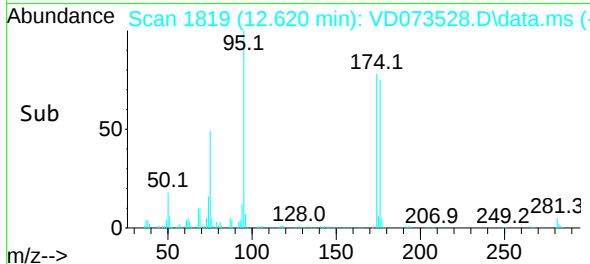
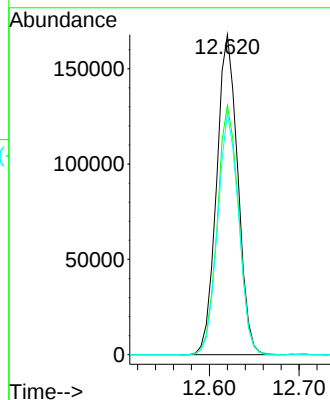
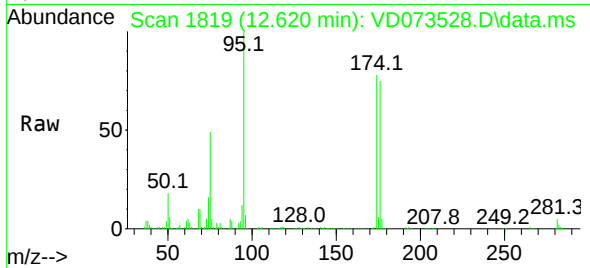




#62
4-Bromofluorobenzene
Concen: 61.237 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073528.D
Acq: 10 Jun 2022 15:05

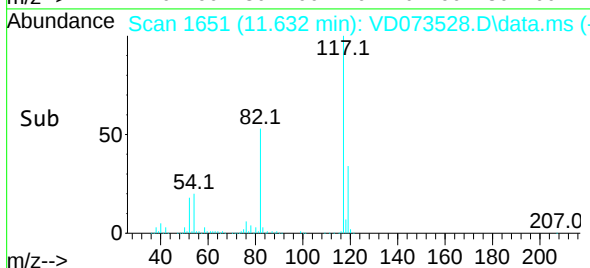
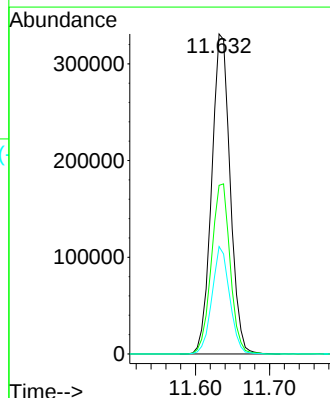
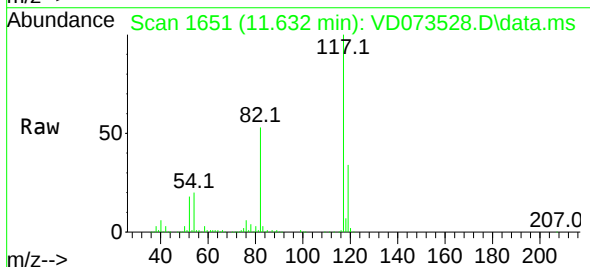
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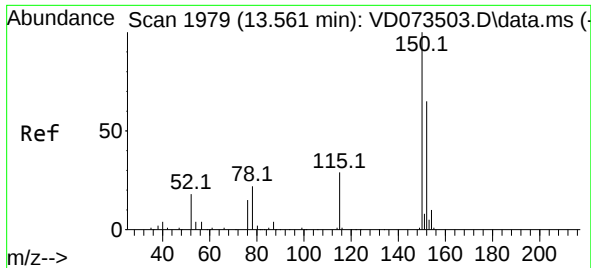
Tgt Ion: 95 Resp: 274960
Ion Ratio Lower Upper
95 100
174 78.5 0.0 152.8
176 74.9 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073528.D
Acq: 10 Jun 2022 15:05

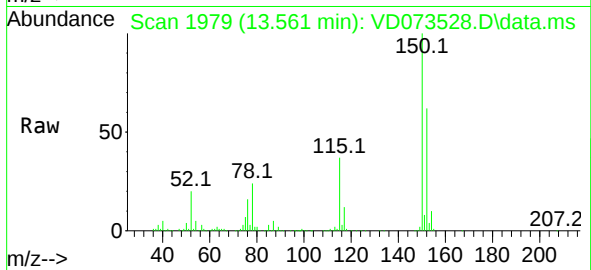
Tgt Ion: 117 Resp: 573186
Ion Ratio Lower Upper
117 100
82 52.7 45.3 67.9
119 33.6 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073528.D
 Acq: 10 Jun 2022 15:05

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-8-060822



Tgt Ion:152 Resp: 285790
 Ion Ratio Lower Upper
 152 100
 115 60.8 31.3 93.8
 150 158.7 0.0 348.6

