

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060622\
 Data File : VD073485.D
 Acq On : 06 Jun 2022 20:16
 Operator : VA/SY
 Sample : N3201-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 11939

Quant Time: Jun 07 01:14:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

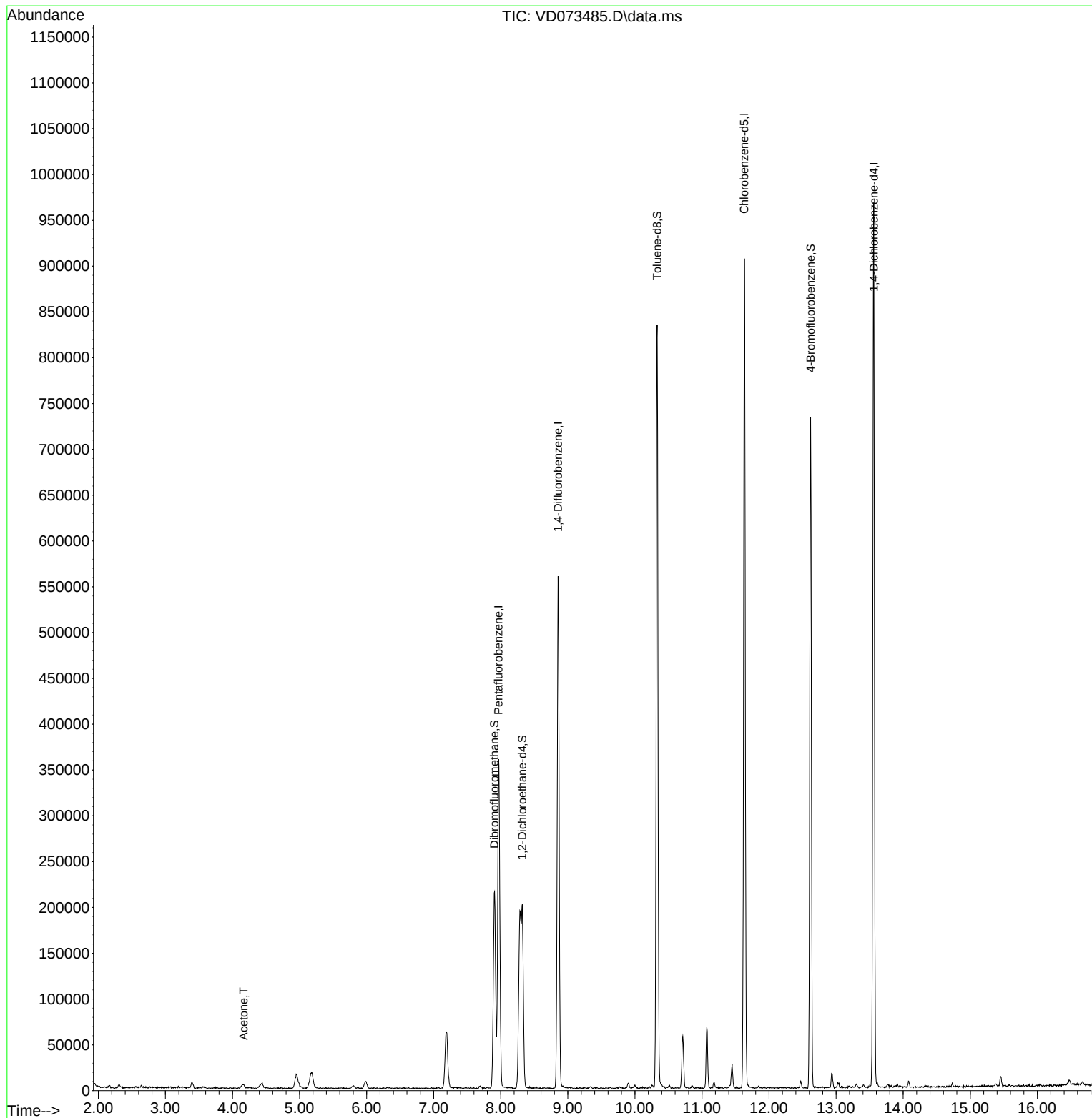
Internal Standards						
1) Pentafluorobenzene	7.967	168	264537	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	478690	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	529540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	257325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	138209	47.275	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.560%
35) Dibromofluoromethane	7.903	113	159536	50.507	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.020%
50) Toluene-d8	10.332	98	588832	50.570	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.140%
62) 4-Bromofluorobenzene	12.620	95	242864	59.434	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	118.860%
Target Compounds						
					Qvalue	
16) Acetone	4.167	43	8616	17.015	ug/l	94

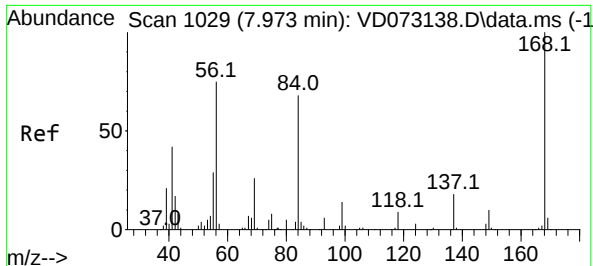
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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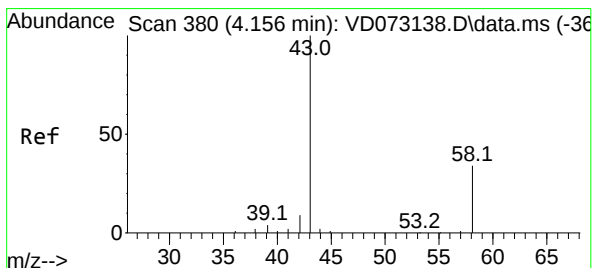
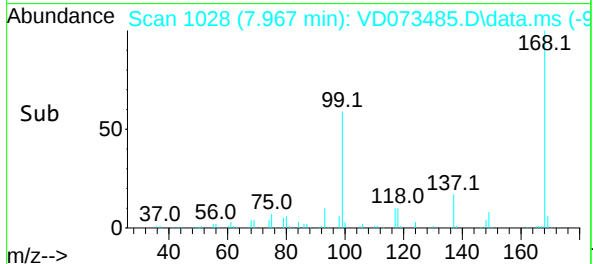
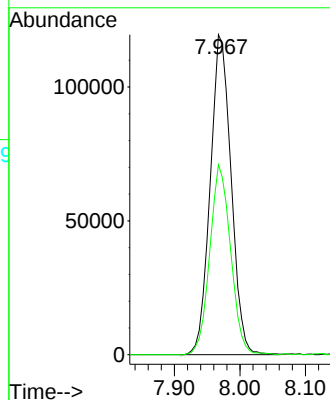
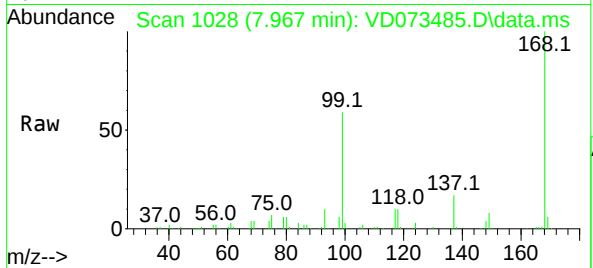




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073485.D
Acq: 06 Jun 2022 20:16

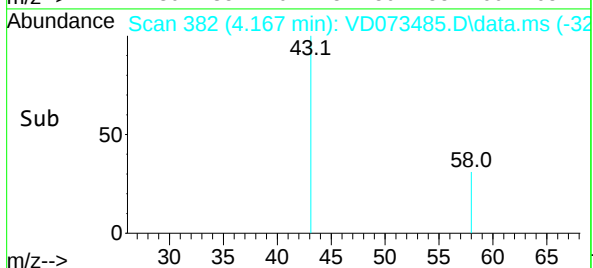
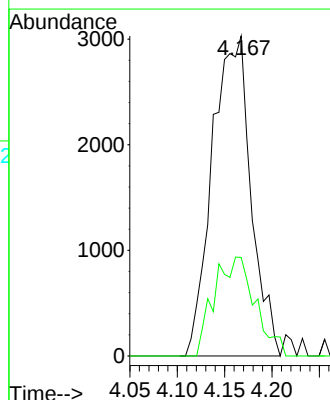
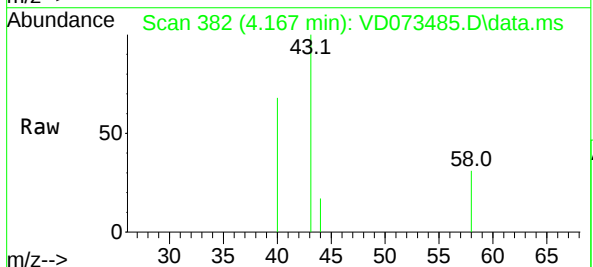
Instrument :
MSVOA_D
ClientSampleId :
11939

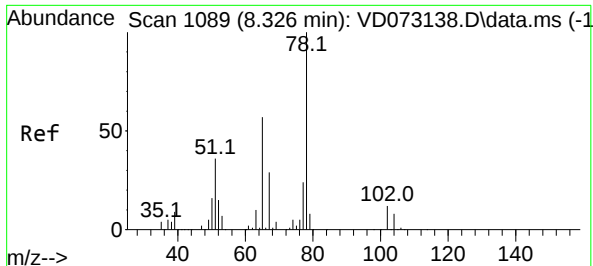
Tgt Ion:168 Resp: 264537
Ion Ratio Lower Upper
168 100
99 59.4 49.8 74.6



#16
Acetone
Concen: 17.015 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.011 min
Lab File: VD073485.D
Acq: 06 Jun 2022 20:16

Tgt Ion: 43 Resp: 8616
Ion Ratio Lower Upper
43 100
58 30.8 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 47.275 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD073485.D

Acq: 06 Jun 2022 20:16

Instrument :

MSVOA_D

ClientSampleId :

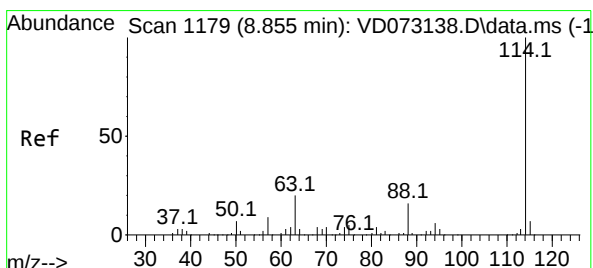
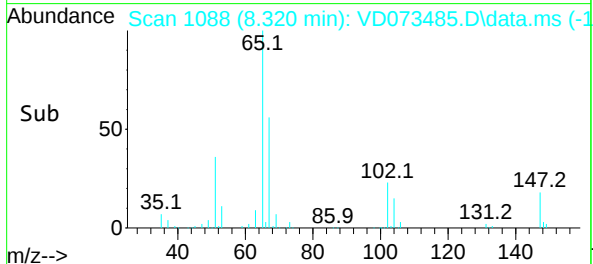
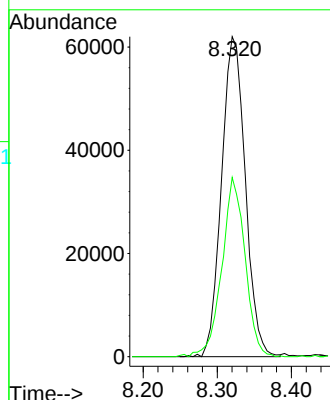
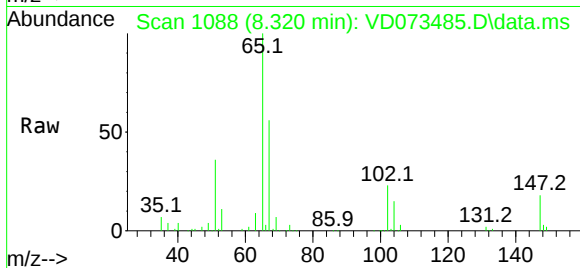
11939

Tgt Ion: 65 Resp: 138209

Ion Ratio Lower Upper

65 100

67 54.6 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073485.D

Acq: 06 Jun 2022 20:16

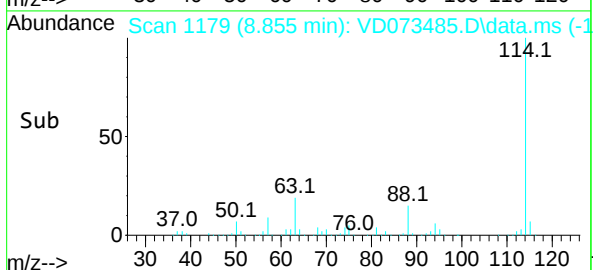
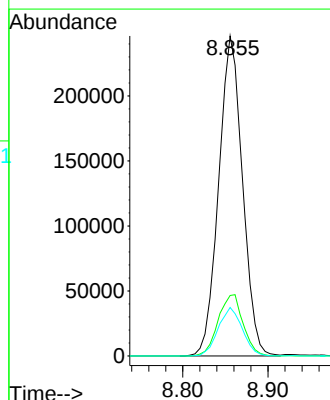
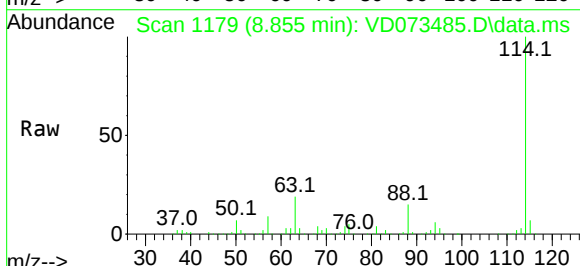
Tgt Ion: 114 Resp: 478690

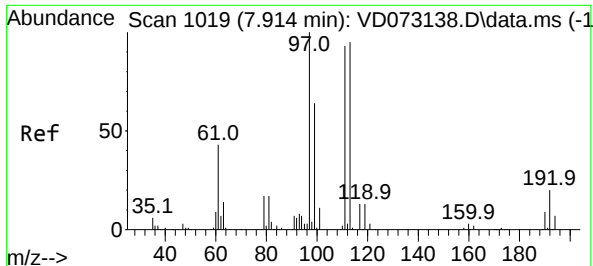
Ion Ratio Lower Upper

114 100

63 18.9 0.0 46.6

88 15.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.507 ug/l

RT: 7.903 min Scan# 1019

Delta R.T. -0.011 min

Lab File: VD073485.D

Acq: 06 Jun 2022 20:16

Instrument :

MSVOA_D

ClientSampleId :

11939

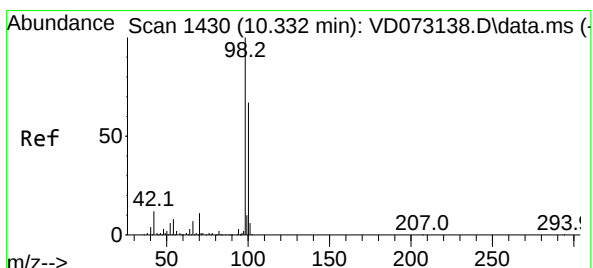
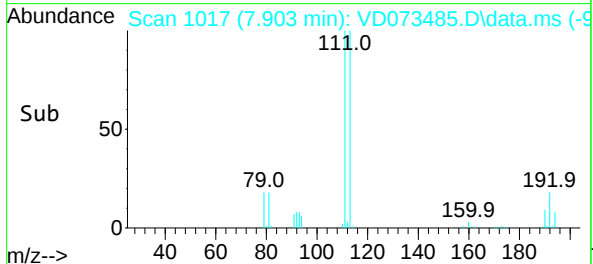
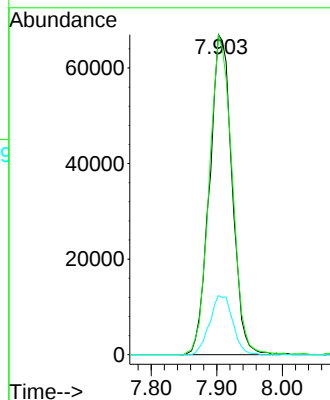
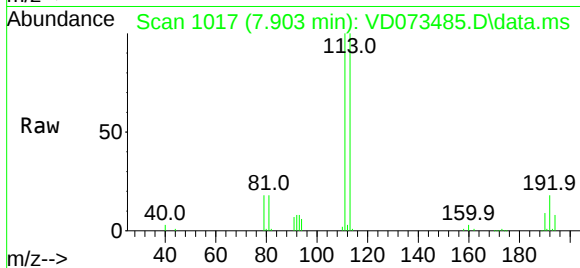
Tgt Ion:113 Resp: 159536

Ion Ratio Lower Upper

113 100

111 101.3 83.8 125.6

192 18.9 14.6 21.8



#50

Toluene-d8

Concen: 50.570 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073485.D

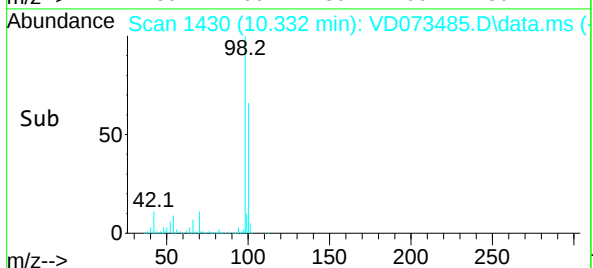
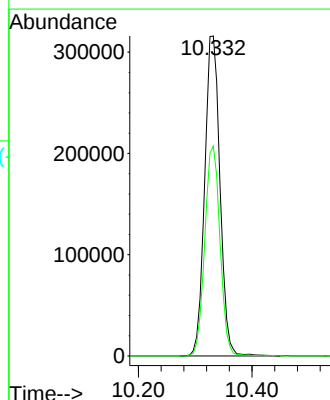
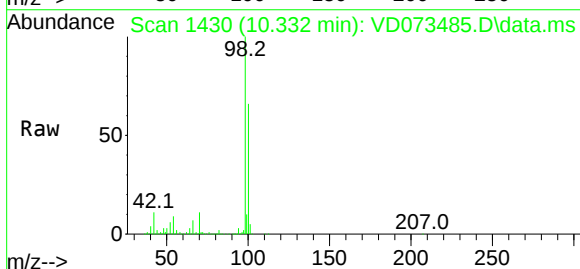
Acq: 06 Jun 2022 20:16

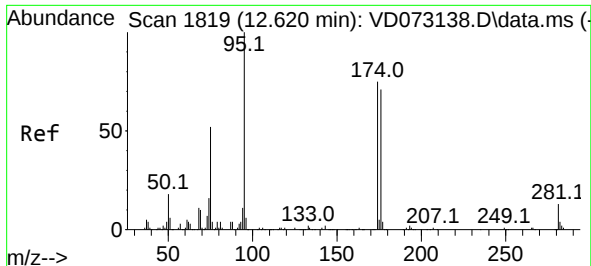
Tgt Ion: 98 Resp: 588832

Ion Ratio Lower Upper

98 100

100 65.3 52.4 78.6

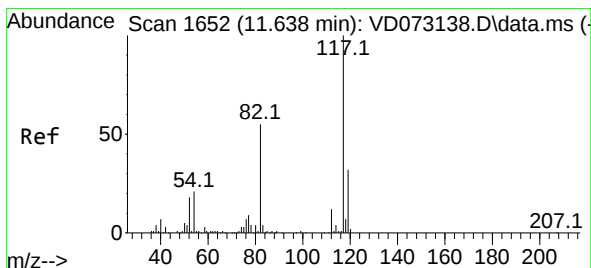
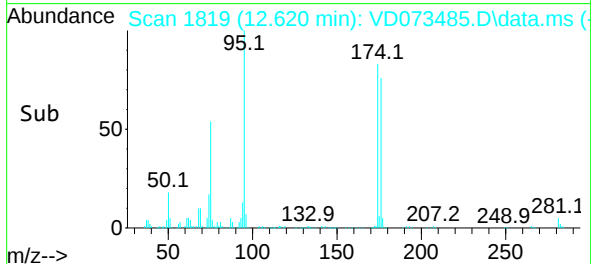
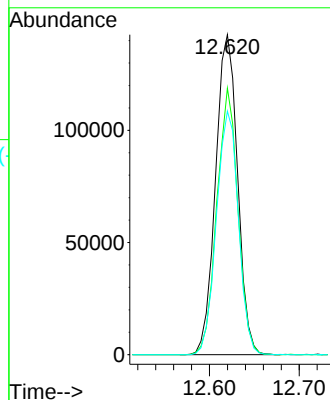
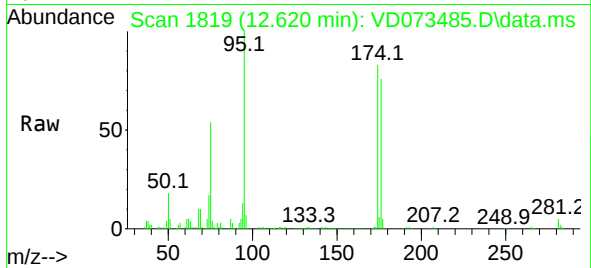




#62
4-Bromofluorobenzene
Concen: 59.434 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073485.D
Acq: 06 Jun 2022 20:16

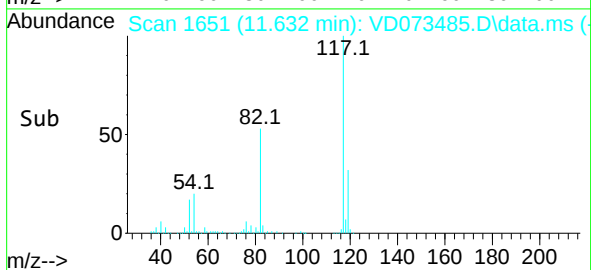
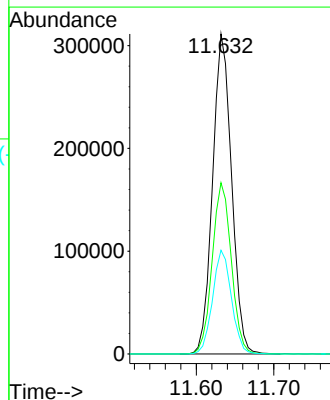
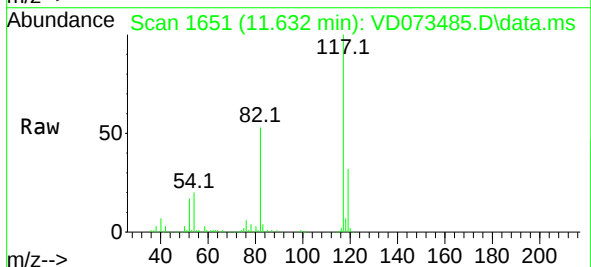
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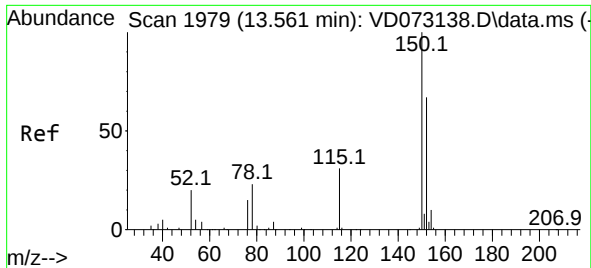
Tgt Ion: 95 Resp: 242864
Ion Ratio Lower Upper
95 100
174 79.7 0.0 152.8
176 75.8 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073485.D
Acq: 06 Jun 2022 20:16

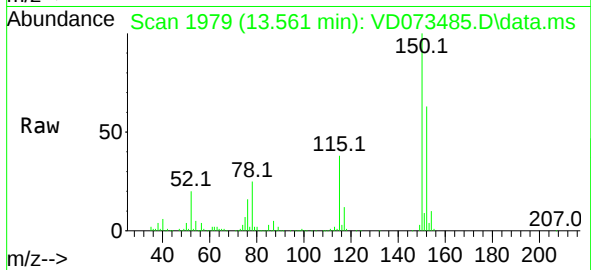
Tgt Ion: 117 Resp: 529540
Ion Ratio Lower Upper
117 100
82 53.5 45.3 67.9
119 32.4 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073485.D
 Acq: 06 Jun 2022 20:16

Instrument :
 MSVOA_D
 ClientSampleId :
 11939



Tgt Ion:152 Resp: 257325
 Ion Ratio Lower Upper
 152 100
 115 61.1 31.3 93.8
 150 158.2 0.0 348.6

