

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122121\
 Data File : VD071419.D
 Acq On : 21 Dec 2021 19:12
 Operator : VA/SY
 Sample : M5182-04
 Misc : 5.94G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HB-3-(10-15)-12-17-21

Quant Time: Dec 21 20:01:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

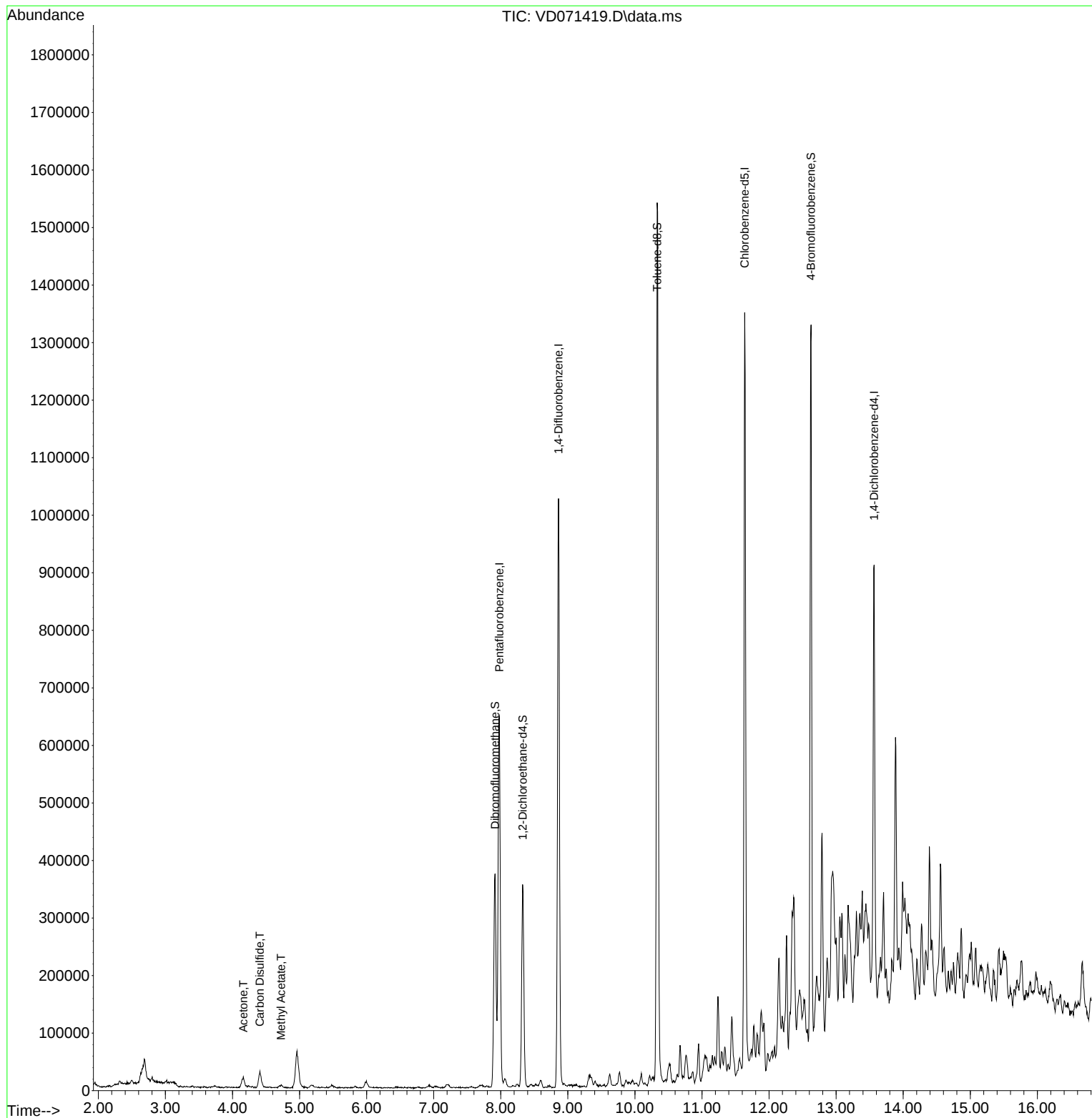
Internal Standards						
1) Pentafluorobenzene	7.979	168	459786	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	825292	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	699167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	191524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	278124	51.552	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.100%
35) Dibromofluoromethane	7.914	113	259215	49.324	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.640%
50) Toluene-d8	10.332	98	1022082	51.106	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.220%
62) 4-Bromofluorobenzene	12.626	95	287898	41.529	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.060%
Target Compounds						
						Qvalue
16) Acetone	4.162	43	32024	50.396	ug/l	94
17) Carbon Disulfide	4.409	76	54218	4.338	ug/l #	94
18) Methyl Acetate	4.726	43	9357	2.351	ug/l #	70

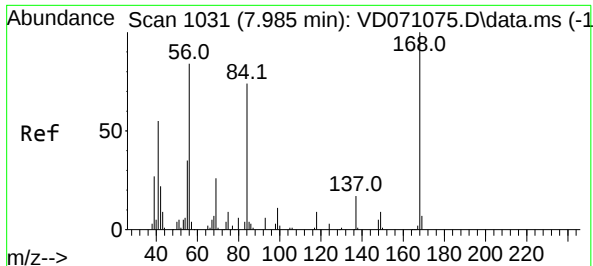
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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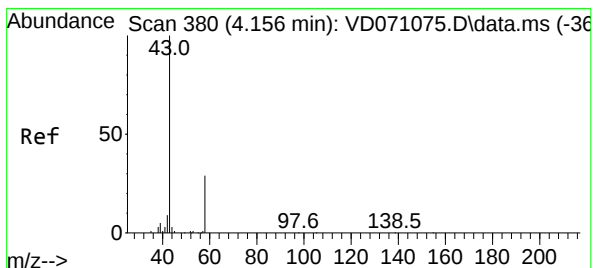
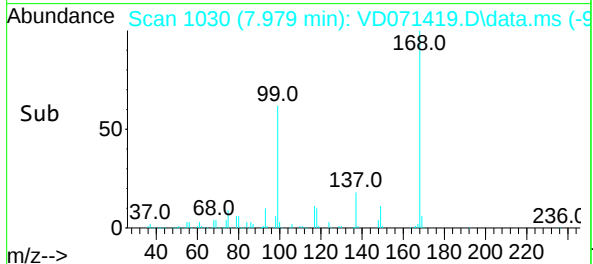
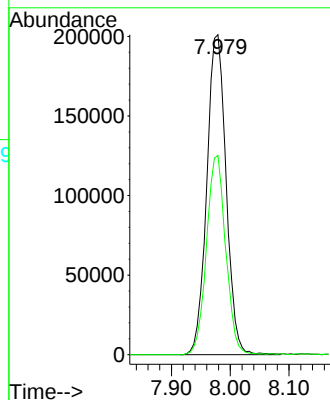
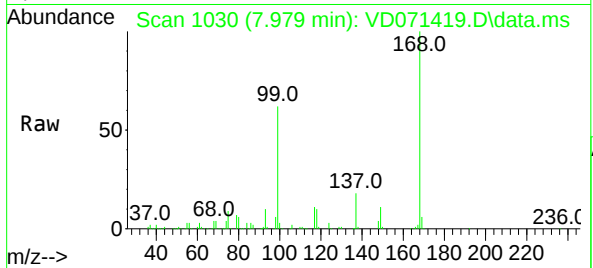




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071419.D
Acq: 21 Dec 2021 19:12

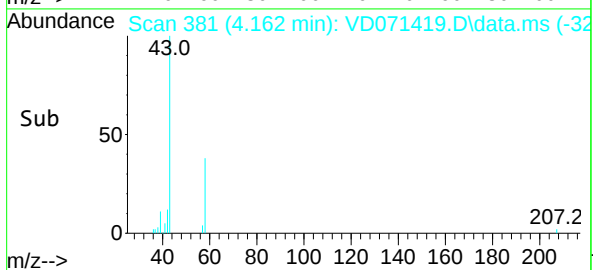
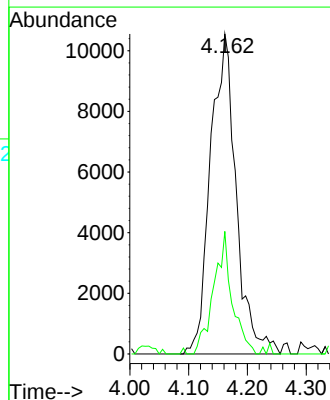
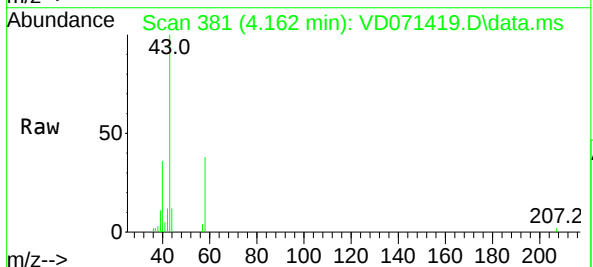
Instrument :
MSVOA_D
ClientSampleId :
HB-3-(10-15)-12-17-21

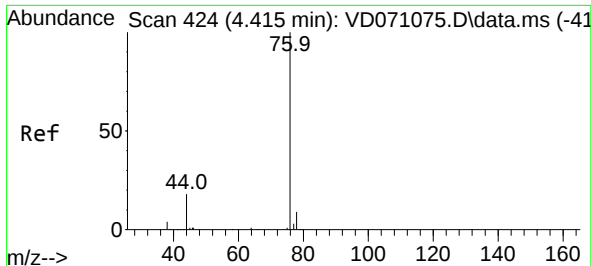
Tgt Ion:168 Resp: 459786
Ion Ratio Lower Upper
168 100
99 62.2 46.6 69.8



#16
Acetone
Concen: 50.396 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071419.D
Acq: 21 Dec 2021 19:12

Tgt Ion: 43 Resp: 32024
Ion Ratio Lower Upper
43 100
58 38.3 27.8 41.8

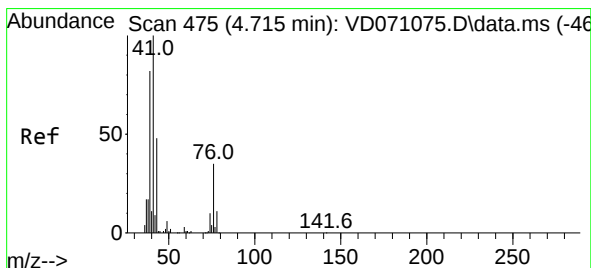
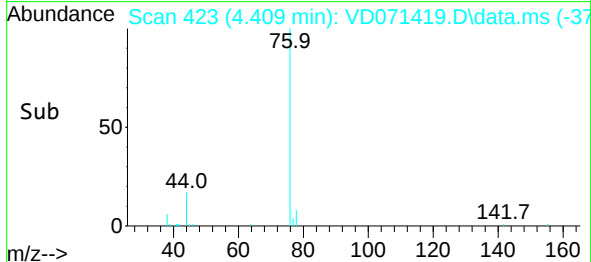
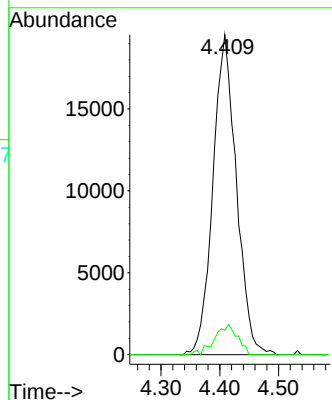
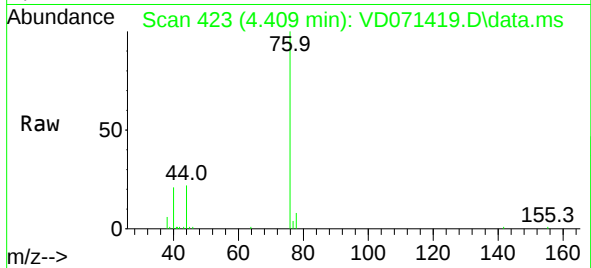




#17
Carbon Disulfide
Concen: 4.338 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD071419.D
Acq: 21 Dec 2021 19:12

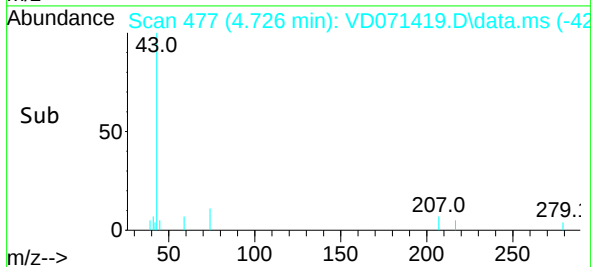
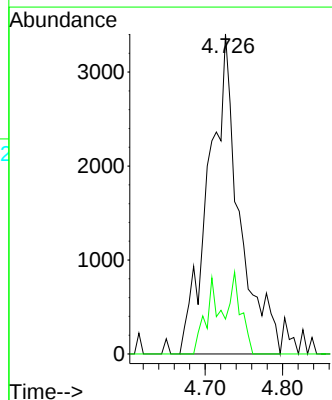
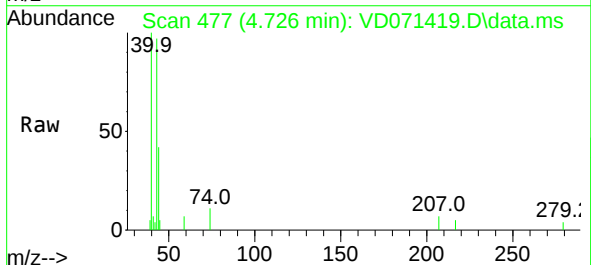
Instrument :
MSVOA_D
ClientSampleId :
HB-3-(10-15)-12-17-21

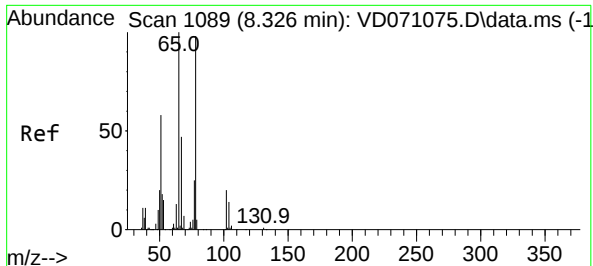
Tgt Ion: 76 Resp: 54218
Ion Ratio Lower Upper
76 100
78 7.6 7.8 11.8#



#18
Methyl Acetate
Concen: 2.351 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.011 min
Lab File: VD071419.D
Acq: 21 Dec 2021 19:12

Tgt Ion: 43 Resp: 9357
Ion Ratio Lower Upper
43 100
74 9.3 19.3 28.9#





#33

1,2-Dichloroethane-d4

Concen: 51.552 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071419.D

Acq: 21 Dec 2021 19:12

Instrument :

MSVOA_D

ClientSampleId :

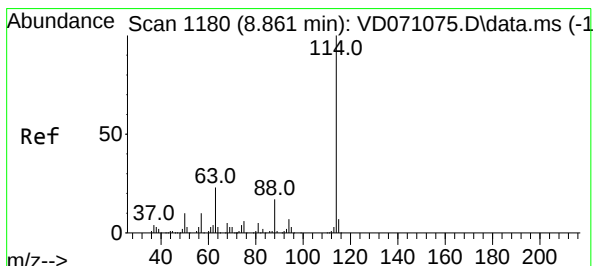
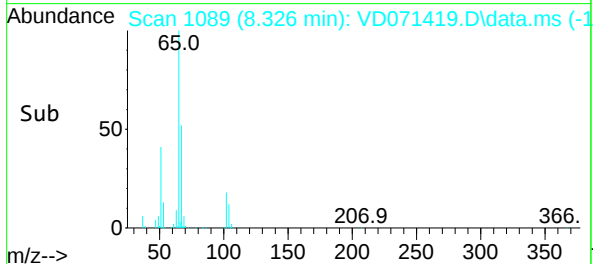
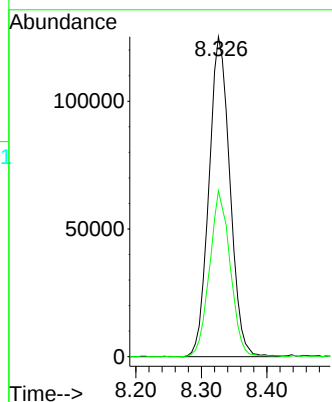
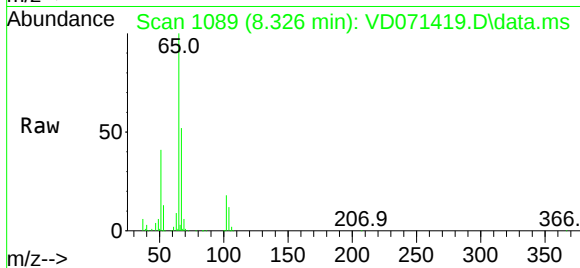
HB-3-(10-15)-12-17-21

Tgt Ion: 65 Resp: 278124

Ion Ratio Lower Upper

65 100

67 51.1 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071419.D

Acq: 21 Dec 2021 19:12

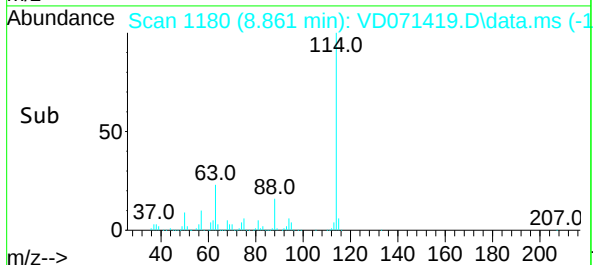
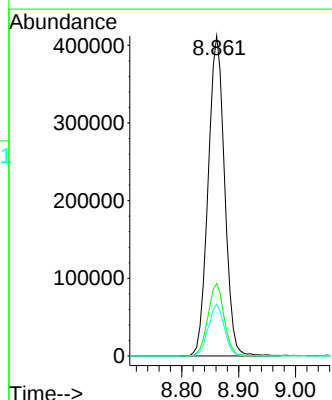
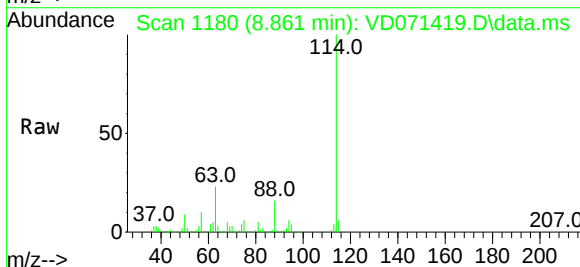
Tgt Ion: 114 Resp: 825292

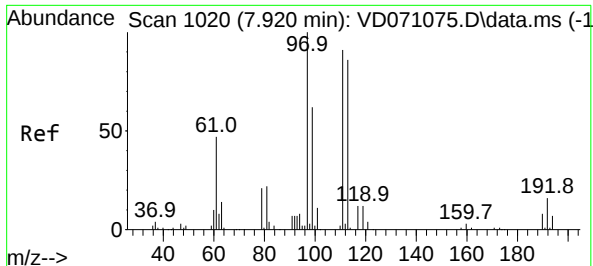
Ion Ratio Lower Upper

114 100

63 22.6 0.0 41.8

88 16.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.324 ug/l

RT: 7.914 min Scan# 10

Delta R.T. -0.006 min

Lab File: VD071419.D

Acq: 21 Dec 2021 19:12

Instrument :

MSVOA_D

ClientSampleId :

HB-3-(10-15)-12-17-21

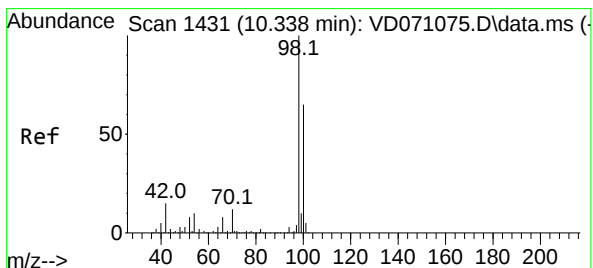
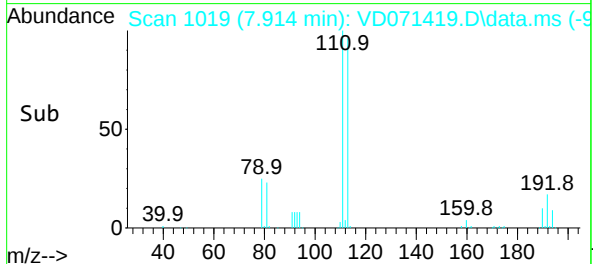
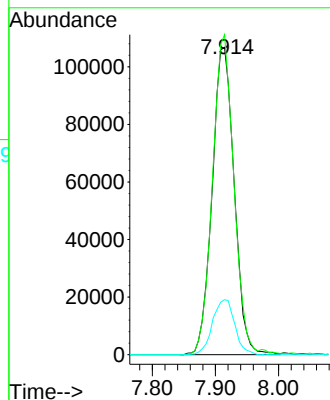
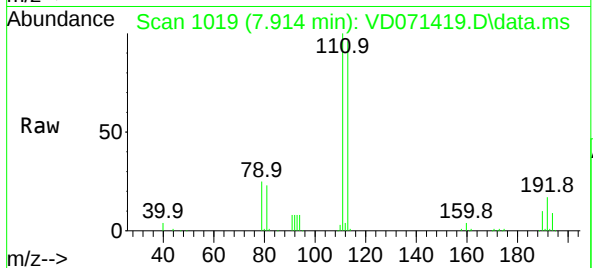
Tgt Ion:113 Resp: 259215

Ion Ratio Lower Upper

113 100

111 101.5 82.0 123.0

192 18.1 15.2 22.8



#50

Toluene-d8

Concen: 51.106 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VD071419.D

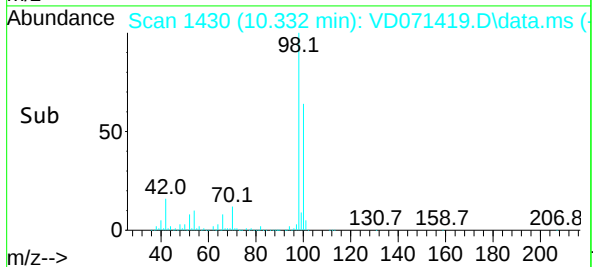
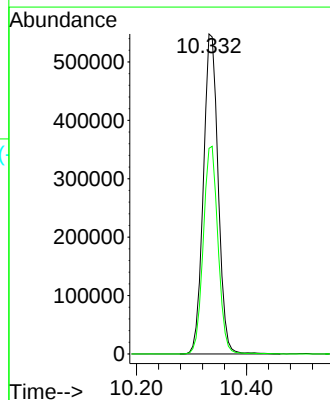
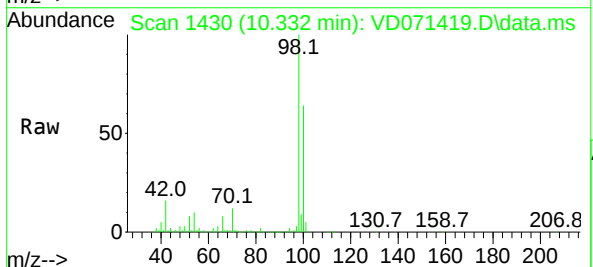
Acq: 21 Dec 2021 19:12

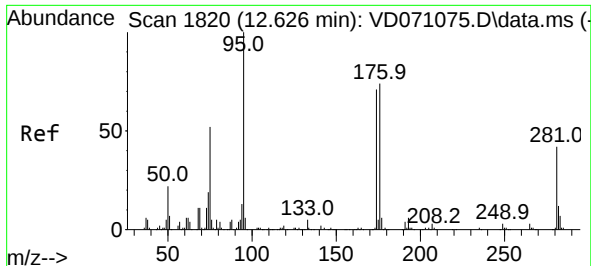
Tgt Ion: 98 Resp: 1022082

Ion Ratio Lower Upper

98 100

100 64.6 51.8 77.6

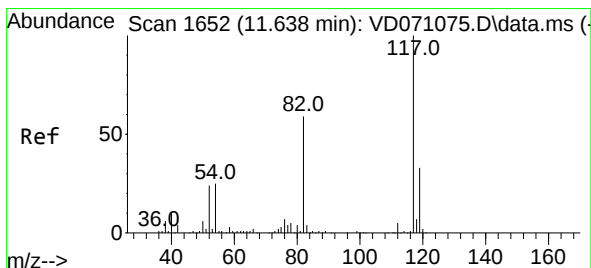
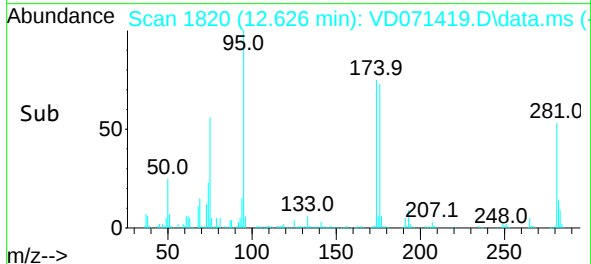
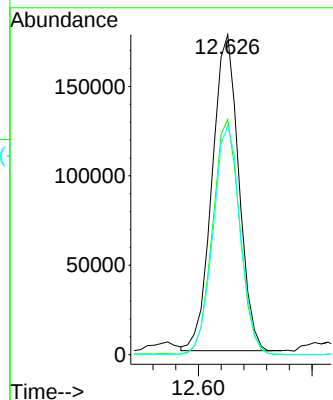
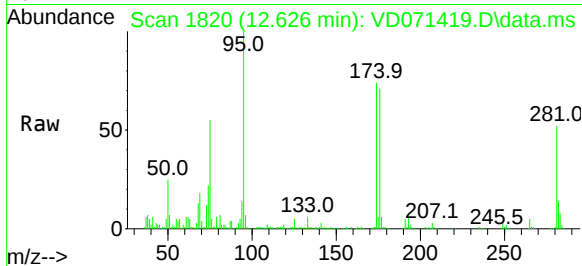




#62
4-Bromofluorobenzene
Concen: 41.529 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071419.D
Acq: 21 Dec 2021 19:12

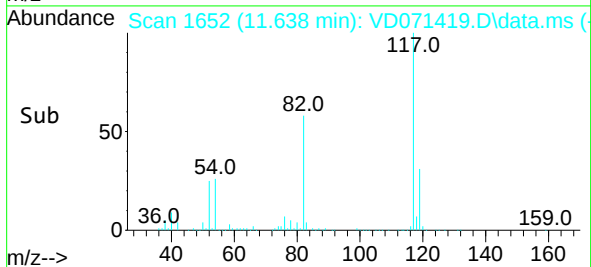
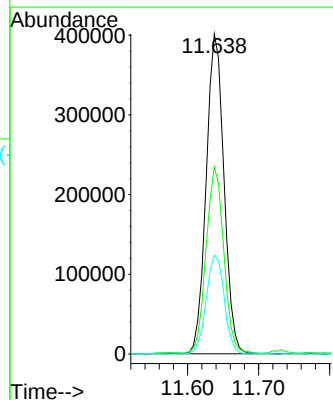
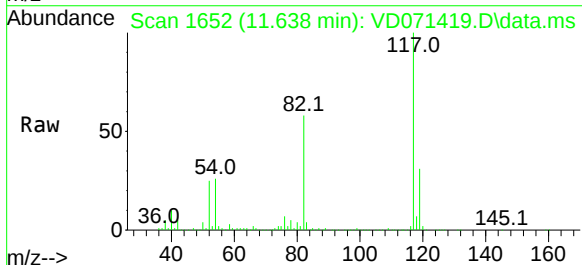
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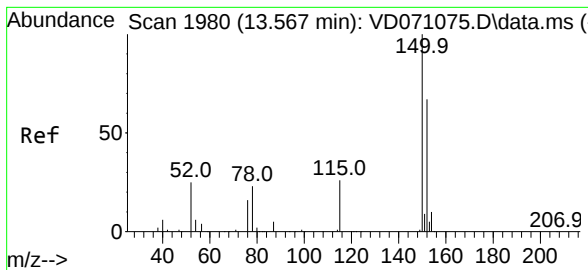
Tgt Ion: 95 Resp: 287898
Ion Ratio Lower Upper
95 100
174 75.5 0.0 159.4
176 74.0 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071419.D
Acq: 21 Dec 2021 19:12

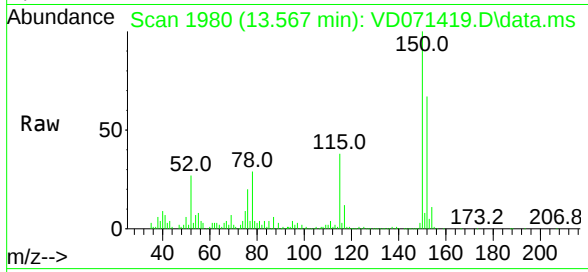
Tgt Ion: 117 Resp: 699167
Ion Ratio Lower Upper
117 100
82 58.0 44.7 67.1
119 30.8 26.2 39.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 19
 Delta R.T. -0.000 min
 Lab File: VD071419.D
 Acq: 21 Dec 2021 19:12

Instrument : MSVOA_D
 ClientSampleId : HB-3-(10-15)-12-17-21



Tgt Ion:	152	Resp:	191524
Ion	Ratio	Lower	Upper
152	100		
115	60.3	29.8	89.3
150	152.5	0.0	349.2

