

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020122\
 Data File : VD071866.D
 Acq On : 01 Feb 2022 12:23
 Operator : VA/SY
 Sample : N1340-02
 Misc : 6.88G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2(1-1.5)

Quant Time: Feb 02 07:05:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

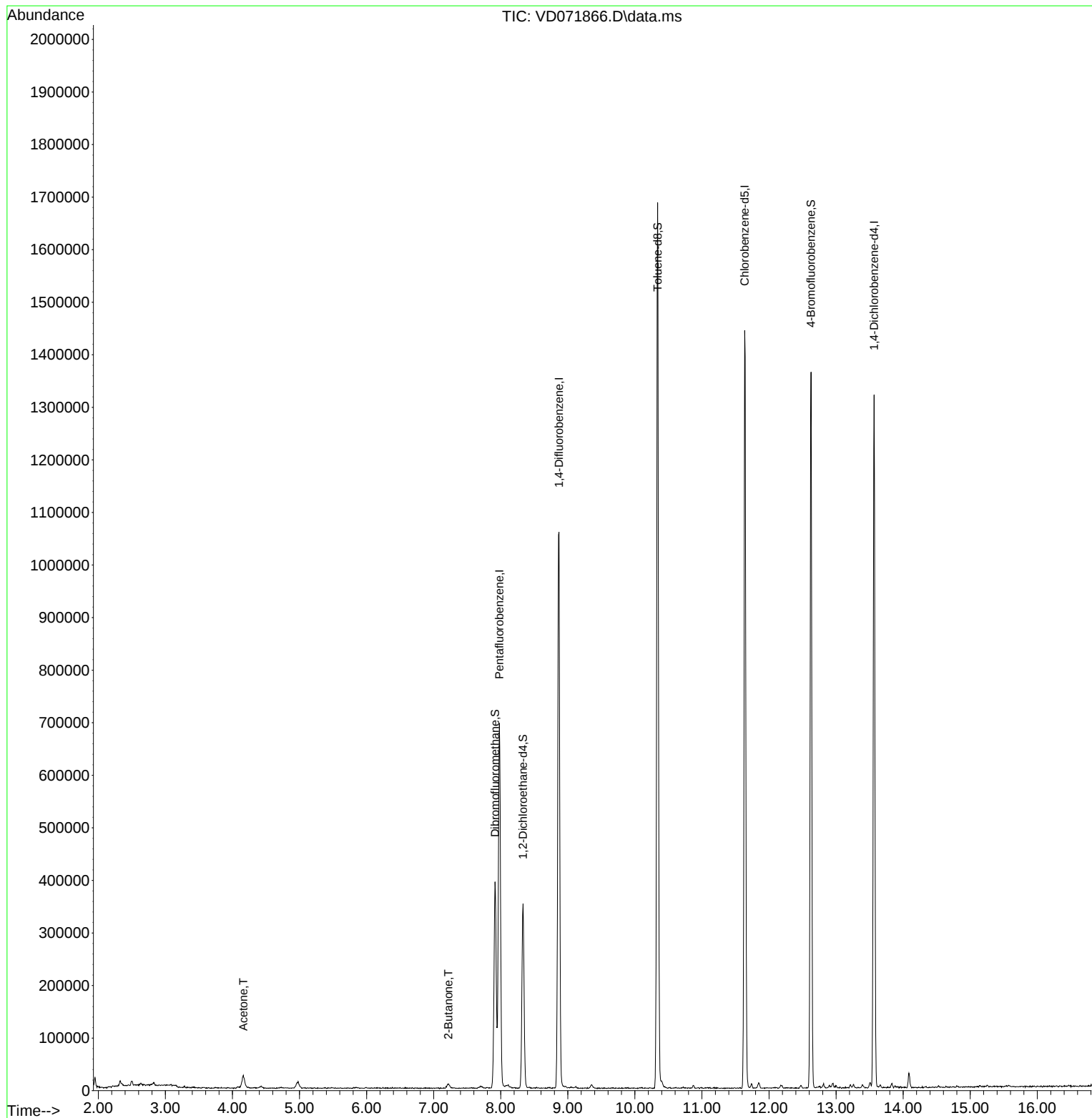
Internal Standards						
1) Pentafluorobenzene	7.979	168	476955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	868586	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	786410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	331398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	281409	46.680	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.360%
35) Dibromofluoromethane	7.914	113	275918	48.326	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.660%
50) Toluene-d8	10.338	98	1100426	51.608	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.220%
62) 4-Bromofluorobenzene	12.626	95	345841	46.445	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.900%
Target Compounds						
					Qvalue	
16) Acetone	4.162	43	43655	26.454	ug/l	97
25) 2-Butanone	7.220	43	11871	6.171	ug/l #	76

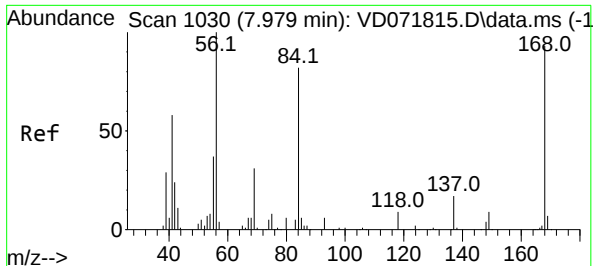
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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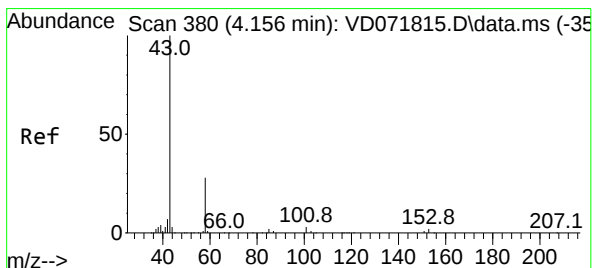
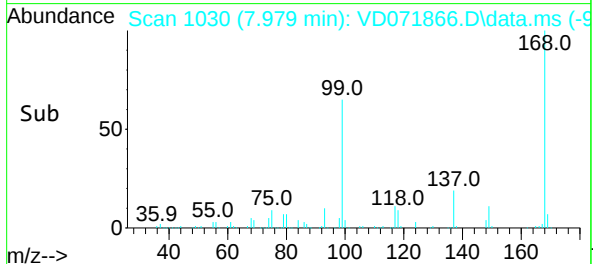
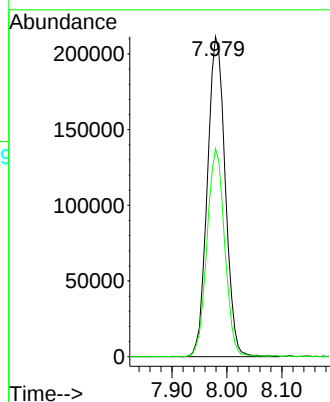
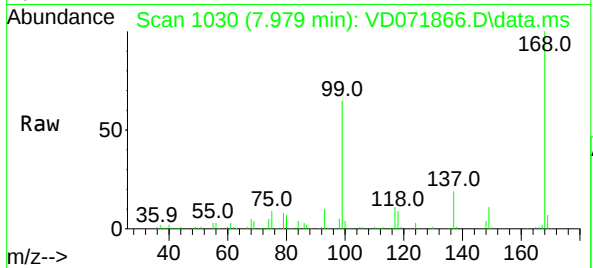




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071866.D
Acq: 01 Feb 2022 12:23

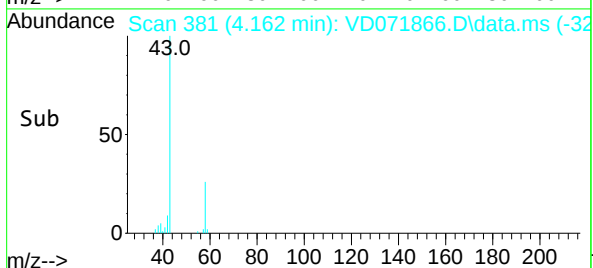
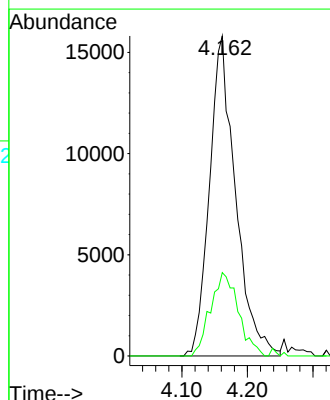
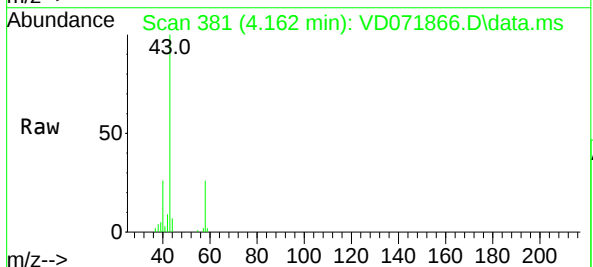
Instrument :
MSVOA_D
ClientSampleId :
SB-2(1-1.5)

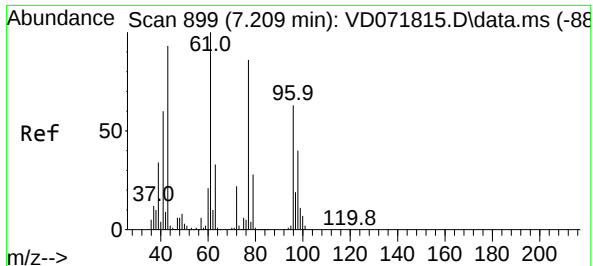
Tgt Ion:168 Resp: 476955
Ion Ratio Lower Upper
168 100
99 64.9 49.8 74.6



#16
Acetone
Concen: 26.454 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071866.D
Acq: 01 Feb 2022 12:23

Tgt Ion: 43 Resp: 43655
Ion Ratio Lower Upper
43 100
58 26.1 22.1 33.1





#25

2-Butanone

Concen: 6.171 ug/l

RT: 7.220 min Scan# 901

Delta R.T. 0.006 min

Lab File: VD071866.D

Acq: 01 Feb 2022 12:23

Instrument :

MSVOA_D

ClientSampleId :

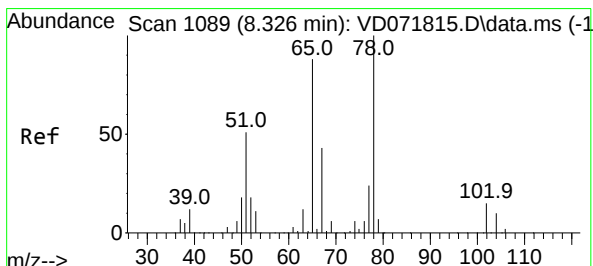
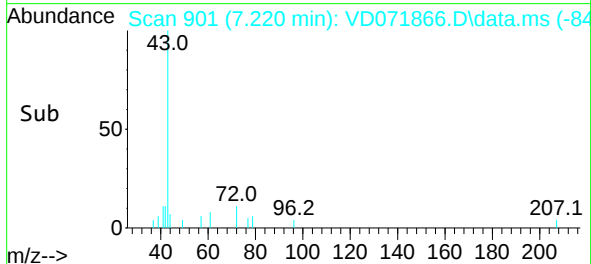
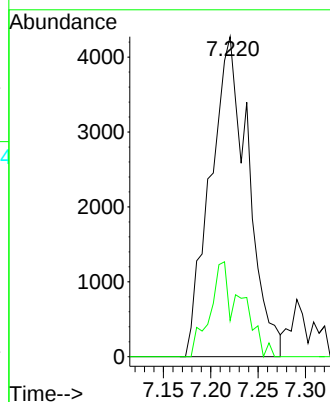
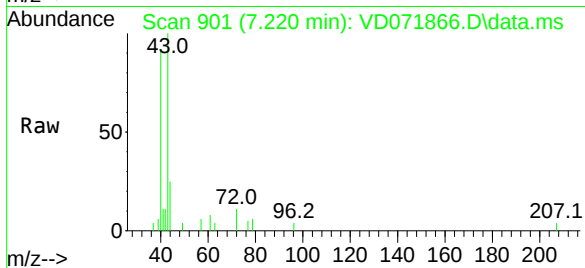
SB-2(1-1.5)

Tgt Ion: 43 Resp: 11871

Ion Ratio Lower Upper

43 100

72 11.3 18.6 27.8#



#33

1,2-Dichloroethane-d4

Concen: 46.680 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD071866.D

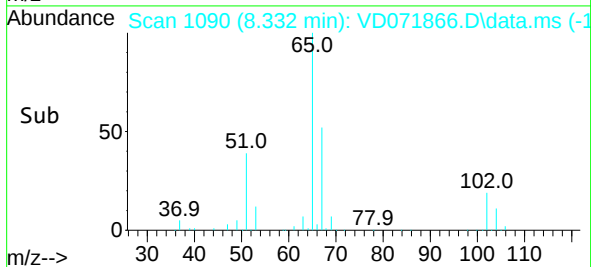
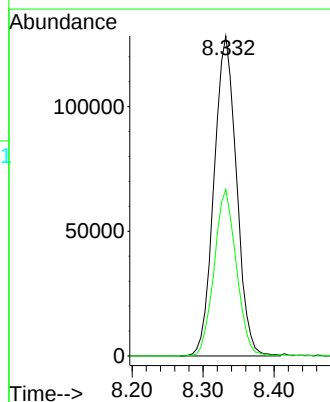
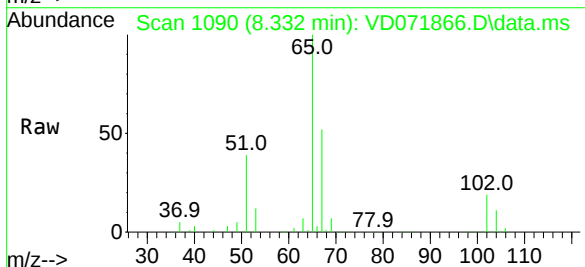
Acq: 01 Feb 2022 12:23

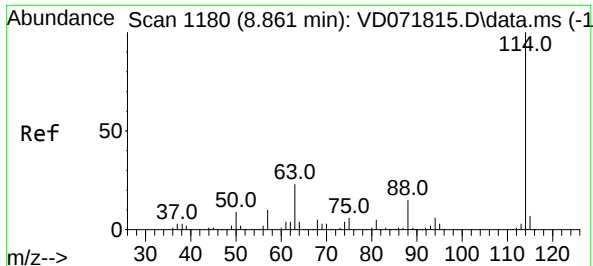
Tgt Ion: 65 Resp: 281409

Ion Ratio Lower Upper

65 100

67 51.3 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD071866.D

Acq: 01 Feb 2022 12:23

Instrument :

MSVOA_D

ClientSampleId :

SB-2(1-1.5)

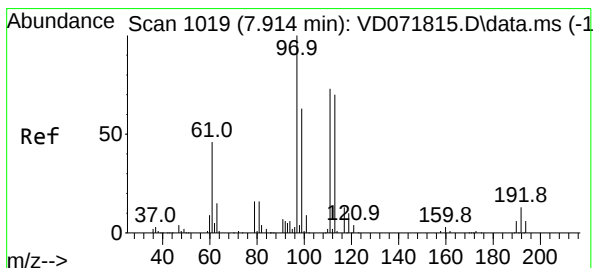
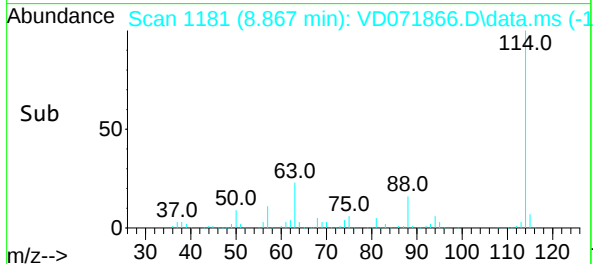
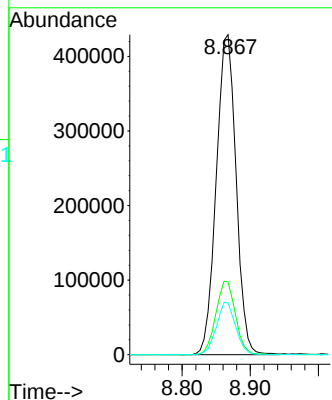
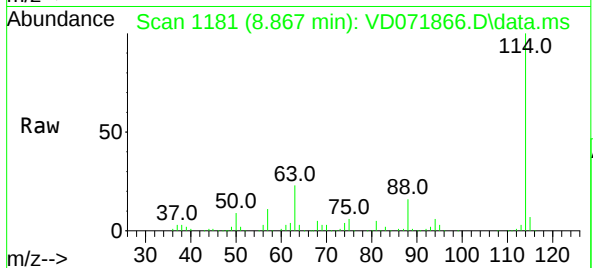
Tgt Ion:114 Resp: 868586

Ion Ratio Lower Upper

114 100

63 22.8 0.0 46.6

88 16.2 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.326 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071866.D

Acq: 01 Feb 2022 12:23

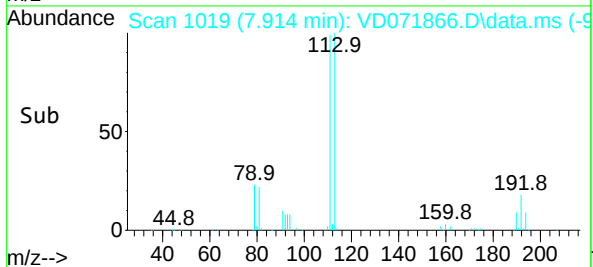
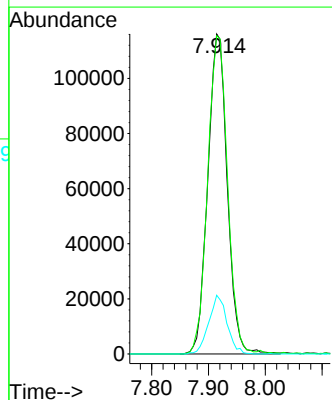
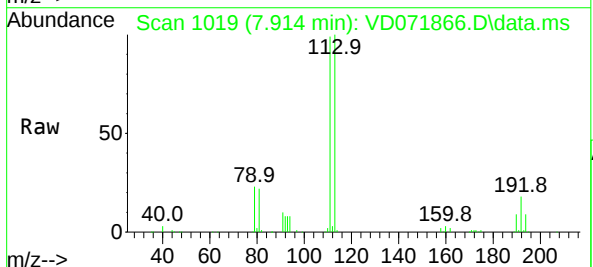
Tgt Ion:113 Resp: 275918

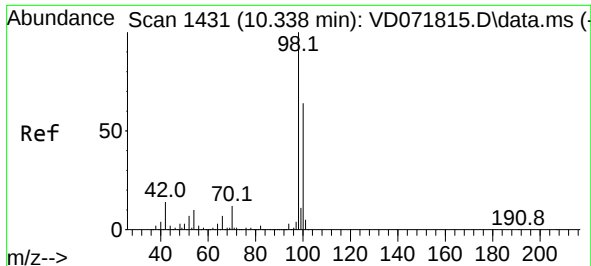
Ion Ratio Lower Upper

113 100

111 101.4 83.8 125.6

192 17.2 14.6 21.8

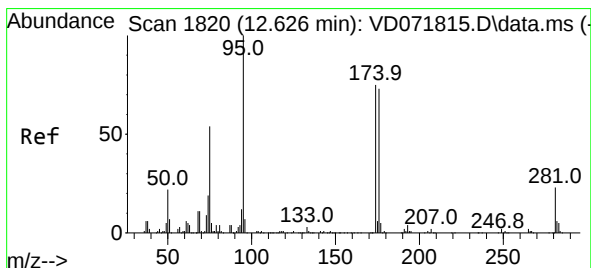
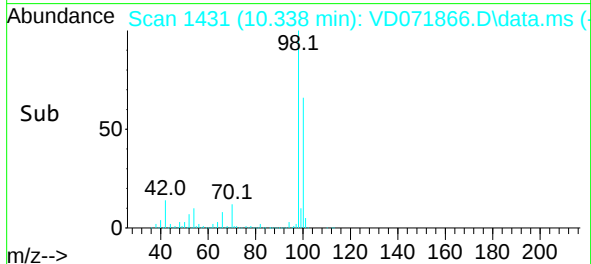
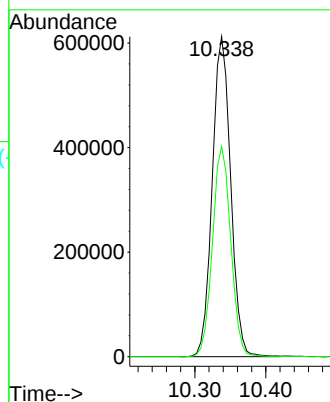
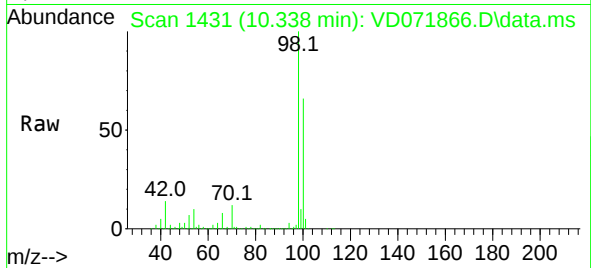




#50
Toluene-d8
Concen: 51.608 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071866.D
Acq: 01 Feb 2022 12:23

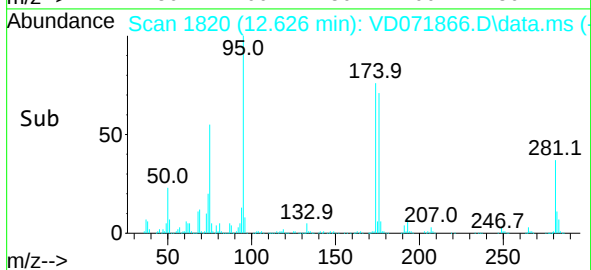
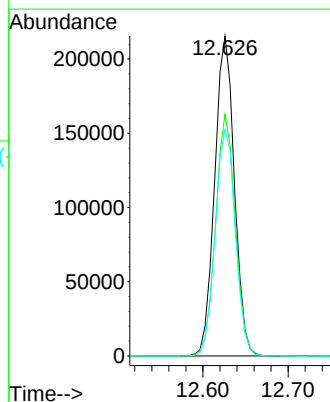
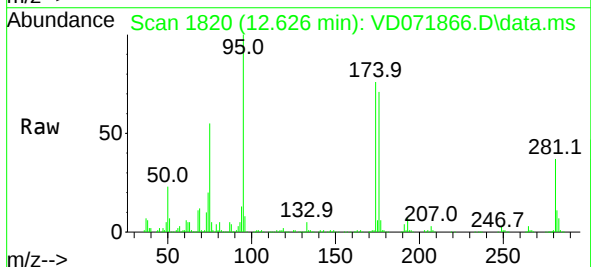
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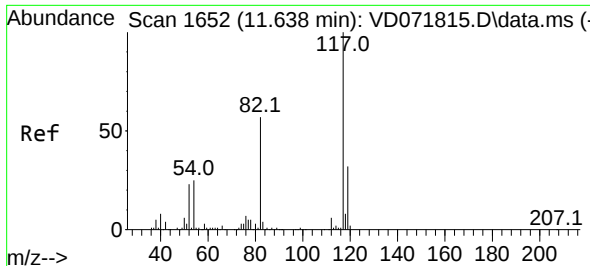
Tgt Ion: 98 Resp: 1100426
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.445 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071866.D
Acq: 01 Feb 2022 12:23

Tgt Ion: 95 Resp: 345841
Ion Ratio Lower Upper
95 100
174 75.7 0.0 152.8
176 72.7 0.0 145.4

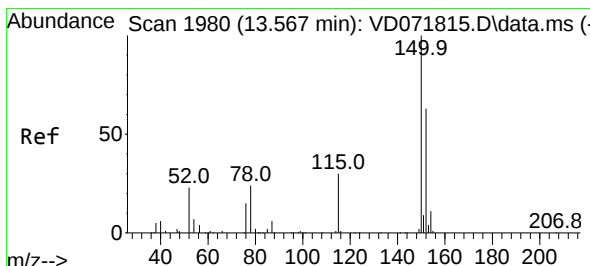
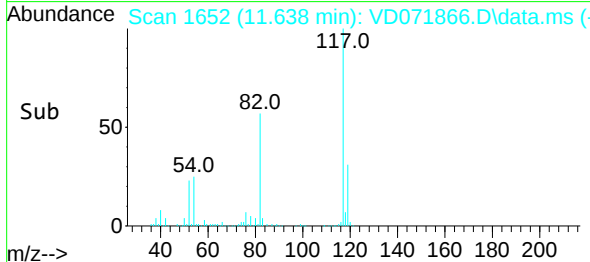
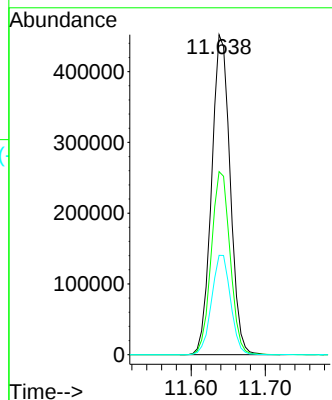
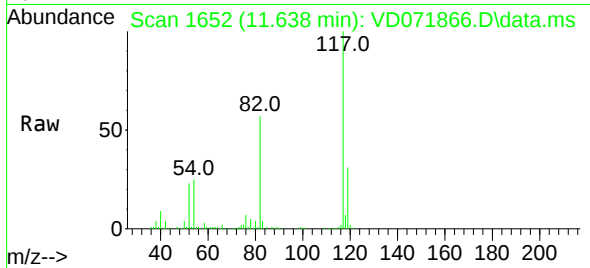




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD071866.D
Acq: 01 Feb 2022 12:23

Instrument :
MSVOA_D
ClientSampleId :
SB-2(1-1.5)

Tgt Ion:117 Resp: 786410
Ion Ratio Lower Upper
117 100
82 57.2 45.3 67.9
119 31.1 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071866.D
Acq: 01 Feb 2022 12:23

Tgt Ion:152 Resp: 331398
Ion Ratio Lower Upper
152 100
115 60.6 31.3 93.8
150 154.3 0.0 348.6

