

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010522\
 Data File : VD071611.D
 Acq On : 05 Jan 2022 13:51
 Operator : VA/SY
 Sample : N1004-01
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-R2-IEC

Quant Time: Jan 05 15:17:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

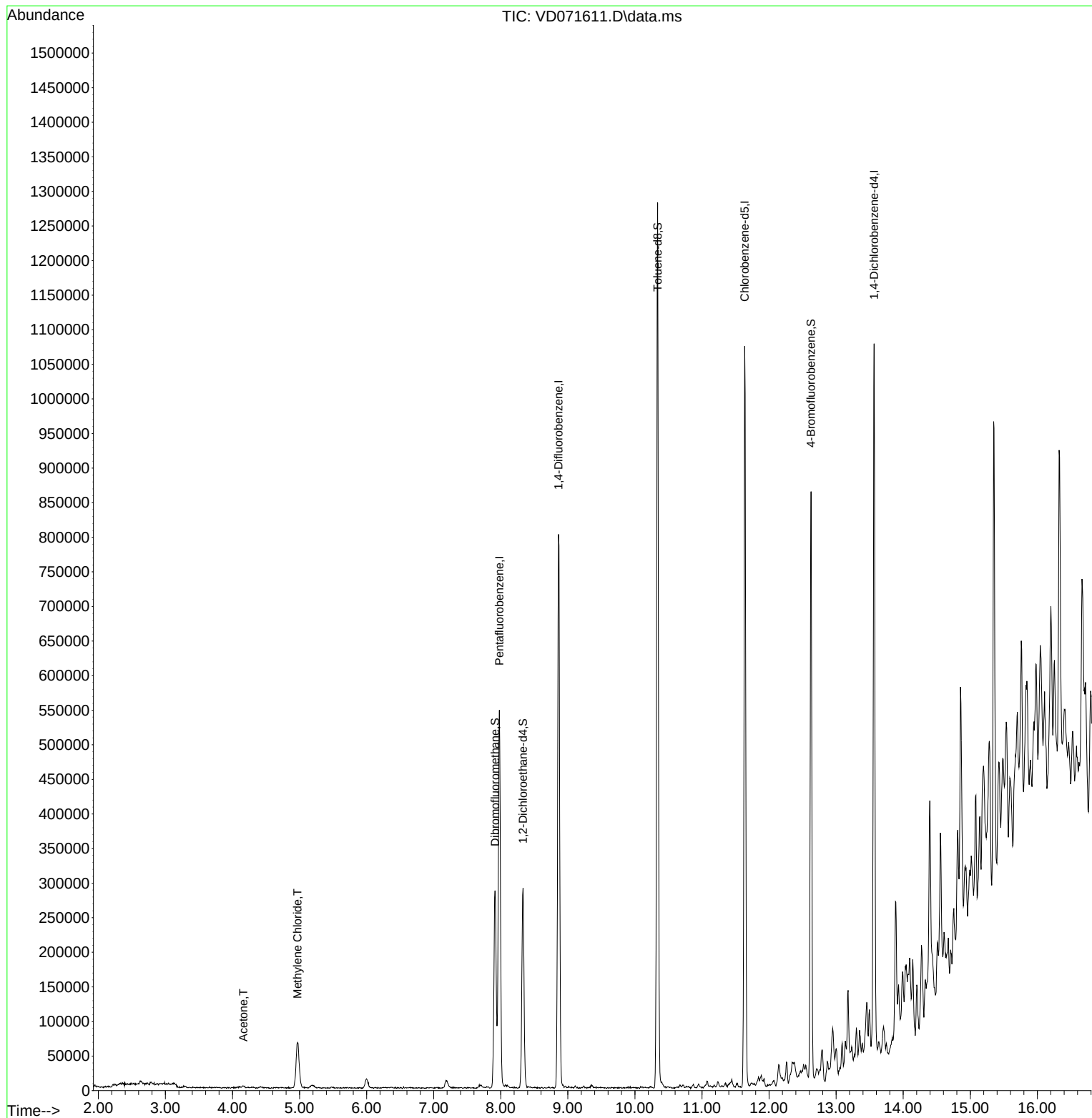
Internal Standards						
1) Pentafluorobenzene	7.979	168	362300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	639743	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	558605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	247663	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	228065	47.398	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.800%
35) Dibromofluoromethane	7.914	113	199835	46.478	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.960%
50) Toluene-d8	10.338	98	811483	49.943	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.880%
62) 4-Bromofluorobenzene	12.626	95	249876	43.278	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.560%
Target Compounds						Qvalue
16) Acetone	4.162	43	5030	4.162	ug/l	100
20) Methylene Chloride	4.967	84	47067	4.126	ug/l	94

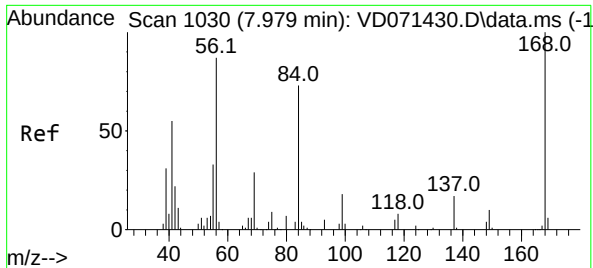
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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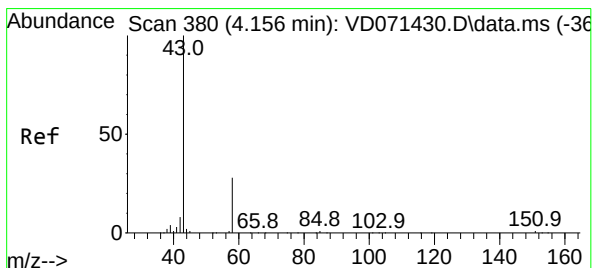
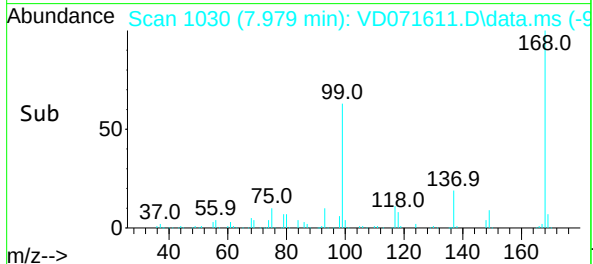
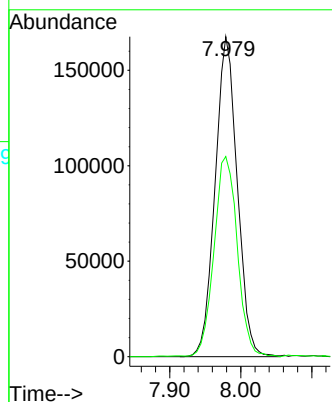
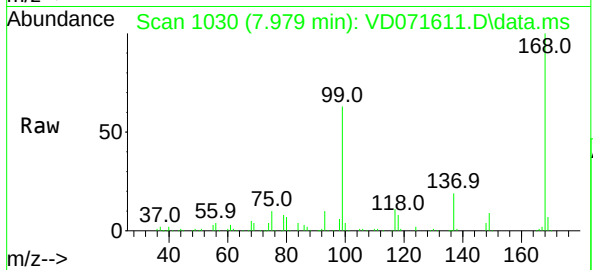




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071611.D
Acq: 05 Jan 2022 13:51

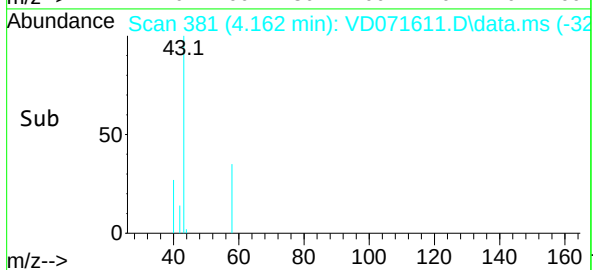
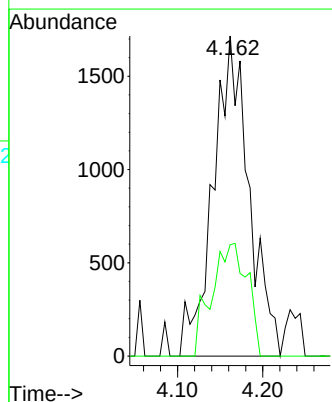
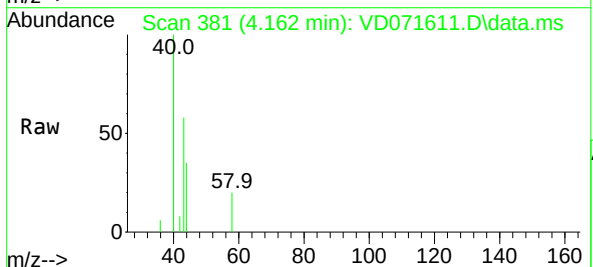
Instrument :
MSVOA_D
ClientSampleId :
RO-R2-IEC

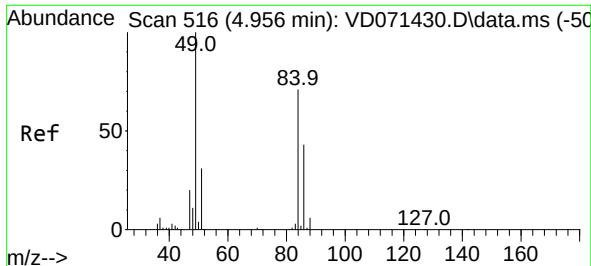
Tgt Ion:168 Resp: 362300
Ion Ratio Lower Upper
168 100
99 62.6 46.6 69.8



#16
Acetone
Concen: 4.162 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071611.D
Acq: 05 Jan 2022 13:51

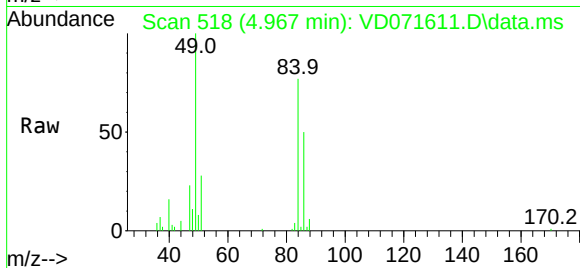
Tgt Ion: 43 Resp: 5030
Ion Ratio Lower Upper
43 100
58 34.8 27.8 41.8



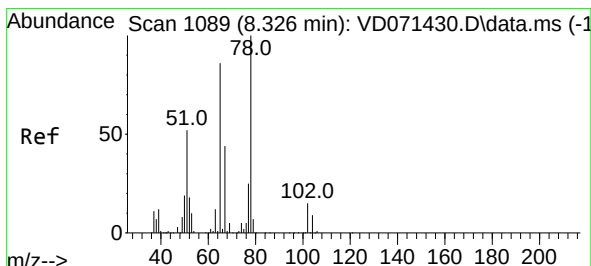
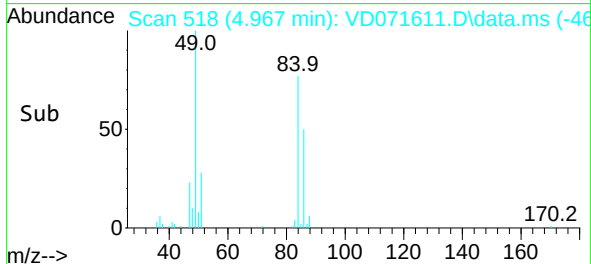
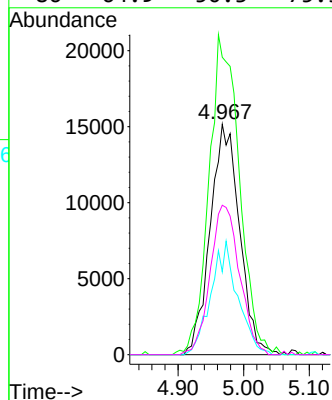


#20
Methylene Chloride
Concen: 4.126 ug/l
RT: 4.967 min Scan# 516
Delta R.T. 0.006 min
Lab File: VD071611.D
Acq: 05 Jan 2022 13:51

Instrument :
MSVOA_D
ClientSampleId :
RO-R2-IEC

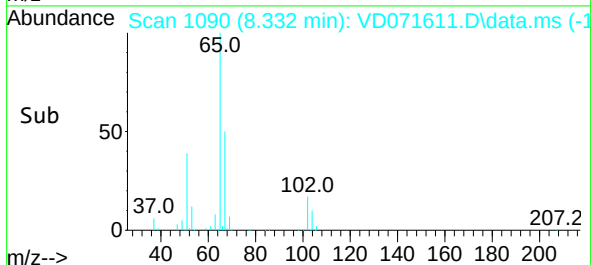
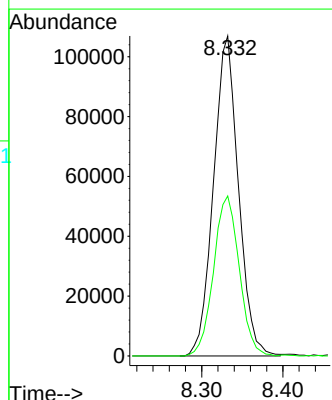
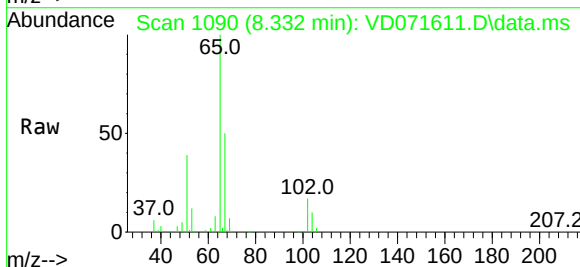


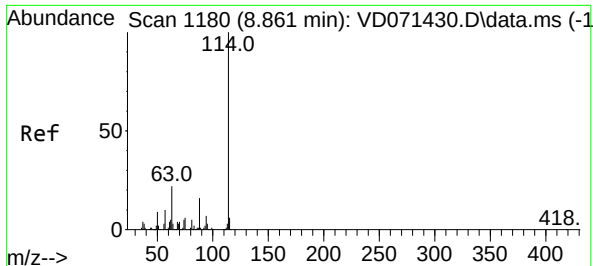
Tgt Ion: 84	Resp: 47067
Ion Ratio	Lower Upper
84 100	
49 128.0	95.8 143.6
51 36.0	30.9 46.3
86 64.9	50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 47.398 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071611.D
Acq: 05 Jan 2022 13:51

Tgt Ion: 65	Resp: 228065
Ion Ratio	Lower Upper
65 100	
67 51.5	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: VD071611.D

Acq: 05 Jan 2022 13:51

Instrument :

MSVOA_D

ClientSampleId :

RO-R2-IEC

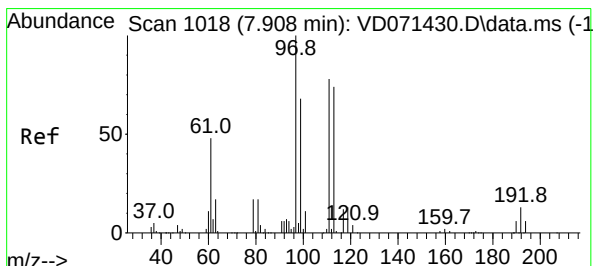
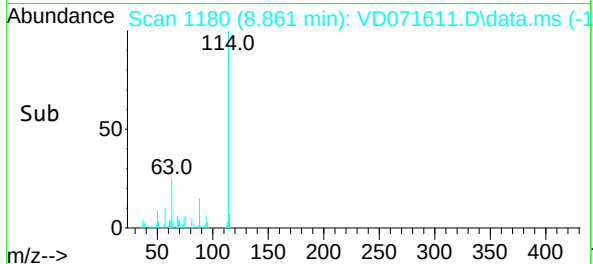
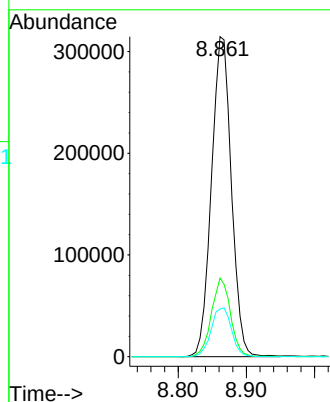
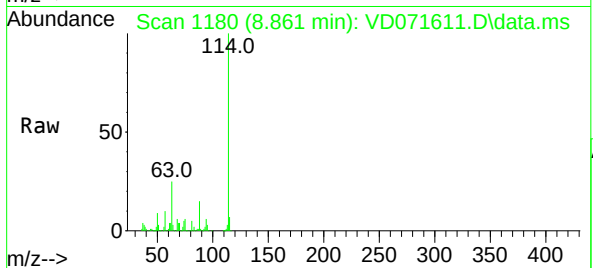
Tgt Ion:114 Resp: 639743

Ion Ratio Lower Upper

114 100

63 24.5 0.0 41.8

88 14.9 0.0 32.8



#35

Dibromofluoromethane

Concen: 46.478 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071611.D

Acq: 05 Jan 2022 13:51

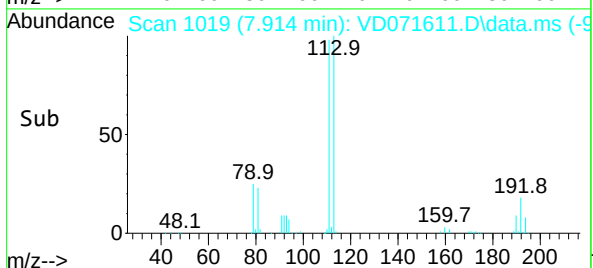
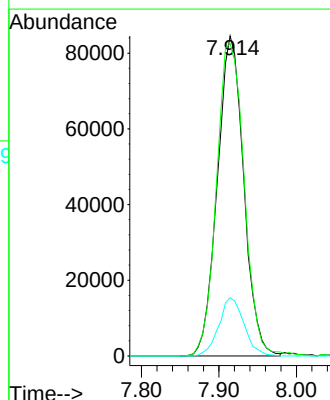
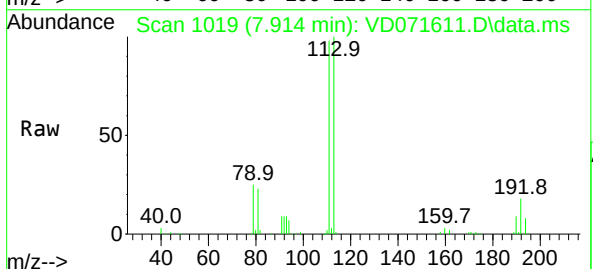
Tgt Ion:113 Resp: 199835

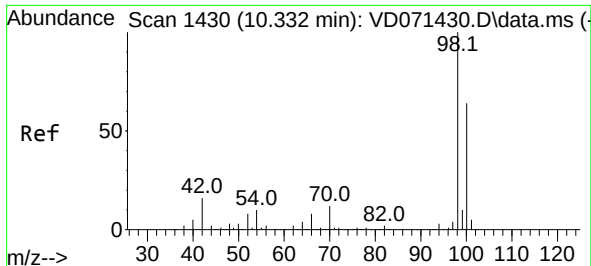
Ion Ratio Lower Upper

113 100

111 102.9 82.0 123.0

192 17.4 15.2 22.8

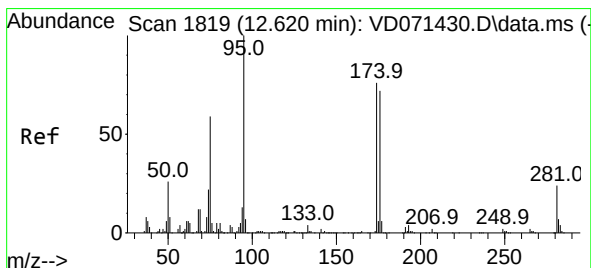
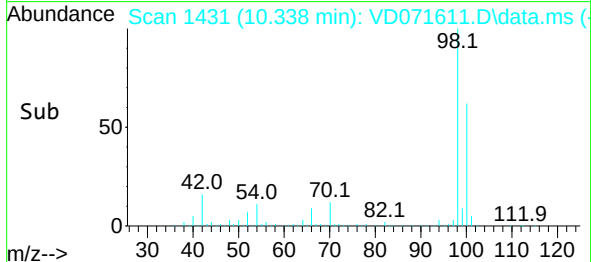
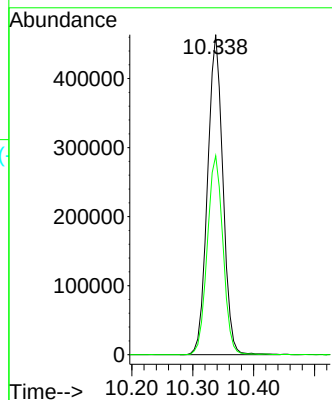
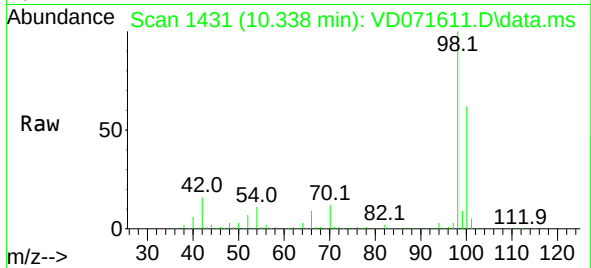




#50
Toluene-d8
Concen: 49.943 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD071611.D
Acq: 05 Jan 2022 13:51

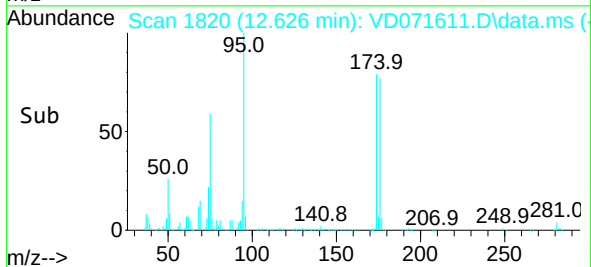
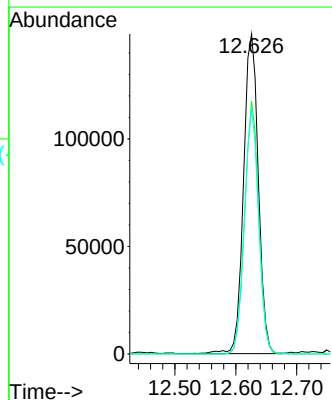
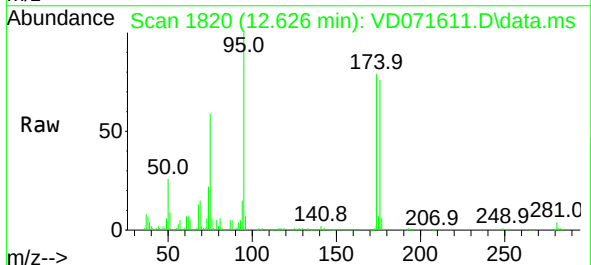
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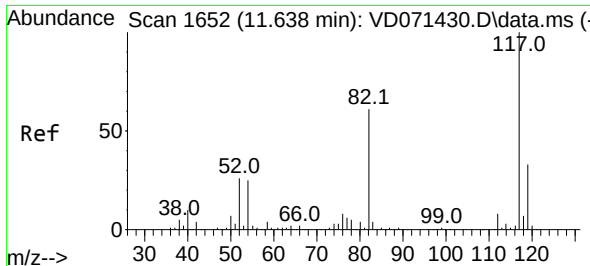
Tgt Ion: 98 Resp: 811483
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 43.278 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071611.D
Acq: 05 Jan 2022 13:51

Tgt Ion: 95 Resp: 249876
Ion Ratio Lower Upper
95 100
174 75.7 0.0 159.4
176 73.3 0.0 154.0

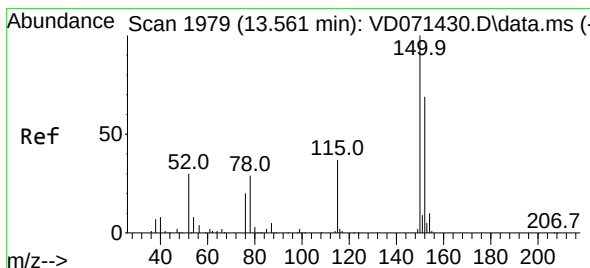
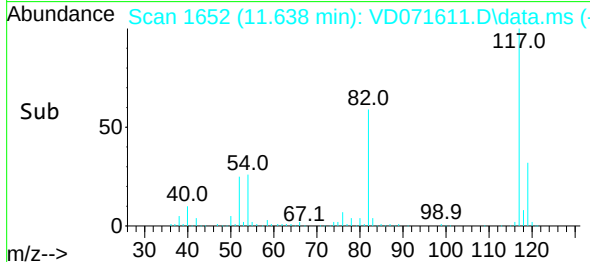
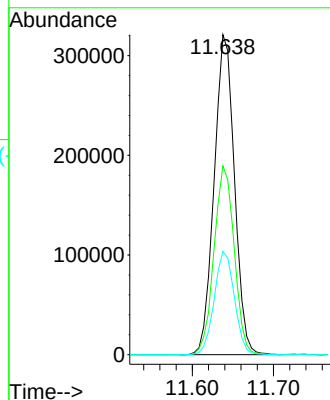
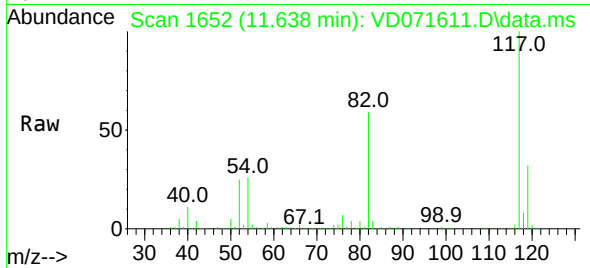




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071611.D
Acq: 05 Jan 2022 13:51

Instrument :
MSVOA_D
ClientSampleId :
RO-R2-IEC

Tgt Ion:117 Resp: 558605
Ion Ratio Lower Upper
117 100
82 59.0 44.7 67.1
119 32.3 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071611.D
Acq: 05 Jan 2022 13:51

Tgt Ion:152 Resp: 247663
Ion Ratio Lower Upper
152 100
115 60.1 29.8 89.3
150 154.3 0.0 349.2

