

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010522\
 Data File : VD071620.D
 Acq On : 05 Jan 2022 18:01
 Operator : VA/SY
 Sample : M5236-05RE
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-9-(19.5-20)RE

Quant Time: Jan 06 07:05:20 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)

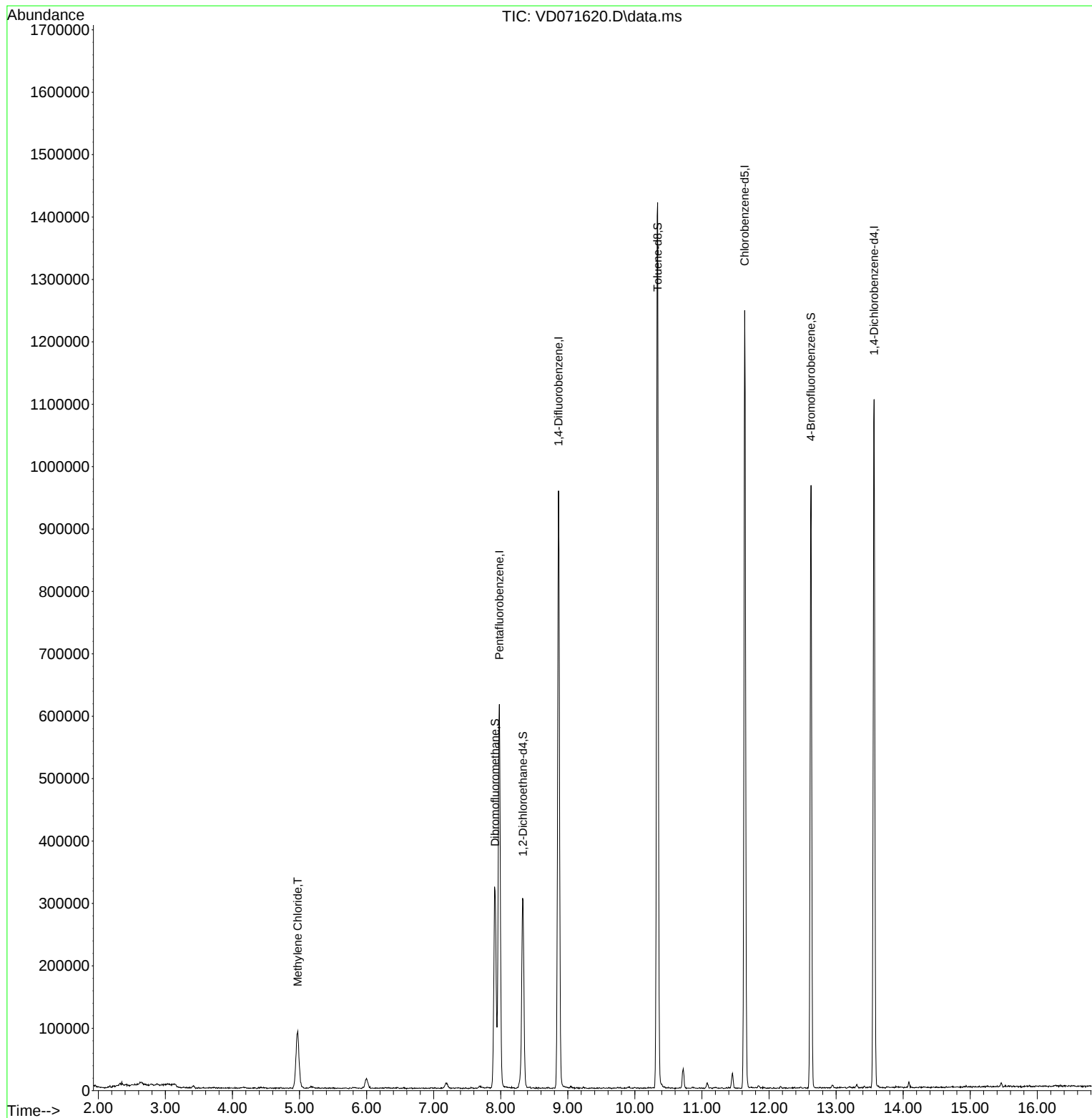
Internal Standards						
1) Pentafluorobenzene	7.979	168	416644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	737822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	642725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	266746	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	245213	44.315	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.640%
35) Dibromofluoromethane	7.914	113	230038	46.390	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.780%
50) Toluene-d8	10.338	98	922719	49.240	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.480%
62) 4-Bromofluorobenzene	12.626	95	281324	42.248	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.500%
Target Compounds						
20) Methylene Chloride	4.973	84	64909	6.492	ug/l	Qvalue 89

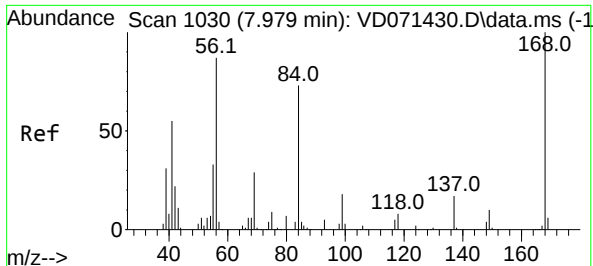
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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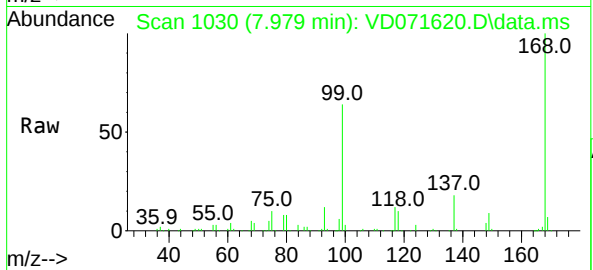
Quant Time: Jan 06 07:05:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 23 08:20:24 2021
Response via : Initial Calibration



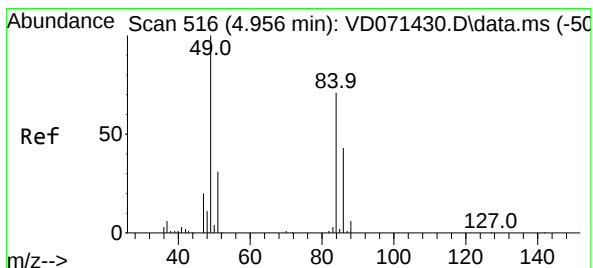
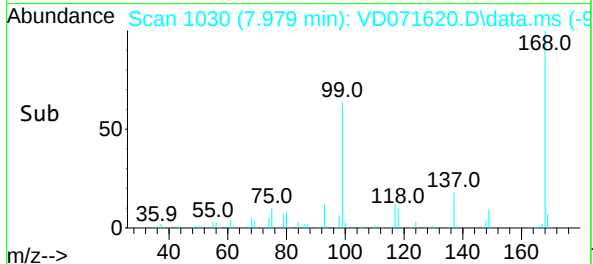
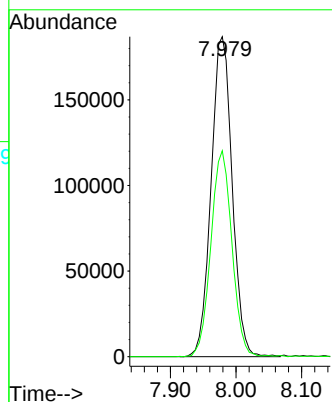


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071620.D
Acq: 05 Jan 2022 18:01

Instrument :
MSVOA_D
ClientSampleId :
SB-9-(19.5-20)RE

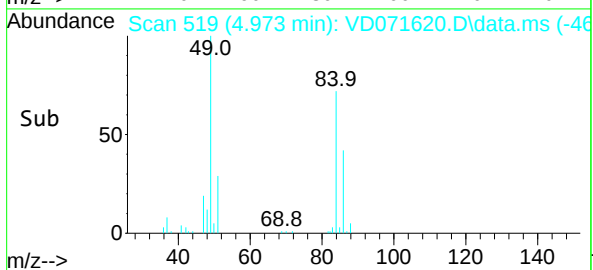
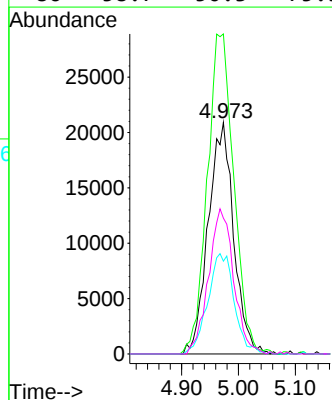
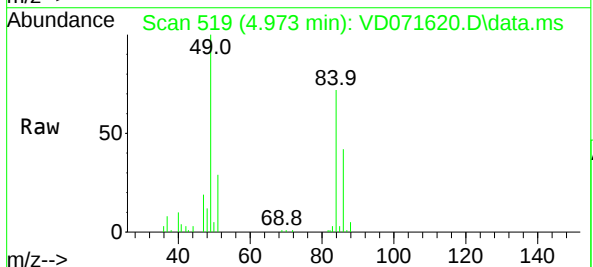


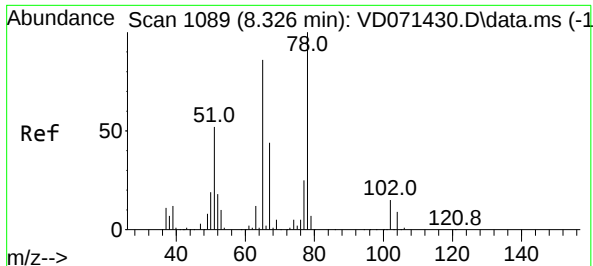
Tgt Ion:168 Resp: 416644
Ion Ratio Lower Upper
168 100
99 64.3 46.6 69.8



#20
Methylene Chloride
Concen: 6.492 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.012 min
Lab File: VD071620.D
Acq: 05 Jan 2022 18:01

Tgt Ion: 84 Resp: 64909
Ion Ratio Lower Upper
84 100
49 138.2 95.8 143.6
51 40.1 30.9 46.3
86 58.7 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 44.315 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD071620.D

Acq: 05 Jan 2022 18:01

Instrument :

MSVOA_D

ClientSampleId :

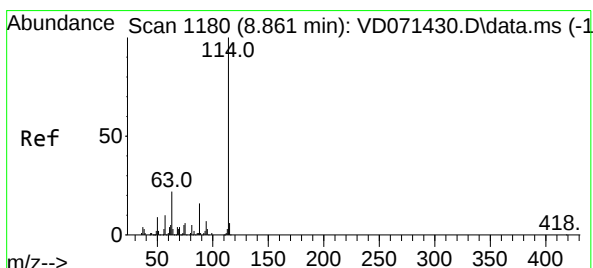
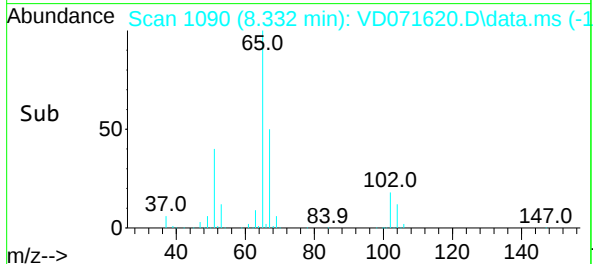
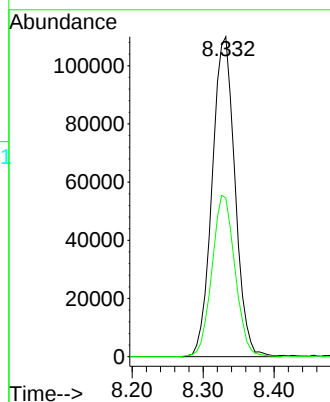
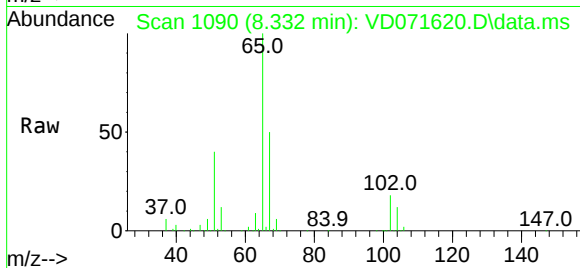
SB-9-(19.5-20)RE

Tgt Ion: 65 Resp: 245213

Ion Ratio Lower Upper

65 100

67 51.0 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: VD071620.D

Acq: 05 Jan 2022 18:01

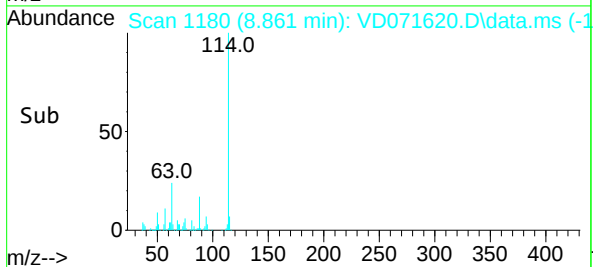
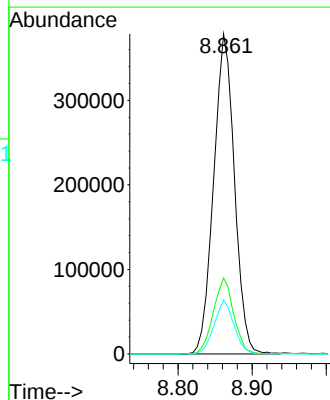
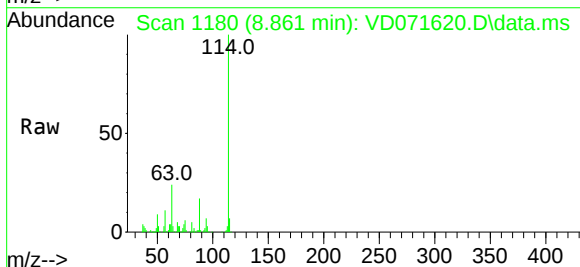
Tgt Ion: 114 Resp: 737822

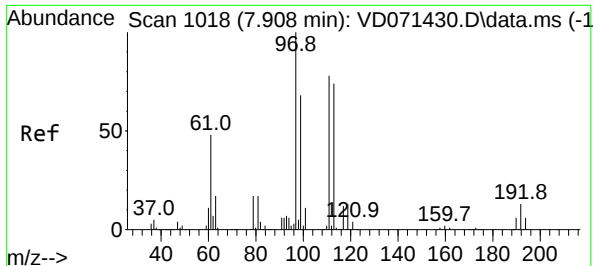
Ion Ratio Lower Upper

114 100

63 23.8 0.0 41.8

88 16.9 0.0 32.8

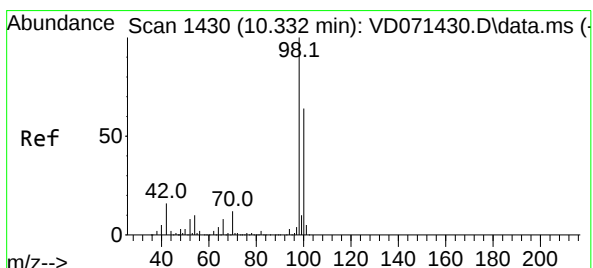
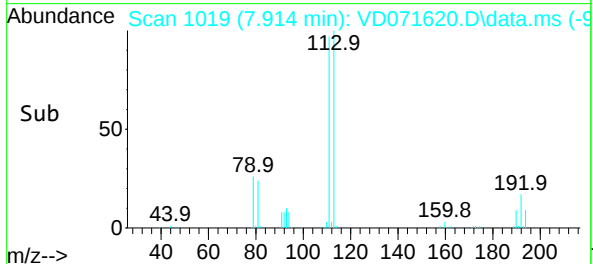
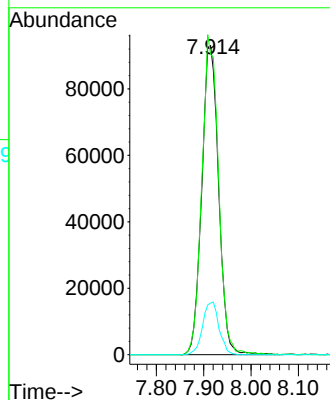
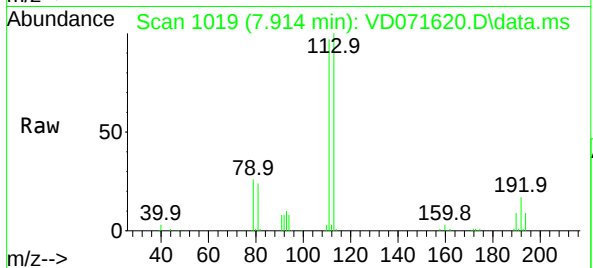




#35
Dibromofluoromethane
Concen: 46.390 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD071620.D
Acq: 05 Jan 2022 18:01

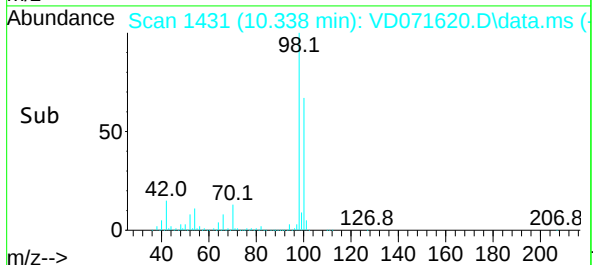
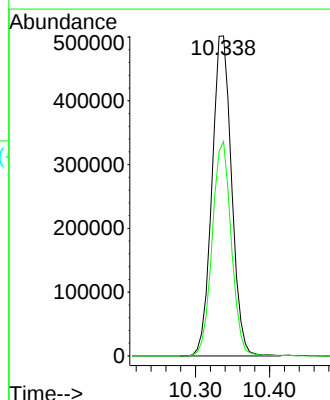
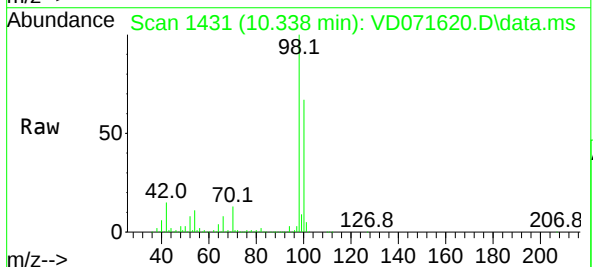
Instrument :
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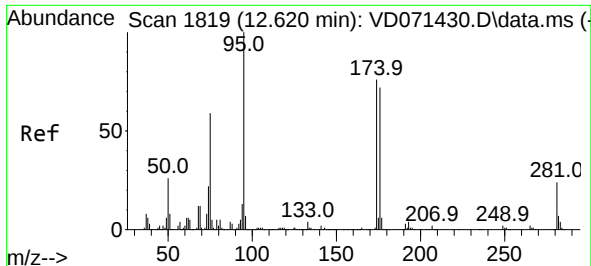
Tgt Ion:113 Resp: 230038
Ion Ratio Lower Upper
113 100
111 102.0 82.0 123.0
192 16.5 15.2 22.8



#50
Toluene-d8
Concen: 49.240 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD071620.D
Acq: 05 Jan 2022 18:01

Tgt Ion: 98 Resp: 922719
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6

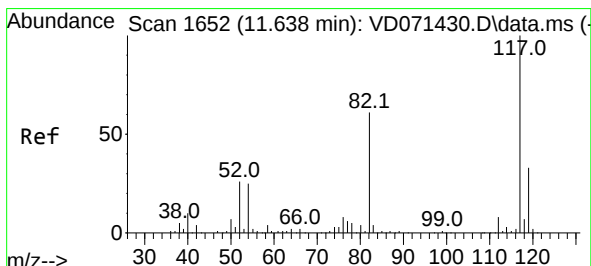
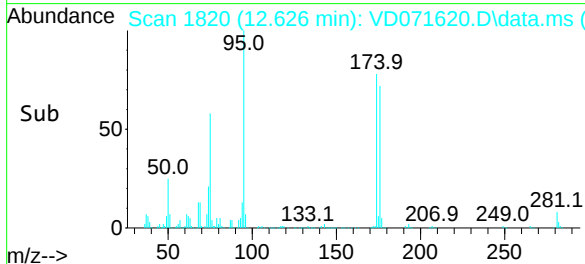
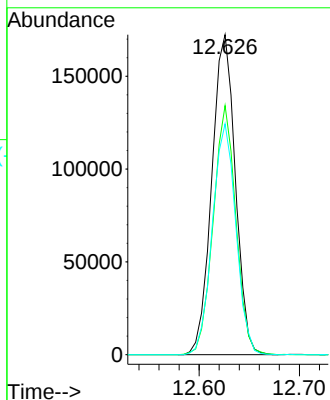
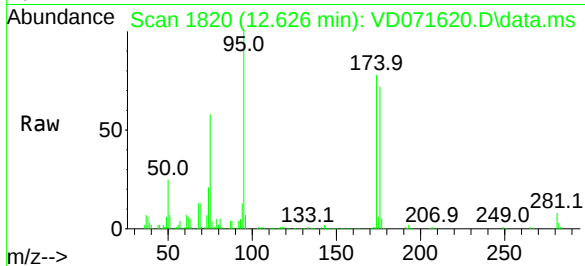




#62
4-Bromofluorobenzene
Concen: 42.248 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD071620.D
Acq: 05 Jan 2022 18:01

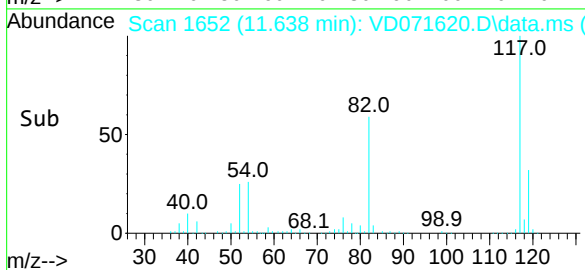
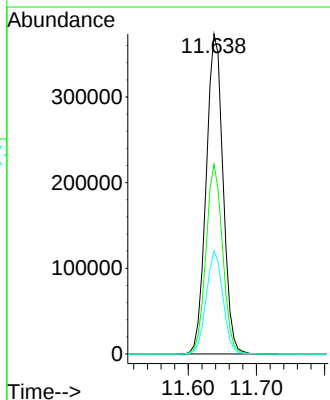
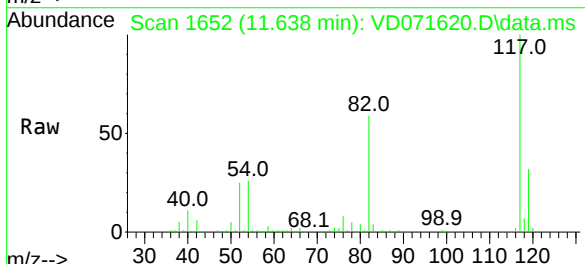
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MSVOA_D
ClientSampleId :
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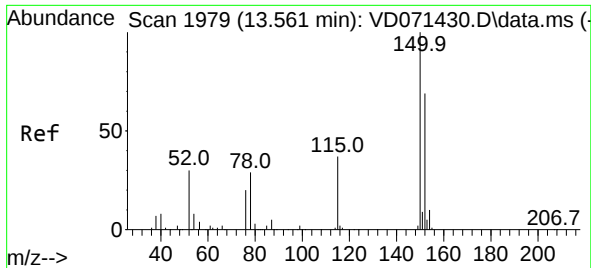
Tgt Ion: 95 Resp: 281324
Ion Ratio Lower Upper
95 100
174 74.8 0.0 159.4
176 71.9 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071620.D
Acq: 05 Jan 2022 18:01

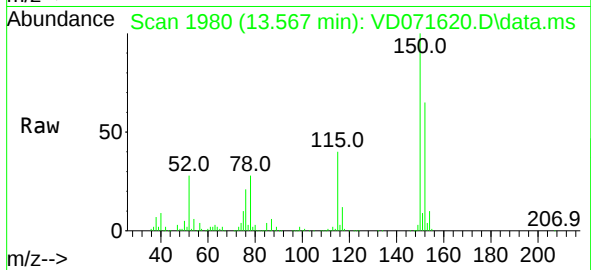
Tgt Ion: 117 Resp: 642725
Ion Ratio Lower Upper
117 100
82 59.2 44.7 67.1
119 32.1 26.2 39.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1979
 Delta R.T. 0.006 min
 Lab File: VD071620.D
 Acq: 05 Jan 2022 18:01

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-9-(19.5-20)RE



Tgt Ion:152 Resp: 266746
 Ion Ratio Lower Upper
 152 100
 115 62.5 29.8 89.3
 150 156.7 0.0 349.2

