

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120721\
 Data File : VD071189.D
 Acq On : 07 Dec 2021 17:55
 Operator : VA/SY
 Sample : M4947-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 355-994

Quant Time: Dec 08 02:52:07 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)

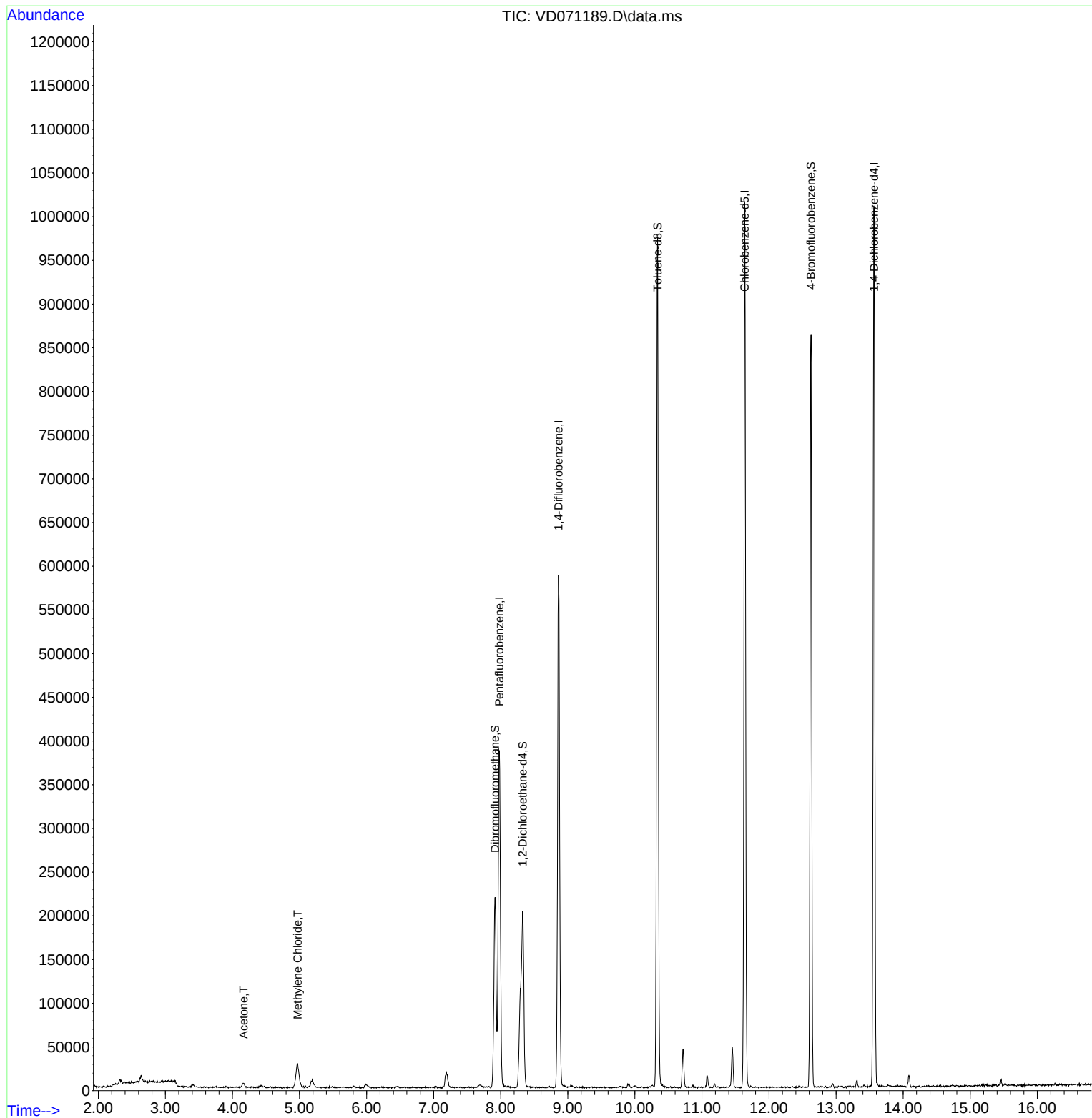
Internal Standards						
1) Pentafluorobenzene	7.979	168	275510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	484072	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	528145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	251073	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	144890	44.819	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.640%
35) Dibromofluoromethane	7.914	113	149737	48.576	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.160%
50) Toluene-d8	10.338	98	641382	54.676	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.360%
62) 4-Bromofluorobenzene	12.626	95	252265	62.039	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	124.080%
Target Compounds						
					Qvalue	
16) Acetone	4.167	43	9420	40.418	ug/l #	85
20) Methylene Chloride	4.973	84	18994	1.796	ug/l #	84

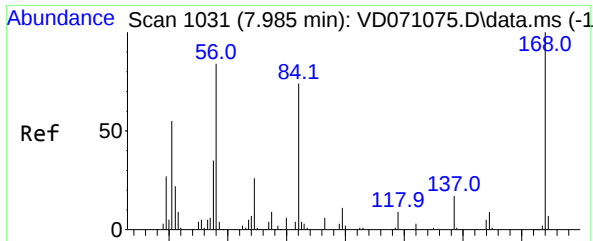
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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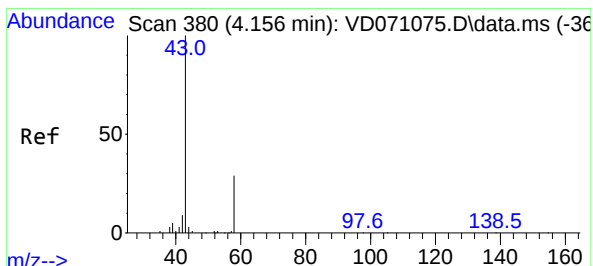
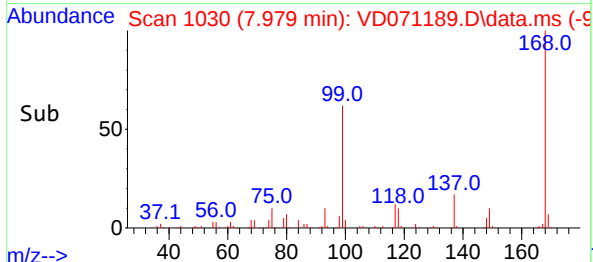
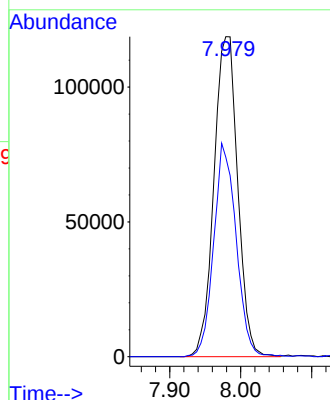
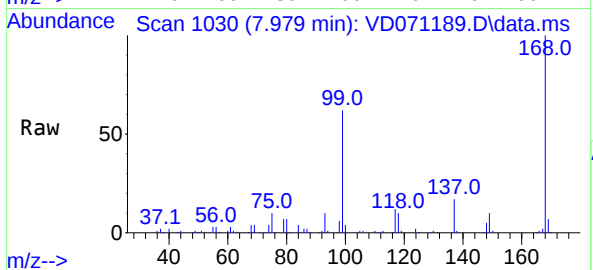




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071189.D
Acq: 07 Dec 2021 17:55

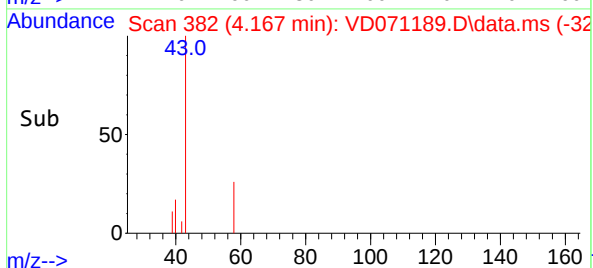
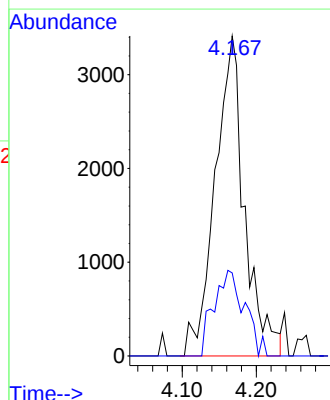
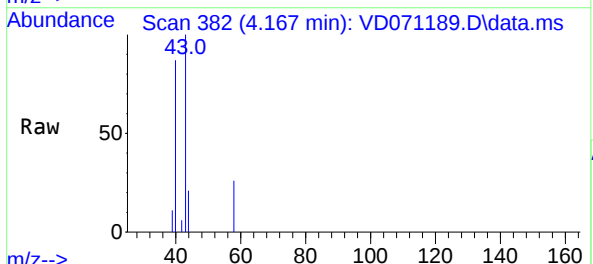
Instrument :
MSVOA_D
ClientSampleId :
355-994

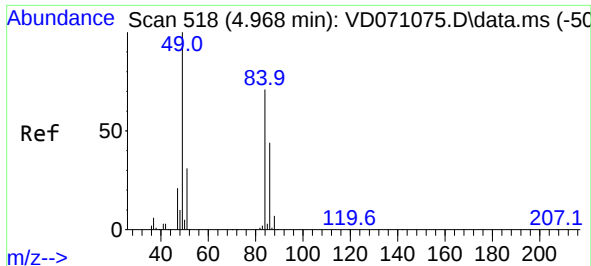
Tgt Ion:168 Resp: 275510
Ion Ratio Lower Upper
168 100
99 62.3 46.6 69.8



#16
Acetone
Concen: 40.418 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.011 min
Lab File: VD071189.D
Acq: 07 Dec 2021 17:55

Tgt Ion: 43 Resp: 9420
Ion Ratio Lower Upper
43 100
58 26.0 27.8 41.8#

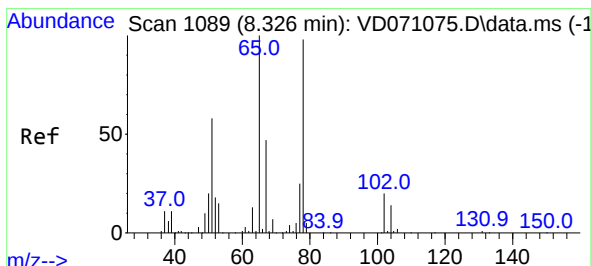
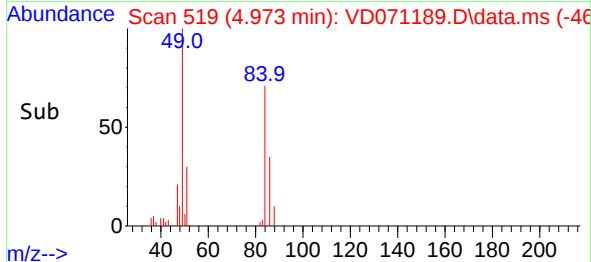
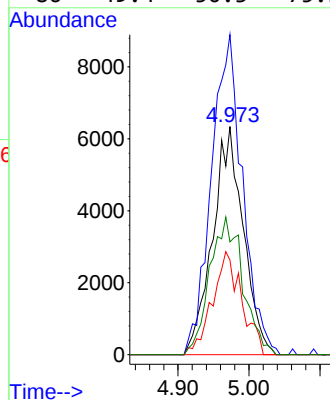
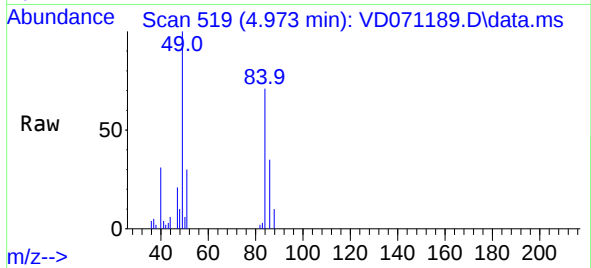




#20
Methylene Chloride
Concen: 1.796 ug/l
RT: 4.973 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD071189.D
Acq: 07 Dec 2021 17:55

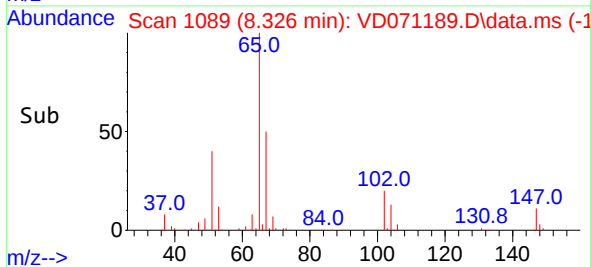
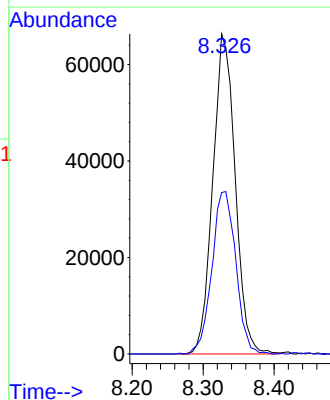
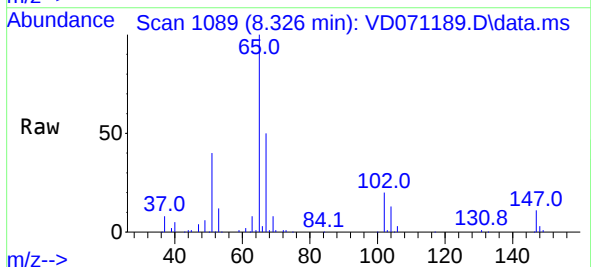
Instrument :
MSVOA_D
ClientSampleId :
355-994

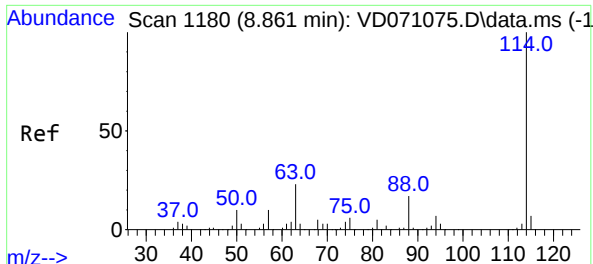
Tgt Ion: 84 Resp: 18994
Ion Ratio Lower Upper
84 100
49 140.2 95.8 143.6
51 41.4 30.9 46.3
86 49.4 50.3 75.5#



#33
1,2-Dichloroethane-d4
Concen: 44.819 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071189.D
Acq: 07 Dec 2021 17:55

Tgt Ion: 65 Resp: 144890
Ion Ratio Lower Upper
65 100
67 54.2 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: VD071189.D

Acq: 07 Dec 2021 17:55

Instrument :

MSVOA_D

ClientSampleId :

355-994

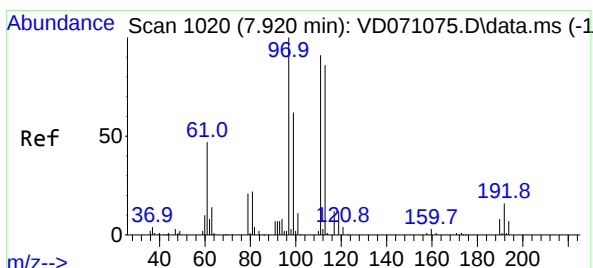
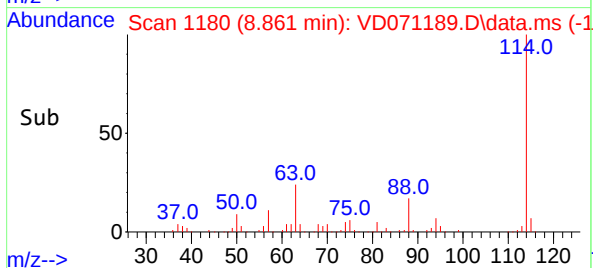
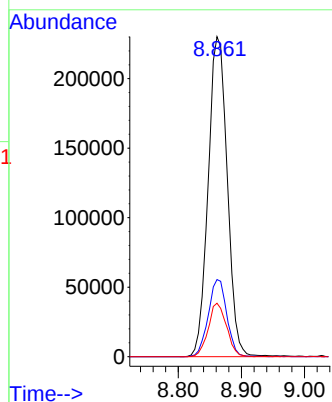
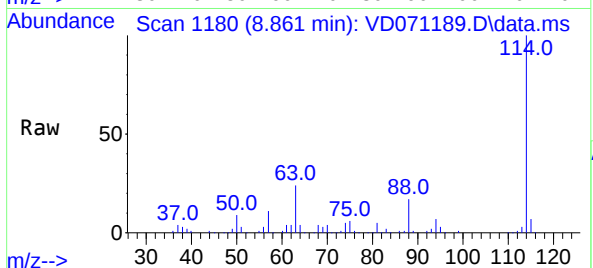
Tgt Ion:114 Resp: 484072

Ion Ratio Lower Upper

114 100

63 24.1 0.0 41.8

88 16.7 0.0 32.8



#35

Dibromofluoromethane

Concen: 48.576 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071189.D

Acq: 07 Dec 2021 17:55

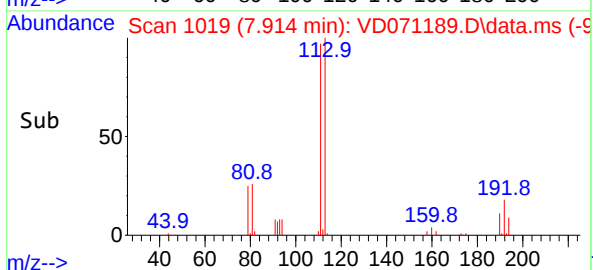
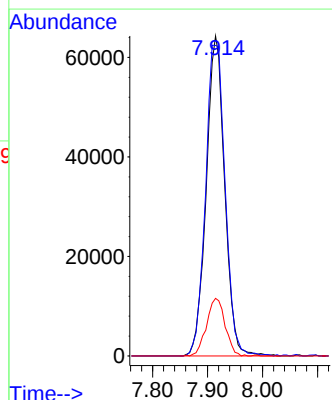
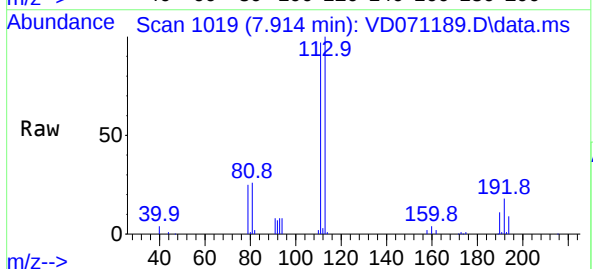
Tgt Ion:113 Resp: 149737

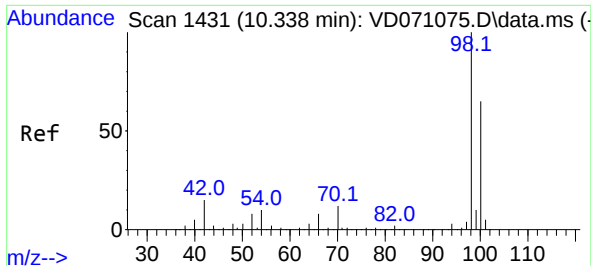
Ion Ratio Lower Upper

113 100

111 104.0 82.0 123.0

192 18.2 15.2 22.8

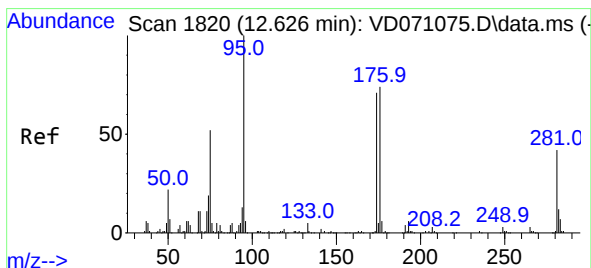
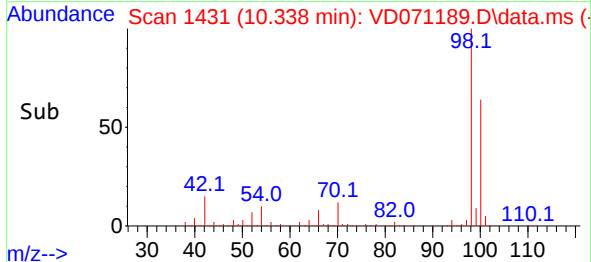
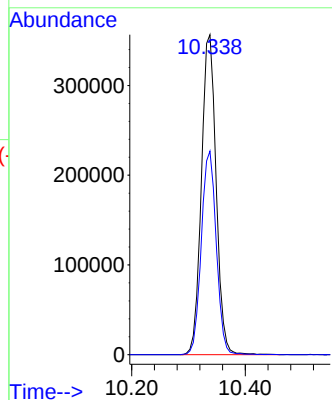
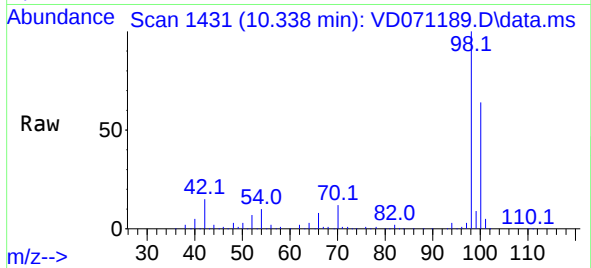




#50
Toluene-d8
Concen: 54.676 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071189.D
Acq: 07 Dec 2021 17:55

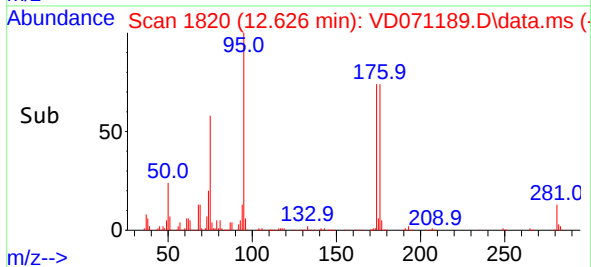
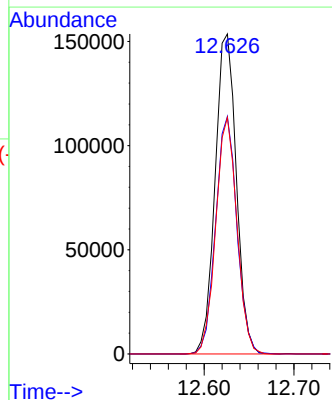
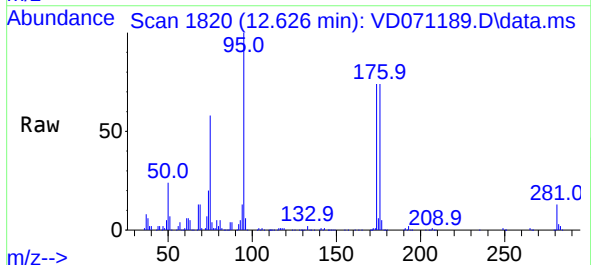
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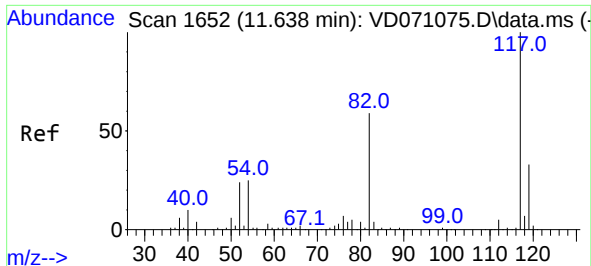
Tgt Ion: 98 Resp: 641382
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 62.039 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071189.D
Acq: 07 Dec 2021 17:55

Tgt Ion: 95 Resp: 252265
Ion Ratio Lower Upper
95 100
174 74.3 0.0 159.4
176 73.4 0.0 154.0

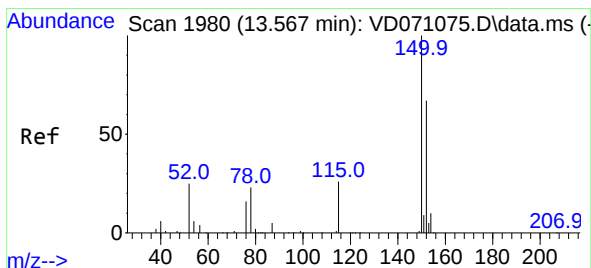
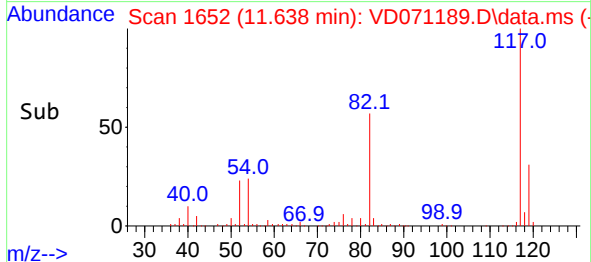
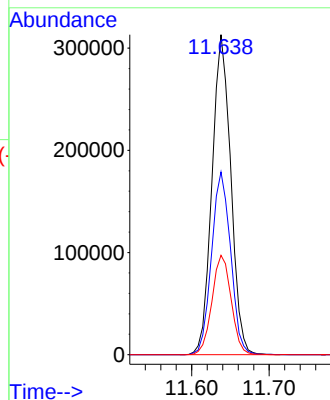
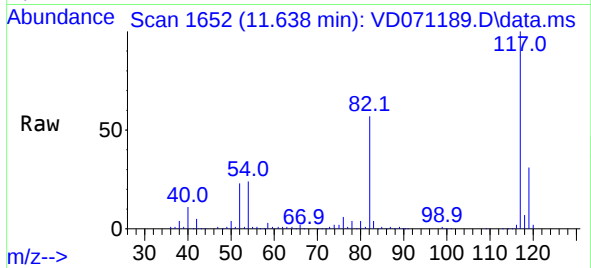




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071189.D
Acq: 07 Dec 2021 17:55

Instrument :
MSVOA_D
ClientSampleId :
355-994

Tgt Ion:117 Resp: 528145
Ion Ratio Lower Upper
117 100
82 57.1 44.7 67.1
119 31.1 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071189.D
Acq: 07 Dec 2021 17:55

Tgt Ion:152 Resp: 251073
Ion Ratio Lower Upper
152 100
115 59.3 29.8 89.3
150 158.3 0.0 349.2

