

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111121\
 Data File : VD070999.D
 Acq On : 11 Nov 2021 18:49
 Operator : VA/SY
 Sample : M4604-01
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-110921

Quant Time: Nov 12 08:04:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

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

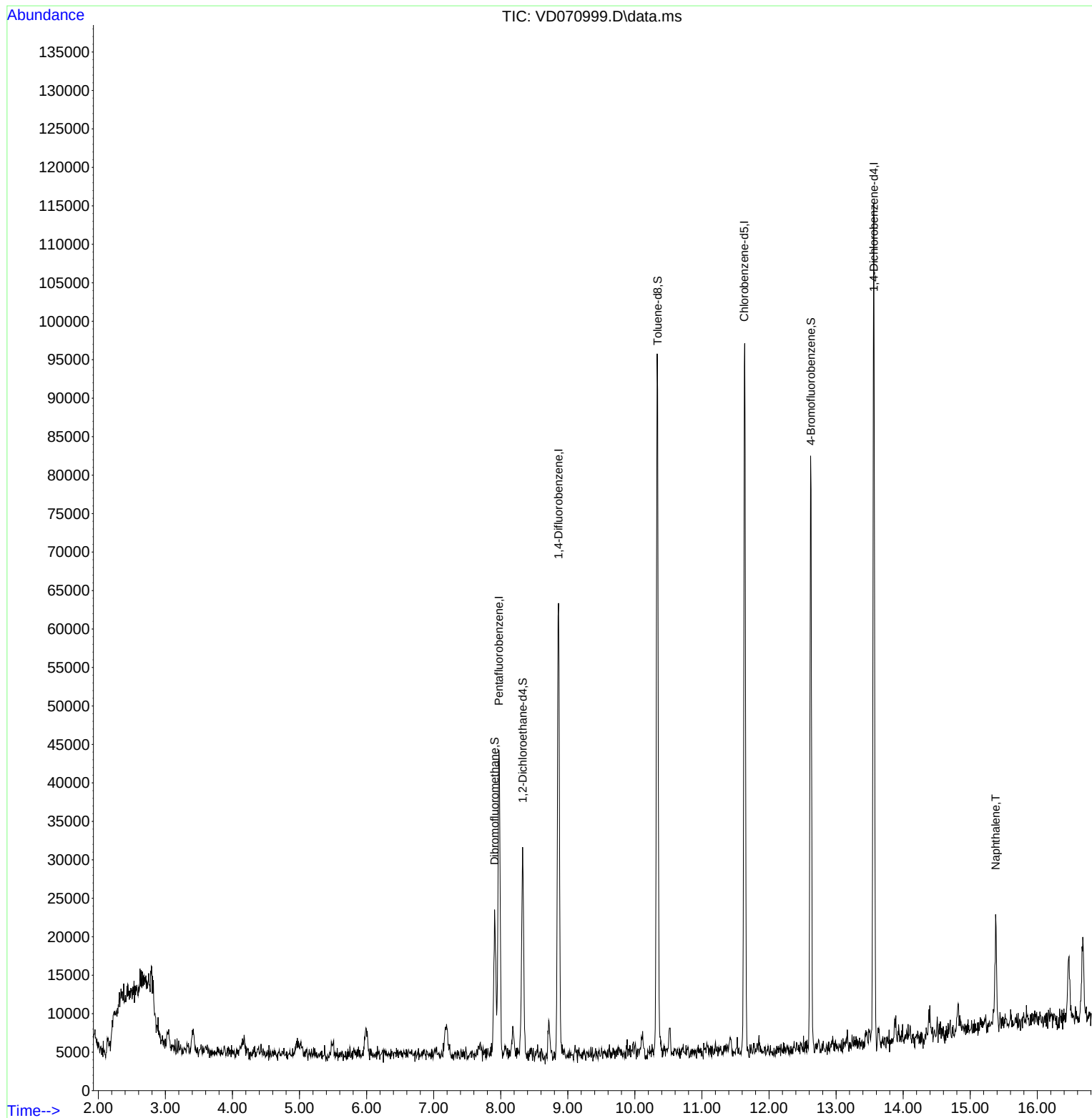
Internal Standards						
1) Pentafluorobenzene	7.973	168	28398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	48007	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	48969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	25421	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	19552	64.666	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.340%
35) Dibromofluoromethane	7.909	113	12465	46.014	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.020%
50) Toluene-d8	10.338	98	61052	57.548	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	115.100%
62) 4-Bromofluorobenzene	12.626	95	24662	64.563	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	129.120%
Target Compounds						Qvalue
95) Naphthalene	15.379	128	10710	13.224	ug/l	99

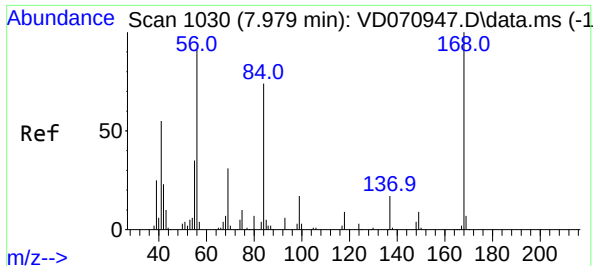
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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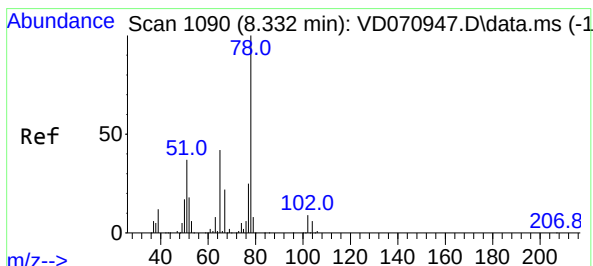
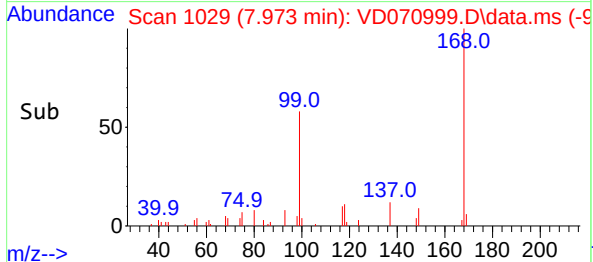
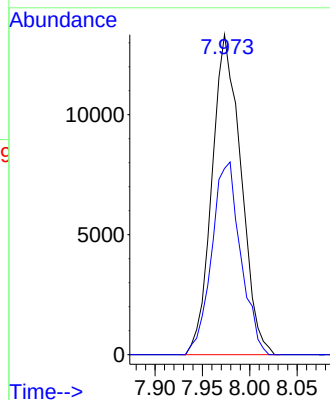
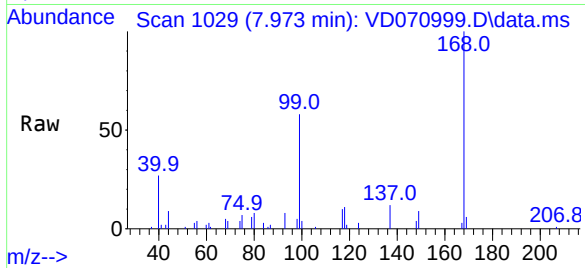




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070999.D
Acq: 11 Nov 2021 18:49

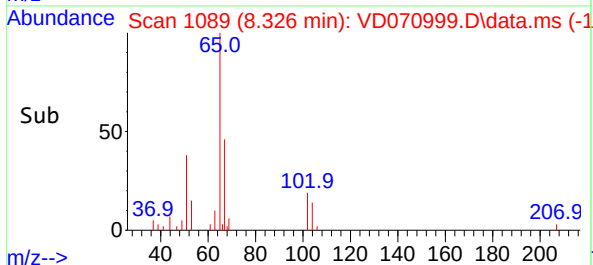
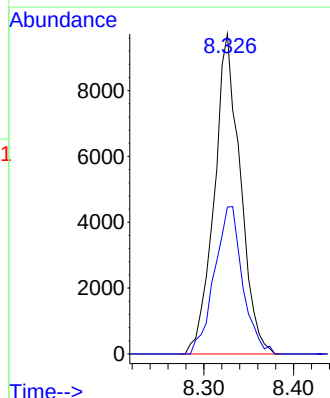
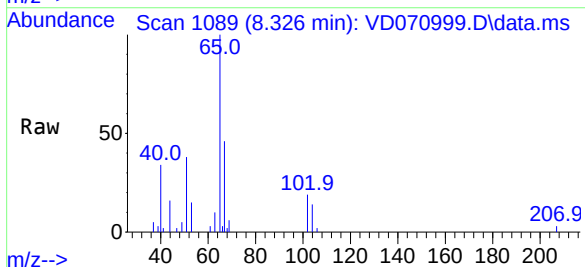
Instrument :
MSVOA_D
ClientSampleId :
TR-05-110921

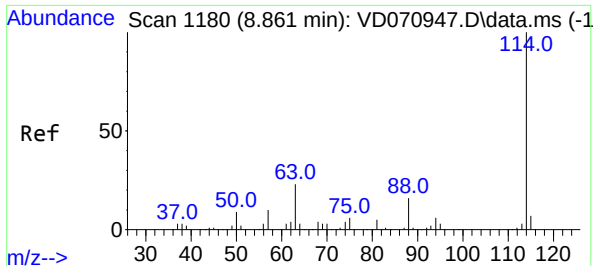
Tgt Ion:168 Resp: 28398
Ion Ratio Lower Upper
168 100
99 58.2 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 64.666 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070999.D
Acq: 11 Nov 2021 18:49

Tgt Ion: 65 Resp: 19552
Ion Ratio Lower Upper
65 100
67 49.8 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: VD070999.D

Acq: 11 Nov 2021 18:49

Instrument :

MSVOA_D

ClientSampleId :

TR-05-110921

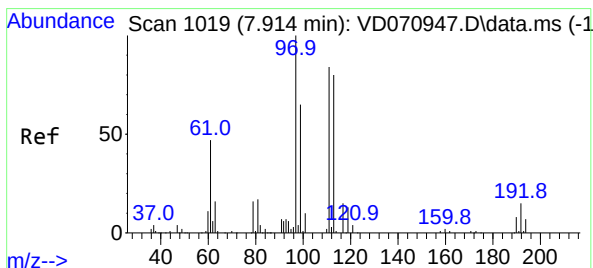
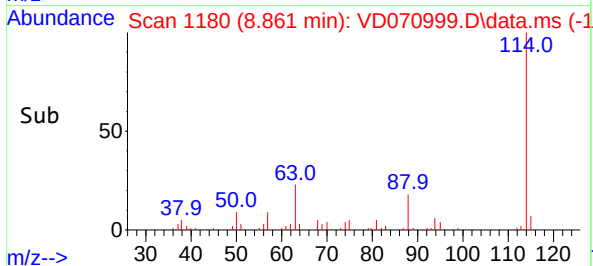
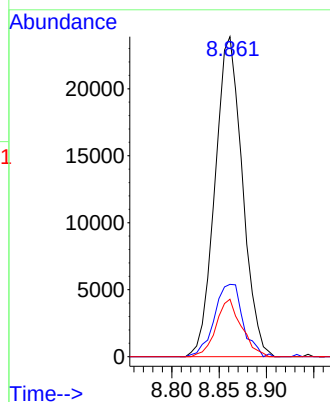
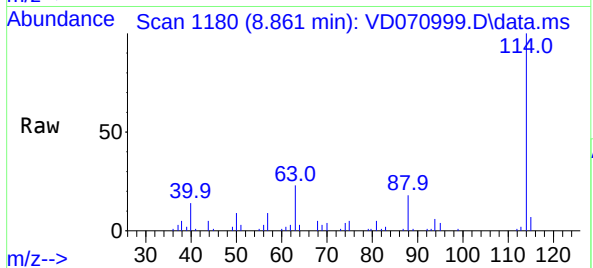
Tgt Ion:114 Resp: 48007

Ion Ratio Lower Upper

114 100

63 22.6 0.0 41.8

88 18.0 0.0 32.8



#35

Dibromofluoromethane

Concen: 46.014 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD070999.D

Acq: 11 Nov 2021 18:49

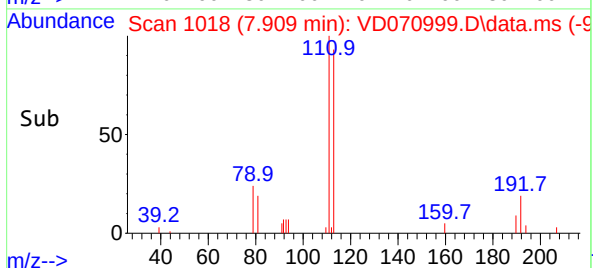
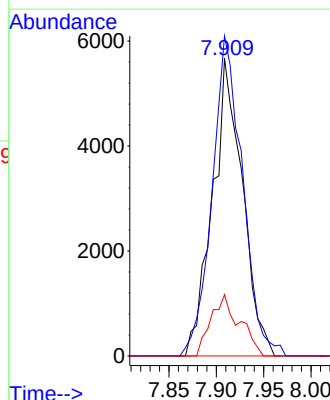
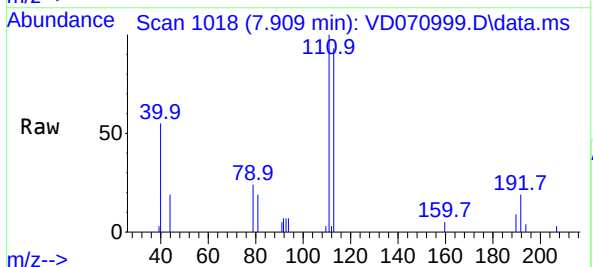
Tgt Ion:113 Resp: 12465

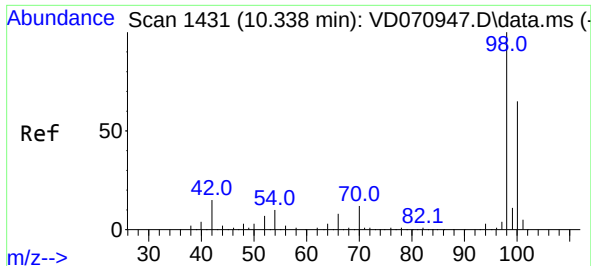
Ion Ratio Lower Upper

113 100

111 109.2 82.0 123.0

192 19.6 15.2 22.8

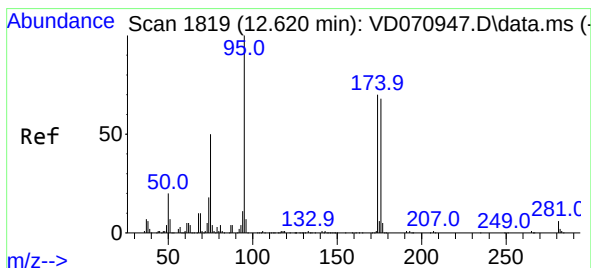
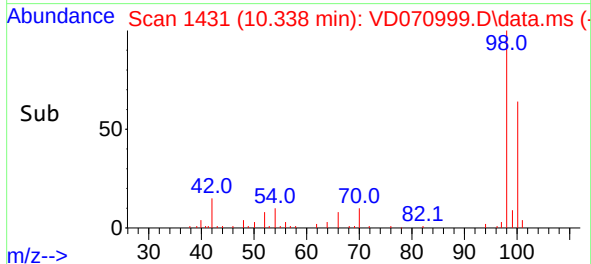
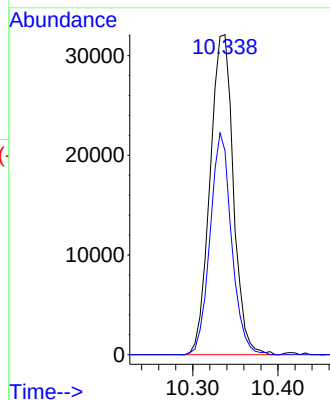
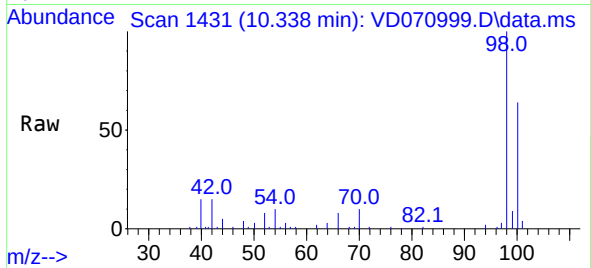




#50
Toluene-d8
Concen: 57.548 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070999.D
Acq: 11 Nov 2021 18:49

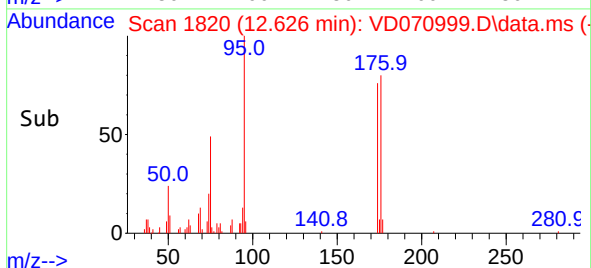
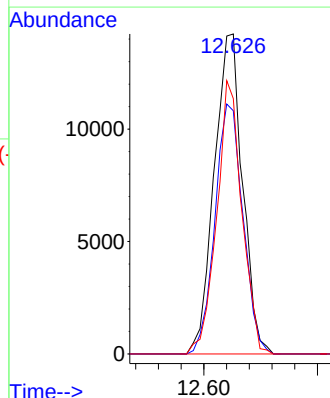
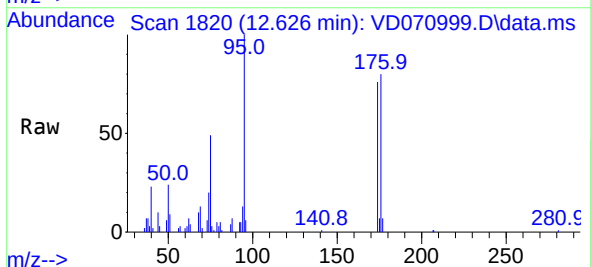
Instrument :
MSVOA_D
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TR-05-110921

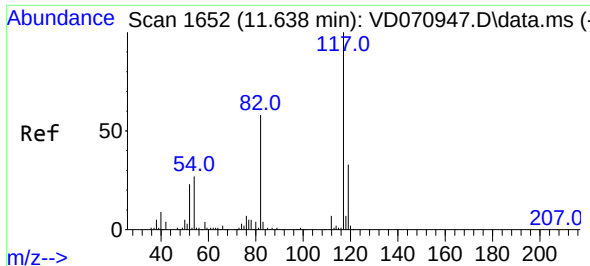
Tgt Ion: 98 Resp: 61052
Ion Ratio Lower Upper
98 100
100 63.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 64.563 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD070999.D
Acq: 11 Nov 2021 18:49

Tgt Ion: 95 Resp: 24662
Ion Ratio Lower Upper
95 100
174 77.1 0.0 159.4
176 75.6 0.0 154.0

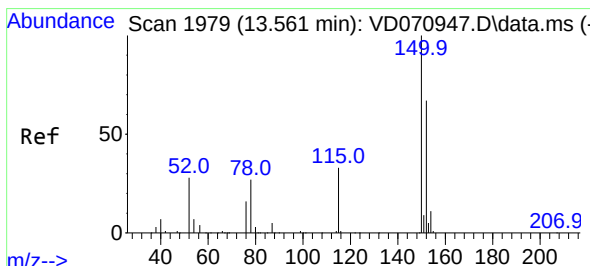
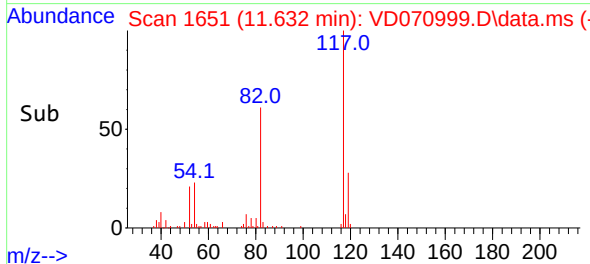
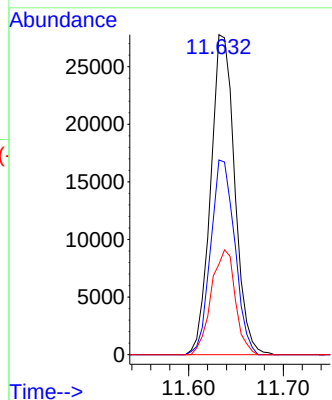
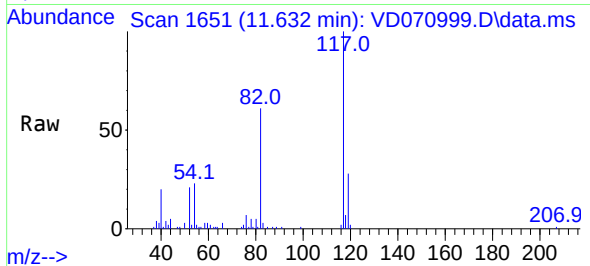




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD070999.D
Acq: 11 Nov 2021 18:49

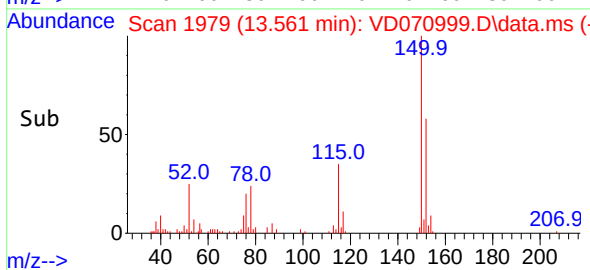
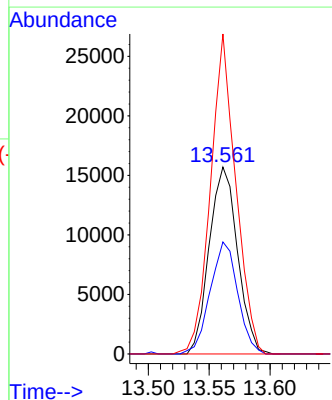
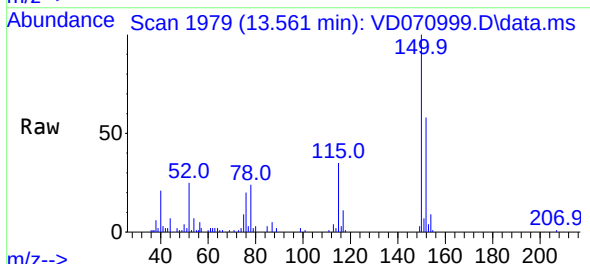
Instrument :
MSVOA_D
ClientSampleId :
TR-05-110921

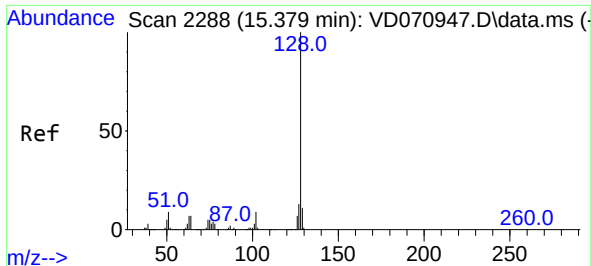
Tgt Ion:	117	Resp:	48969
Ion	Ratio	Lower	Upper
117	100		
82	60.9	44.7	67.1
119	28.3	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070999.D
Acq: 11 Nov 2021 18:49

Tgt Ion:	152	Resp:	25421
Ion	Ratio	Lower	Upper
152	100		
115	58.4	29.8	89.3
150	153.2	0.0	349.2





#95

Naphthalene

Concen: 13.224 ug/l

RT: 15.379 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD070999.D

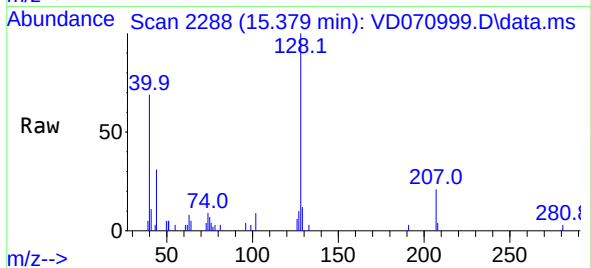
Acq: 11 Nov 2021 18:49

Instrument :

MSVOA_D

ClientSampleId :

TR-05-110921



Tgt Ion:128 Resp: 10710

Ion	Ratio	Lower	Upper
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128	100		
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127	14.0	10.7	16.1
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129	10.9	8.7	13.1
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