

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111521\
 Data File : VD071028.D
 Acq On : 15 Nov 2021 14:49
 Operator : VA/SY
 Sample : M4563-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-1

Quant Time: Nov 16 03:21:20 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)

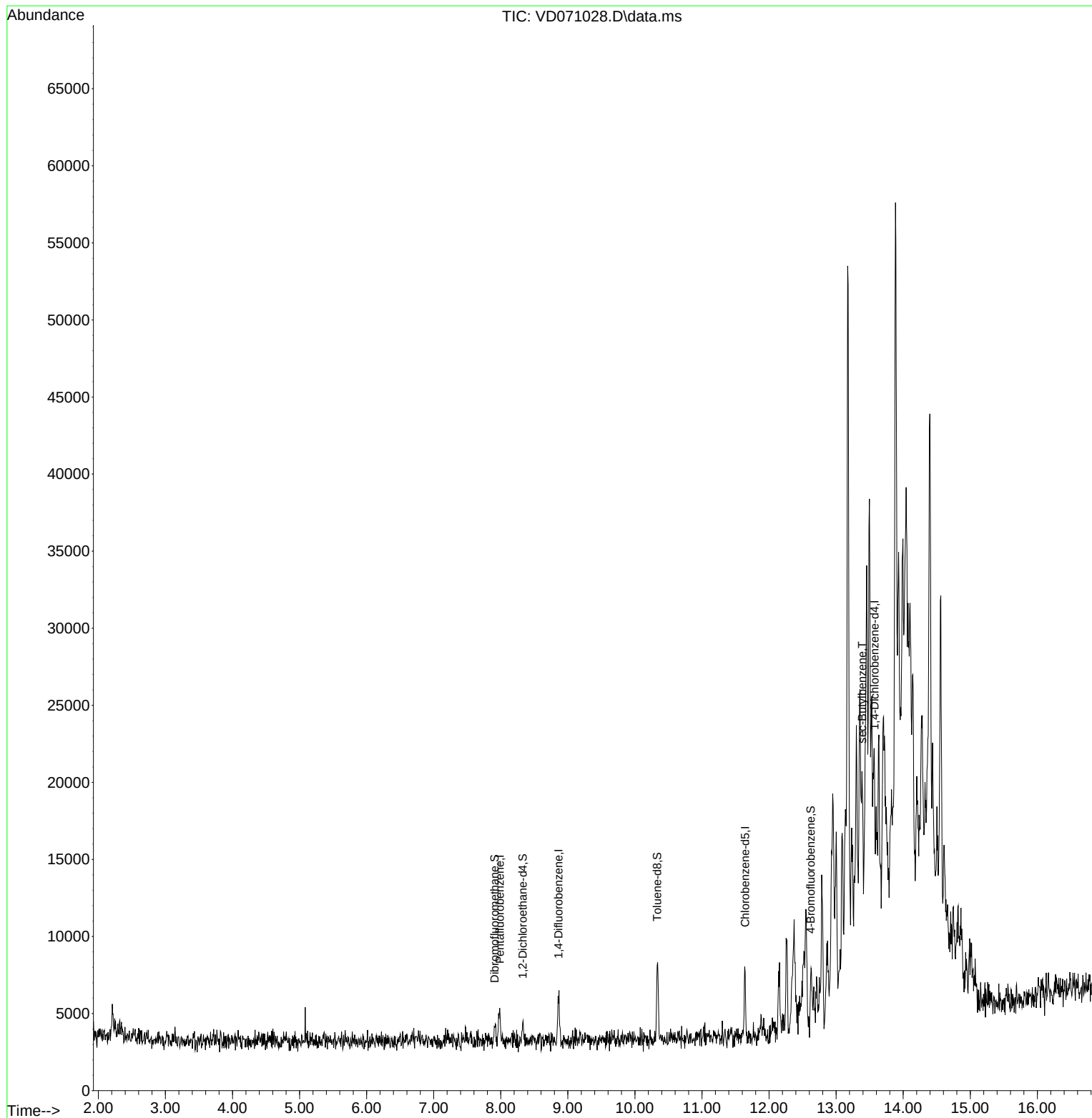
Internal Standards						
1) Pentafluorobenzene	7.985	168	2169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	3079	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	2181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	617	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	1028	44.515	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.020%
35) Dibromofluoromethane	7.908	113	873	50.247	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.500%
50) Toluene-d8	10.332	98	3859	56.715	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.440%
62) 4-Bromofluorobenzene	12.620	95	1180	48.165	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.340%
Target Compounds						Qvalue
85) sec-Butylbenzene	13.390	105	2465	52.008	ug/l	92

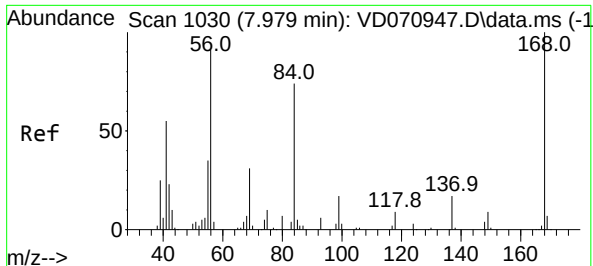
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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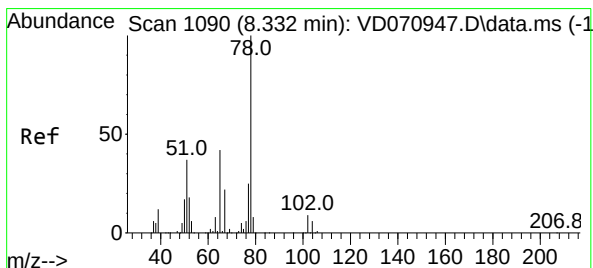
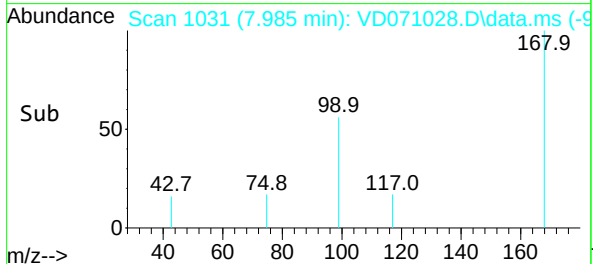
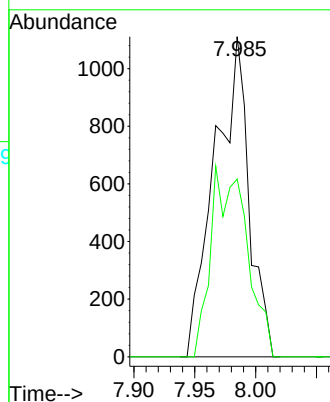
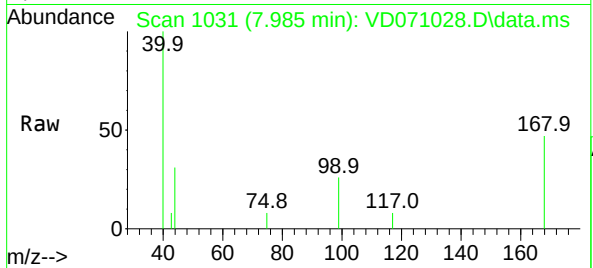




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.985 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071028.D
Acq: 15 Nov 2021 14:49

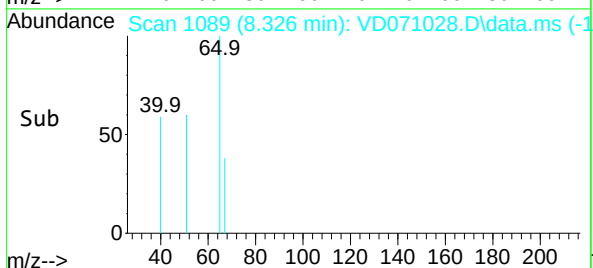
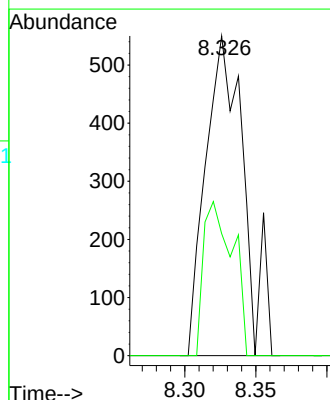
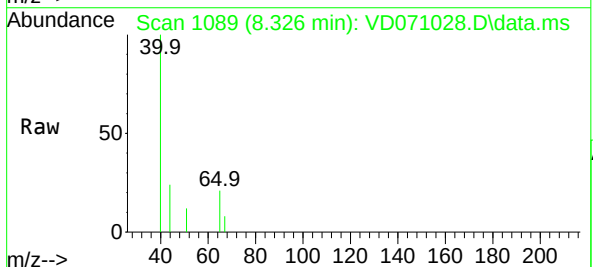
Instrument :
MSVOA_D
ClientSampleId :
S-1

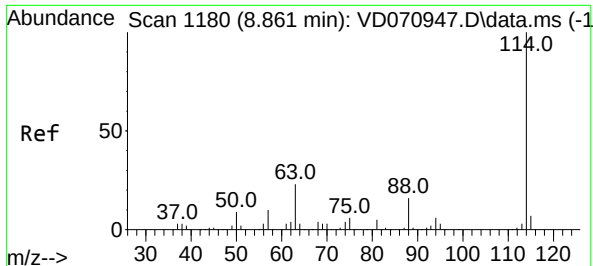
Tgt Ion:168 Resp: 2169
Ion Ratio Lower Upper
168 100
99 55.5 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 44.515 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD071028.D
Acq: 15 Nov 2021 14:49

Tgt Ion: 65 Resp: 1028
Ion Ratio Lower Upper
65 100
67 37.2 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: VD071028.D

Acq: 15 Nov 2021 14:49

Instrument :

MSVOA_D

ClientSampleId :

S-1

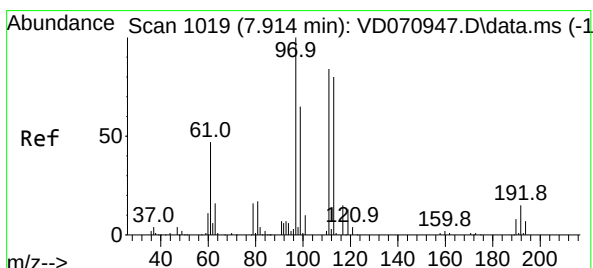
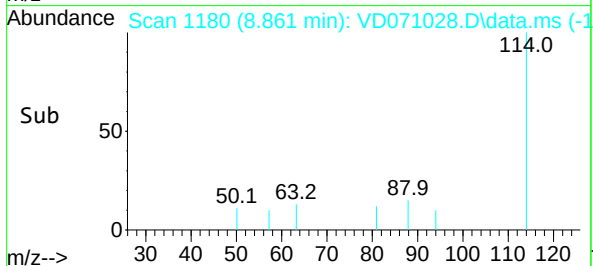
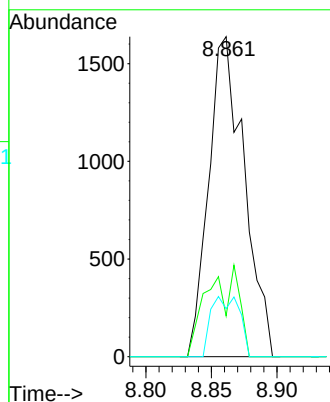
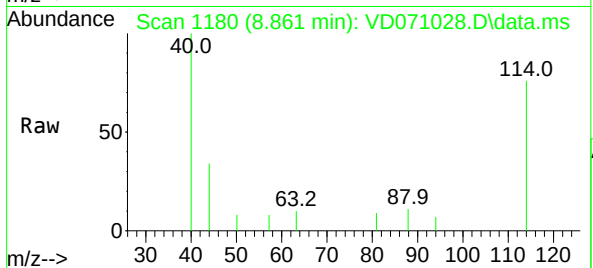
Tgt Ion:114 Resp: 3079

Ion Ratio Lower Upper

114 100

63 12.8 0.0 41.8

88 15.0 0.0 32.8



#35

Dibromofluoromethane

Concen: 50.247 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD071028.D

Acq: 15 Nov 2021 14:49

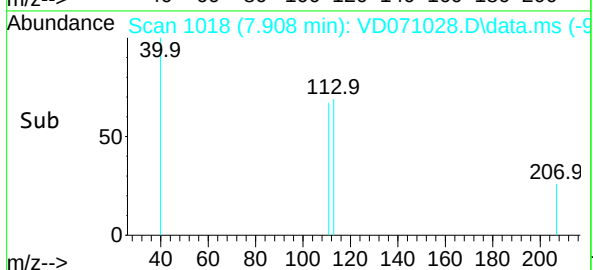
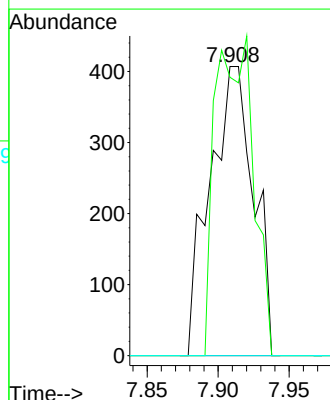
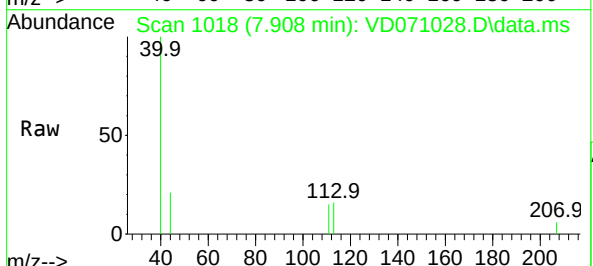
Tgt Ion:113 Resp: 873

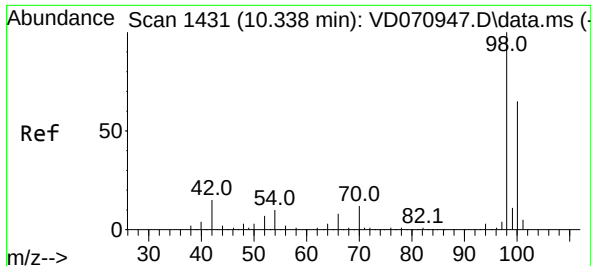
Ion Ratio Lower Upper

113 100

111 96.0 82.0 123.0

192 0.0 15.2 22.8#

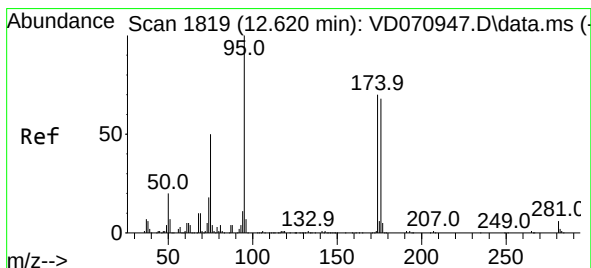
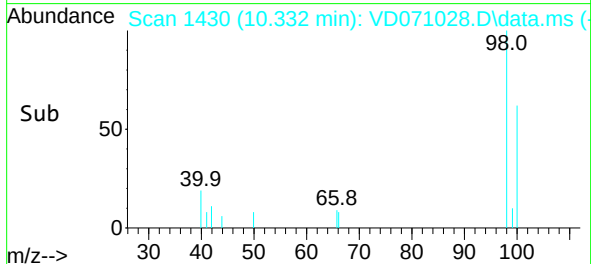
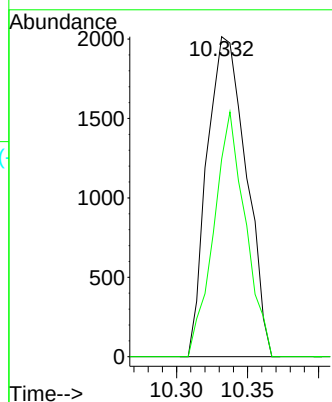
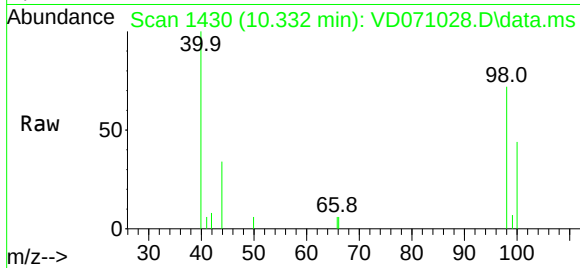




#50
Toluene-d8
Concen: 56.715 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071028.D
Acq: 15 Nov 2021 14:49

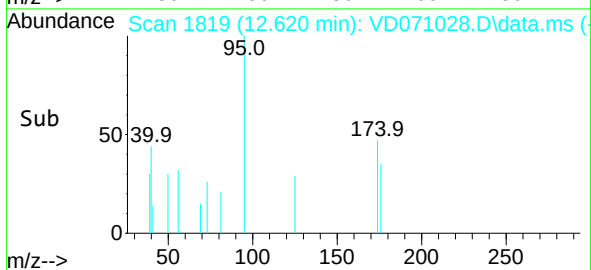
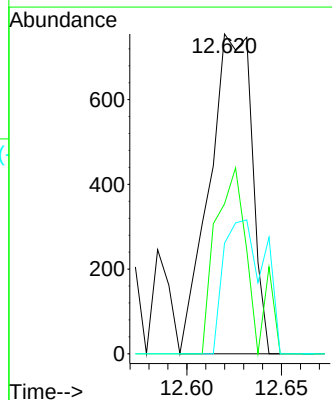
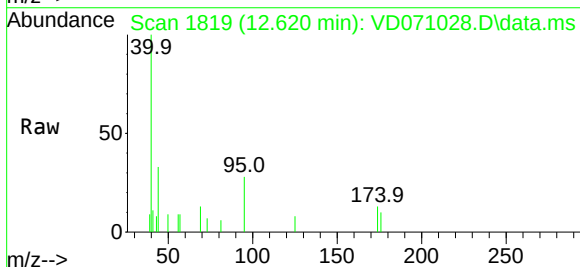
Instrument :
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ClientSampleId :
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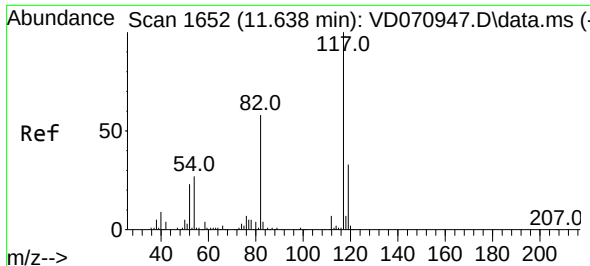
Tgt Ion: 98 Resp: 3859
Ion Ratio Lower Upper
98 100
100 62.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 48.165 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD071028.D
Acq: 15 Nov 2021 14:49

Tgt Ion: 95 Resp: 1180
Ion Ratio Lower Upper
95 100
174 46.4 0.0 159.4
176 39.7 0.0 154.0

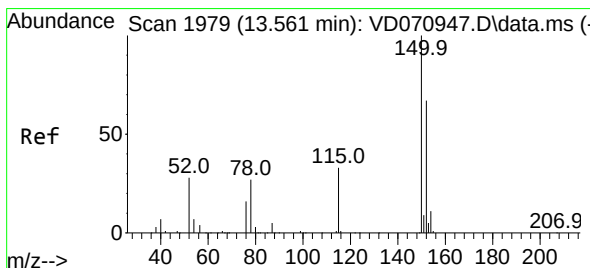
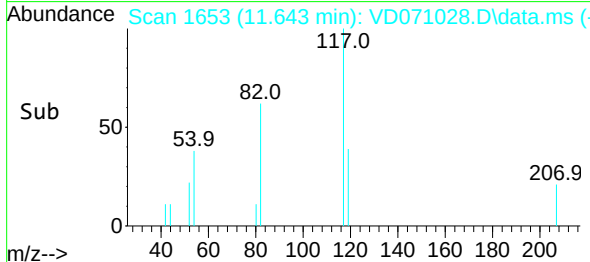
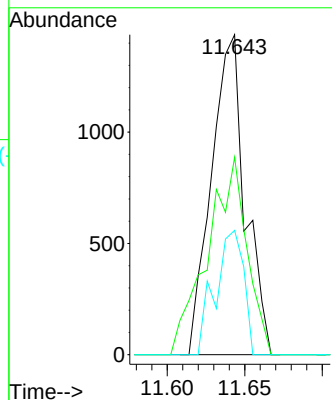
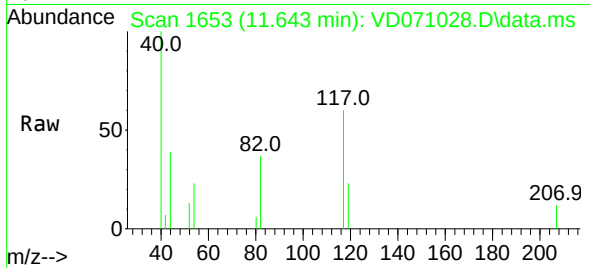




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD071028.D
Acq: 15 Nov 2021 14:49

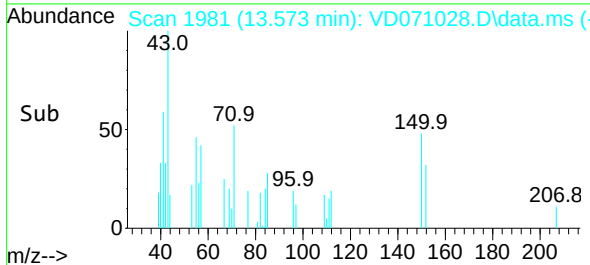
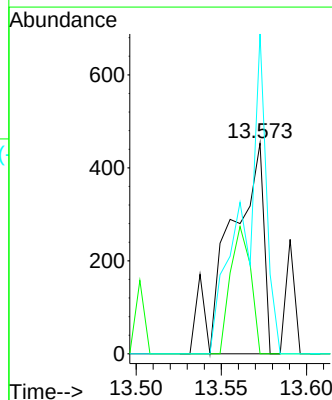
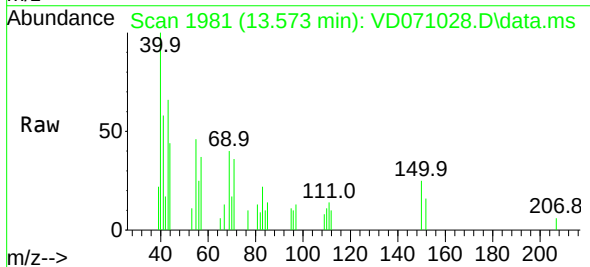
Instrument :
MSVOA_D
ClientSampleId :
S-1

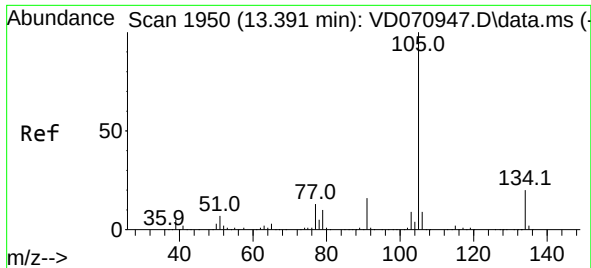
Tgt Ion:	117	Resp:	2181
Ion	Ratio	Lower	Upper
117	100		
82	61.7	44.7	67.1
119	38.9	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.012 min
Lab File: VD071028.D
Acq: 15 Nov 2021 14:49

Tgt Ion:	152	Resp:	617
Ion	Ratio	Lower	Upper
152	100		
115	36.6	29.8	89.3
150	100.5	0.0	349.2





#85
 sec-Butylbenzene
 Concen: 52.008 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.001 min
 Lab File: VD071028.D
 Acq: 15 Nov 2021 14:49

Instrument :
 MSVOA_D
 ClientSampleId :
 S-1

Tgt Ion:105 Resp: 2465
 Ion Ratio Lower Upper
 105 100
 134 15.8 9.7 28.9

