

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111121\
 Data File : VD071000.D
 Acq On : 11 Nov 2021 19:18
 Operator : VA/SY
 Sample : M4628-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LAMINGTON-COMP

Quant Time: Nov 12 08:04:26 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)

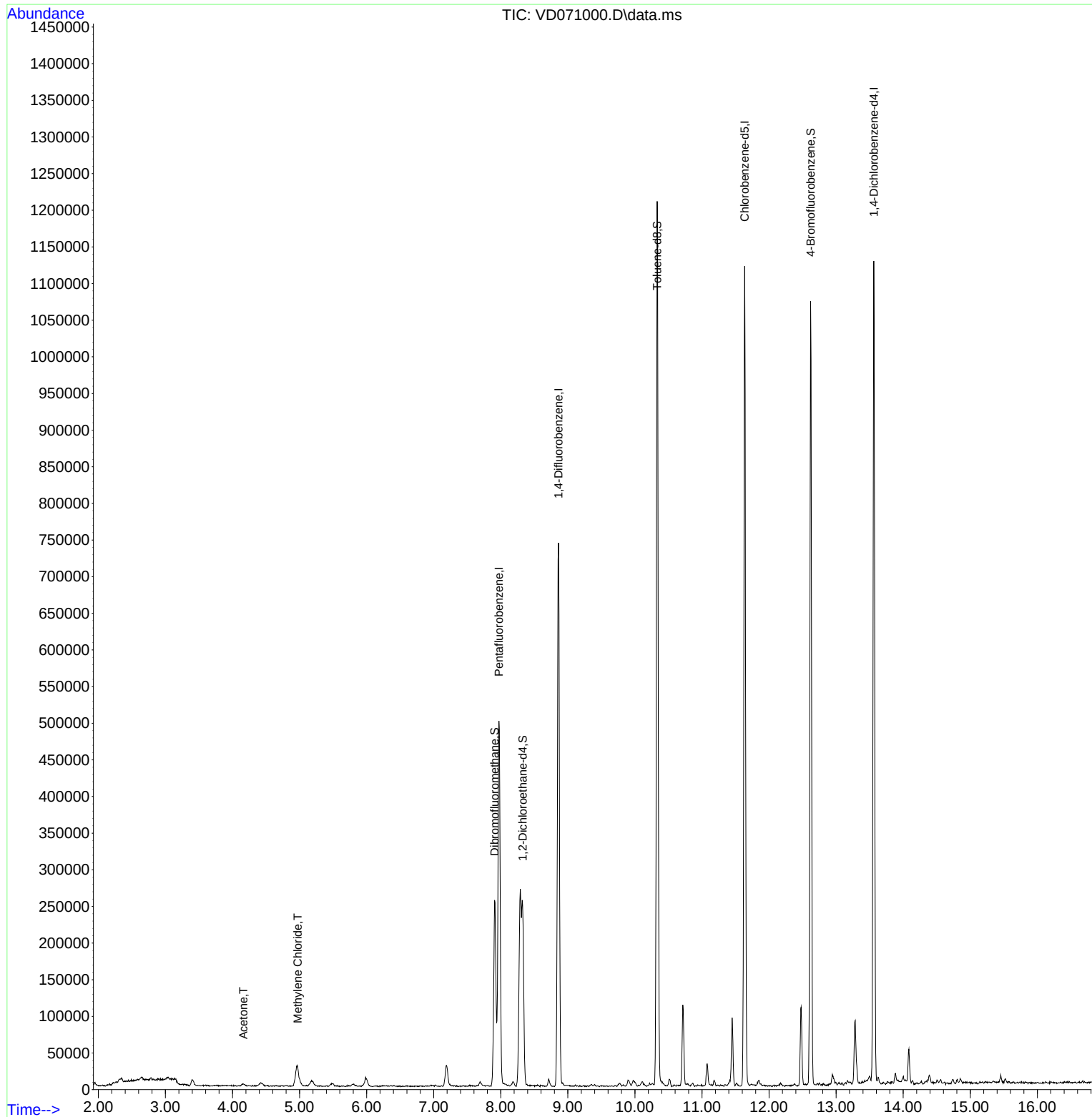
Internal Standards						
1) Pentafluorobenzene	7.973	168	367557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	624360	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	598721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	281536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	175449	44.833	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.660%
35) Dibromofluoromethane	7.908	113	177655	50.425	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.860%
50) Toluene-d8	10.332	98	791259	57.348	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	114.700%
62) 4-Bromofluorobenzene	12.620	95	289245	58.223	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.440%
Target Compounds						
					Qvalue	
16) Acetone	4.162	43	5794	24.844	ug/l #	79
20) Methylene Chloride	4.973	84	19701	4.038	ug/l #	85

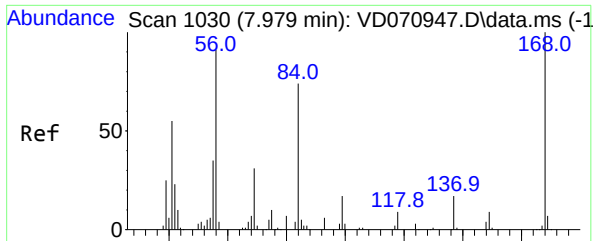
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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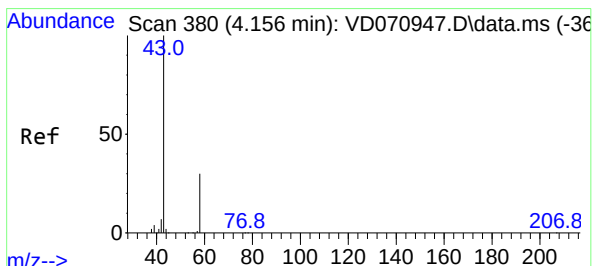
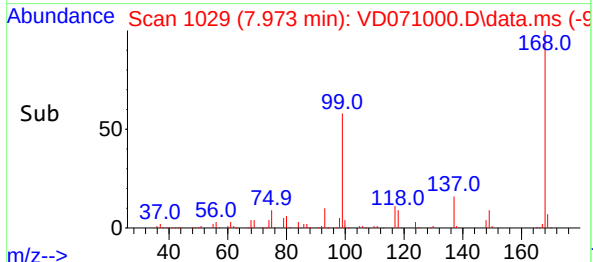
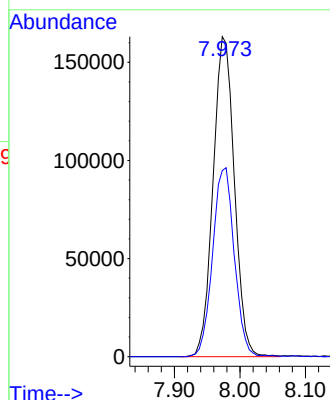
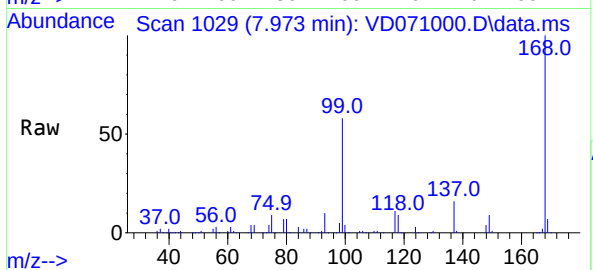




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071000.D
Acq: 11 Nov 2021 19:18

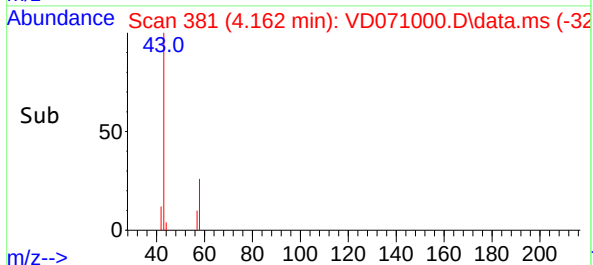
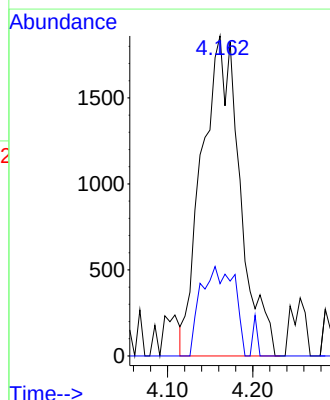
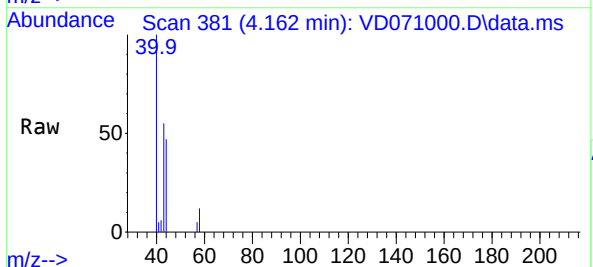
Instrument :
MSVOA_D
ClientSampleId :
LAMINGTON-COMP

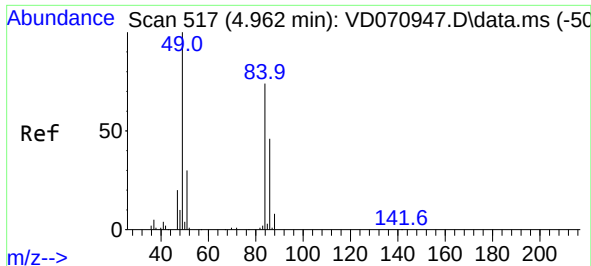
Tgt Ion:168 Resp: 367557
Ion Ratio Lower Upper
168 100
99 58.1 46.6 69.8



#16
Acetone
Concen: 24.844 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071000.D
Acq: 11 Nov 2021 19:18

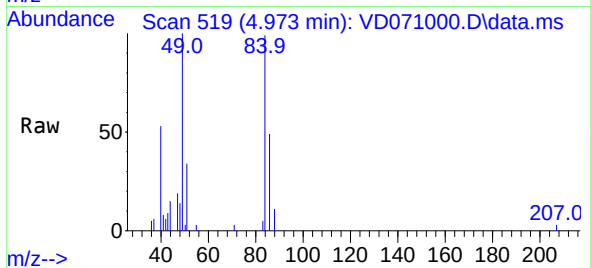
Tgt Ion: 43 Resp: 5794
Ion Ratio Lower Upper
43 100
58 22.6 27.8 41.8#



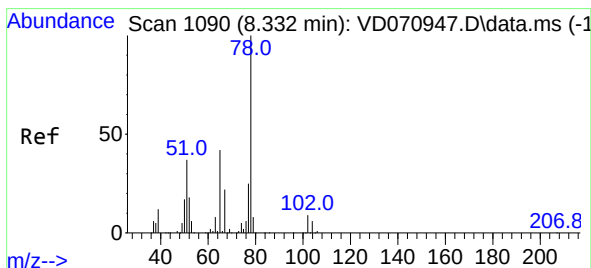
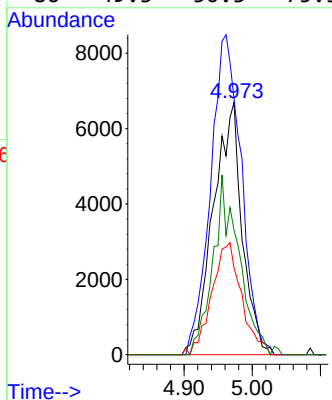
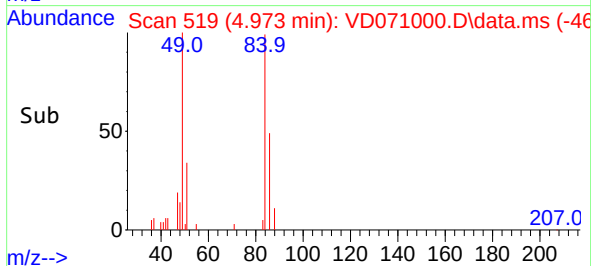


#20
Methylene Chloride
Concen: 4.038 ug/l
RT: 4.973 min Scan# 517
Delta R.T. 0.011 min
Lab File: VD071000.D
Acq: 11 Nov 2021 19:18

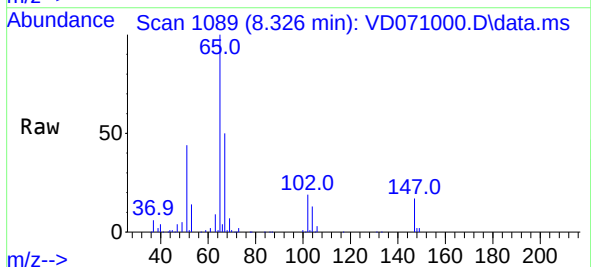
Instrument :
MSVOA_D
ClientSampleId :
LAMINGTON-COMP



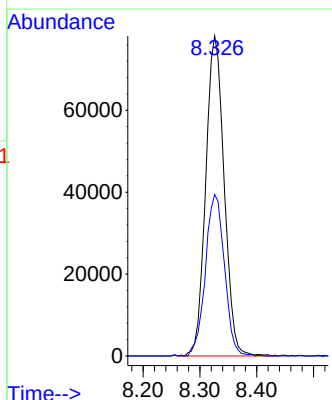
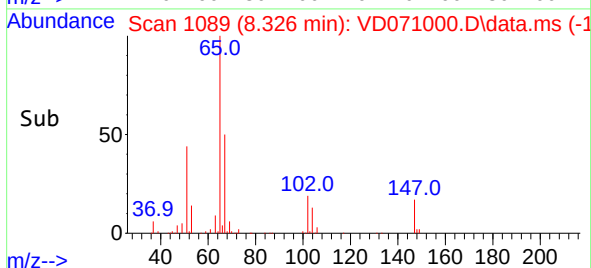
Tgt Ion: 84 Resp: 19701
Ion Ratio Lower Upper
84 100
49 101.3 95.8 143.6
51 34.4 30.9 46.3
86 49.3 50.3 75.5#

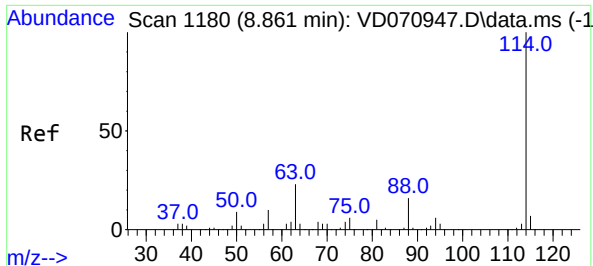


#33
1,2-Dichloroethane-d4
Concen: 44.833 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD071000.D
Acq: 11 Nov 2021 19:18



Tgt Ion: 65 Resp: 175449
Ion Ratio Lower Upper
65 100
67 52.3 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: VD071000.D

Acq: 11 Nov 2021 19:18

Instrument :

MSVOA_D

ClientSampleId :

LAMINGTON-COMP

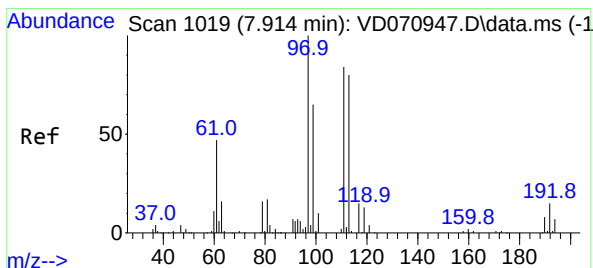
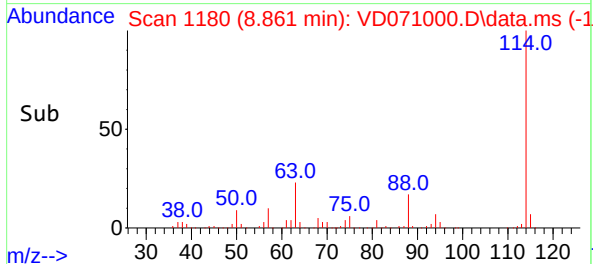
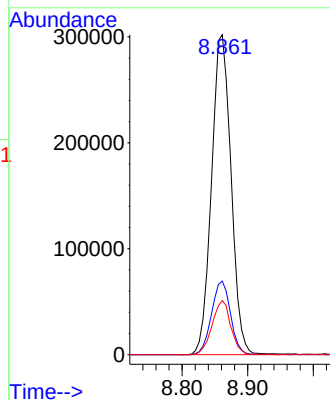
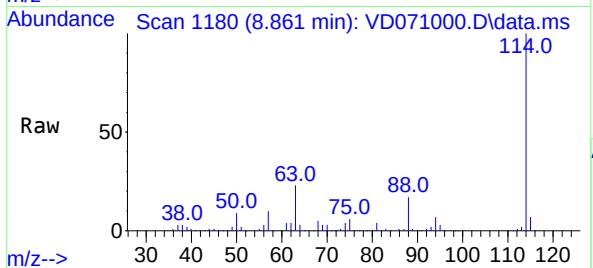
Tgt Ion:114 Resp: 624360

Ion Ratio Lower Upper

114 100

63 23.0 0.0 41.8

88 16.9 0.0 32.8



#35

Dibromofluoromethane

Concen: 50.425 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD071000.D

Acq: 11 Nov 2021 19:18

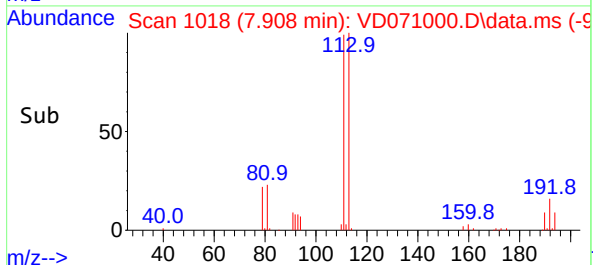
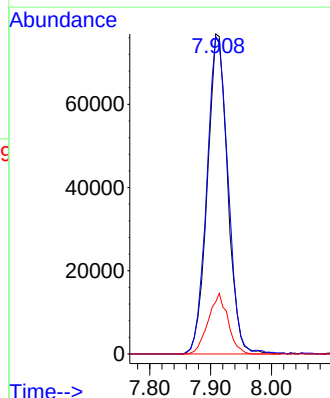
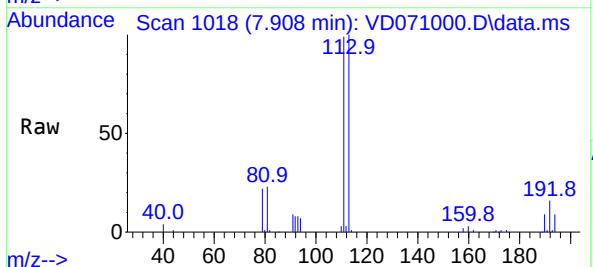
Tgt Ion:113 Resp: 177655

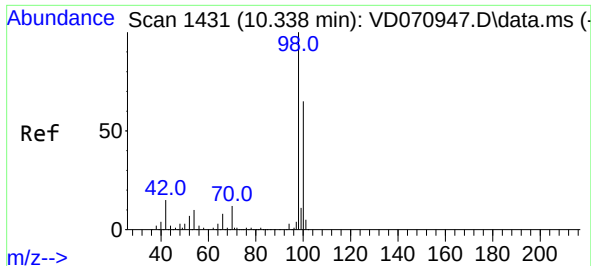
Ion Ratio Lower Upper

113 100

111 104.0 82.0 123.0

192 18.4 15.2 22.8

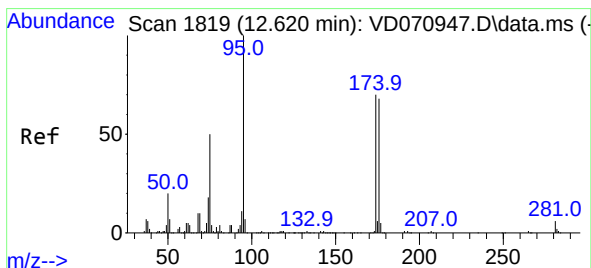
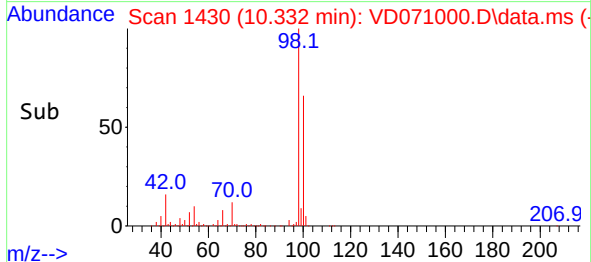
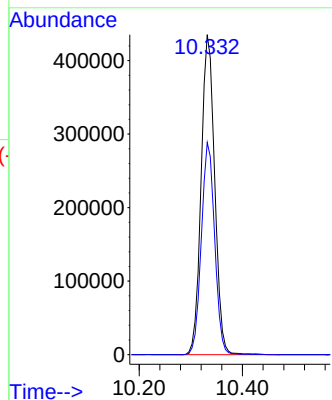
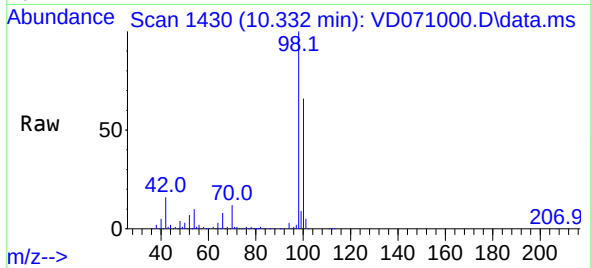




#50
Toluene-d8
Concen: 57.348 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071000.D
Acq: 11 Nov 2021 19:18

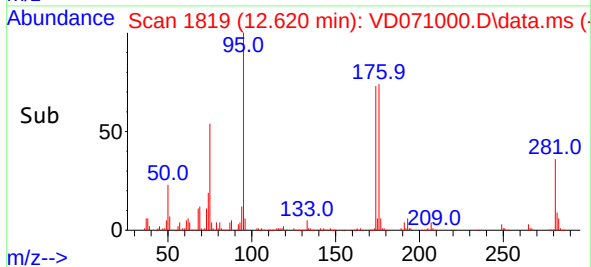
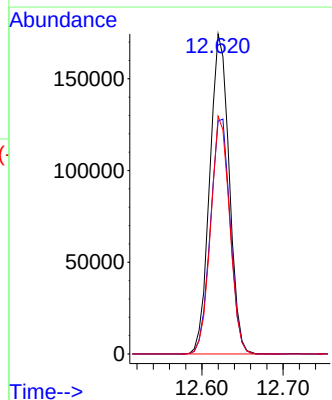
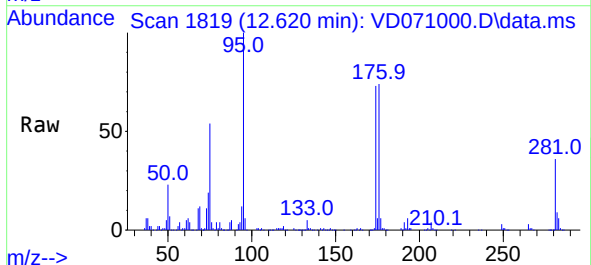
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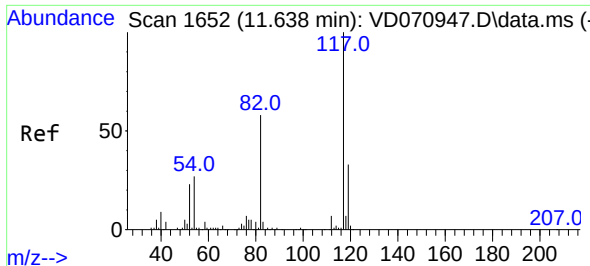
Tgt Ion: 98 Resp: 791259
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 58.223 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD071000.D
Acq: 11 Nov 2021 19:18

Tgt Ion: 95 Resp: 289245
Ion Ratio Lower Upper
95 100
174 74.6 0.0 159.4
176 72.7 0.0 154.0

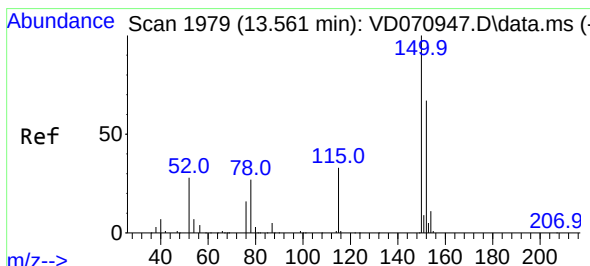
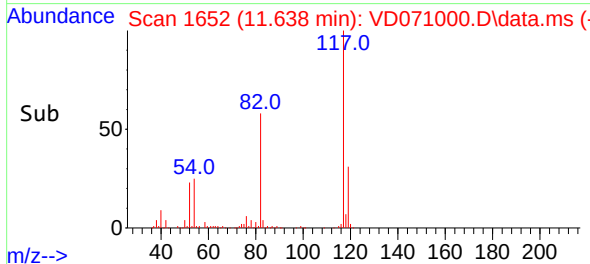
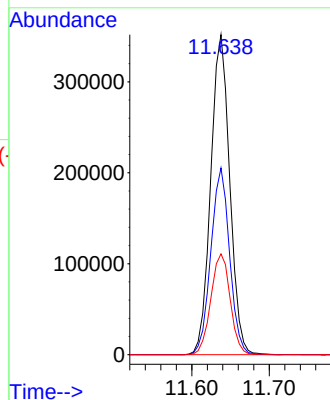
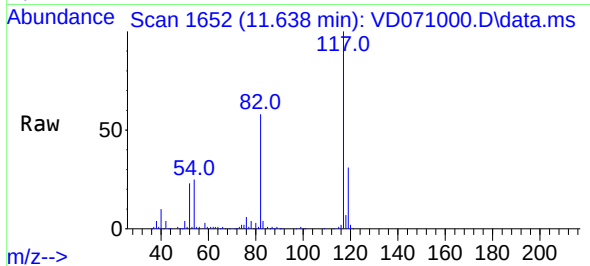




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071000.D
Acq: 11 Nov 2021 19:18

Instrument :
MSVOA_D
ClientSampleId :
LAMINGTON-COMP

Tgt Ion:117 Resp: 598721
Ion Ratio Lower Upper
117 100
82 58.4 44.7 67.1
119 31.5 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: VD071000.D
Acq: 11 Nov 2021 19:18

Tgt Ion:152 Resp: 281536
Ion Ratio Lower Upper
152 100
115 60.4 29.8 89.3
150 156.6 0.0 349.2

