

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122021\
 Data File : VD071398.D
 Acq On : 20 Dec 2021 19:43
 Operator : VA/SY
 Sample : M5178-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-122021

Quant Time: Dec 20 20:56:22 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)

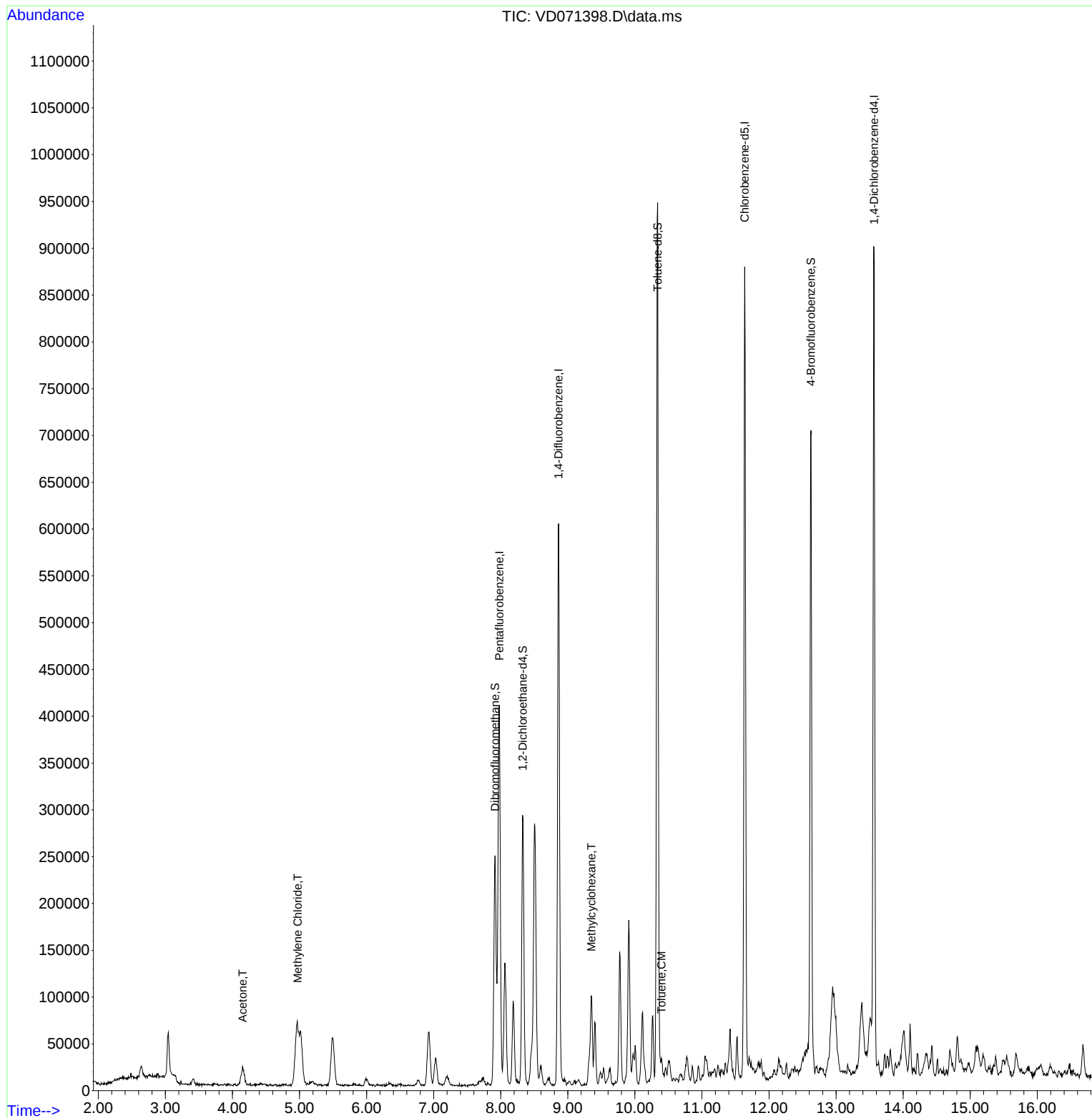
Internal Standards						
1) Pentafluorobenzene	7.979	168	261644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	472040	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	452665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	220433	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	233974	76.211	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	152.420%
35) Dibromofluoromethane	7.914	113	168743	56.137	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.280%
50) Toluene-d8	10.338	98	596961	52.186	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.380%
62) 4-Bromofluorobenzene	12.626	95	218477	55.099	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.200%
Target Compounds						
					Qvalue	
16) Acetone	4.150	43	28513	61.463	ug/l #	78
20) Methylene Chloride	4.973	84	26582	4.805	ug/l #	83
39) Methylcyclohexane	9.350	83	17917	3.376	ug/l #	77
52) Toluene	10.397	92	8603	1.131	ug/l	91

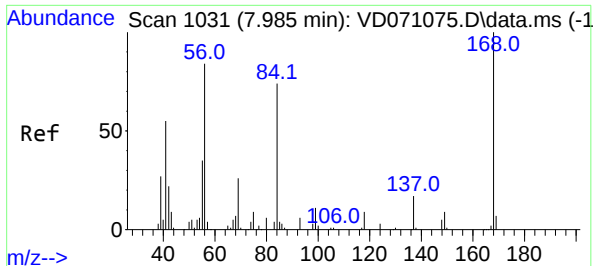
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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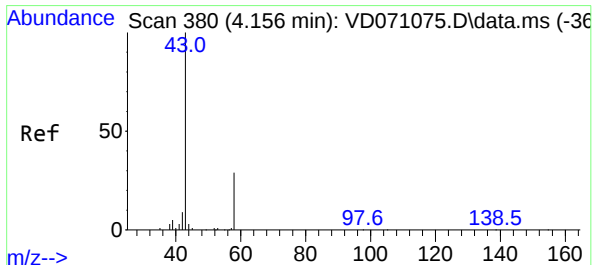
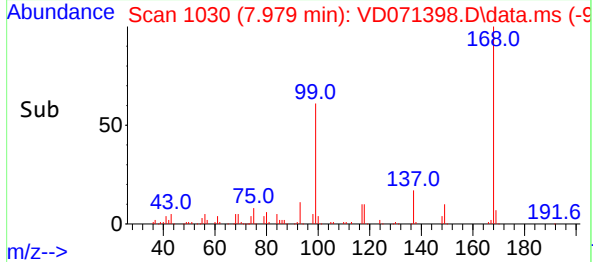
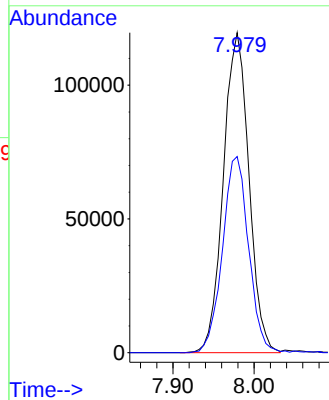
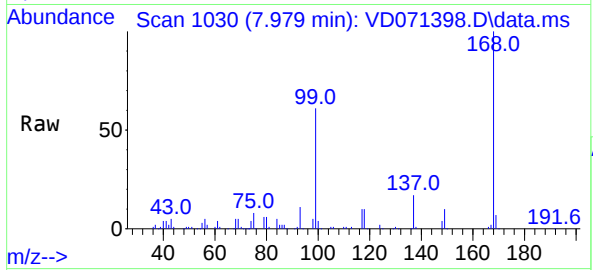




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071398.D
Acq: 20 Dec 2021 19:43

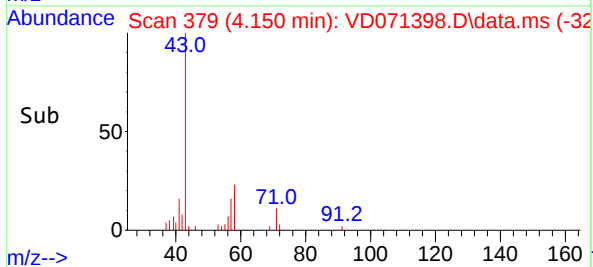
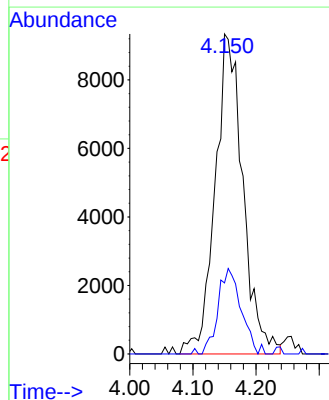
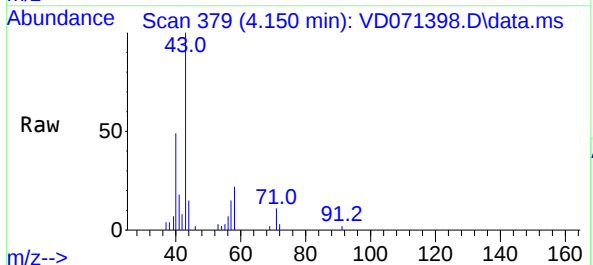
Instrument :
MSVOA_D
ClientSampleId :
CL-02-122021

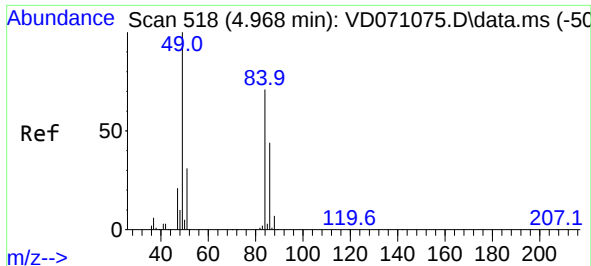
Tgt Ion:168 Resp: 261644
Ion Ratio Lower Upper
168 100
99 61.3 46.6 69.8



#16
Acetone
Concen: 61.463 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD071398.D
Acq: 20 Dec 2021 19:43

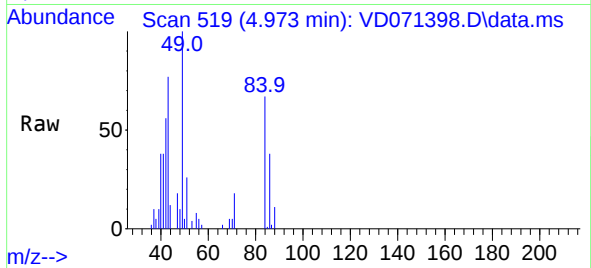
Tgt Ion: 43 Resp: 28513
Ion Ratio Lower Upper
43 100
58 22.2 27.8 41.8#



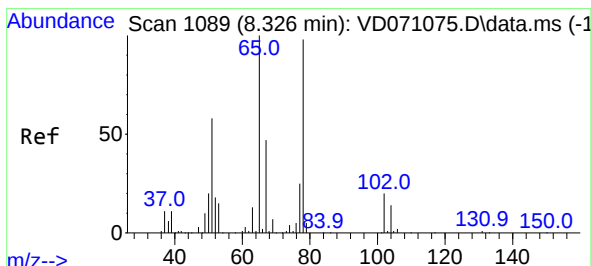
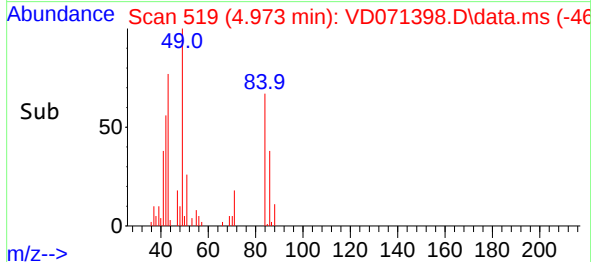
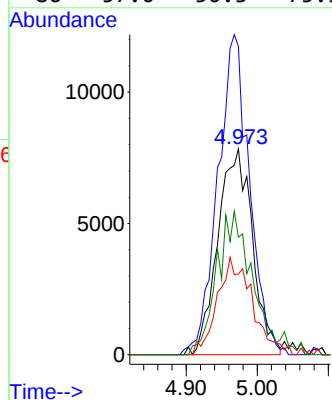


#20
Methylene Chloride
Concen: 4.805 ug/l
RT: 4.973 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD071398.D
Acq: 20 Dec 2021 19:43

Instrument :
MSVOA_D
ClientSampleId :
CL-02-122021

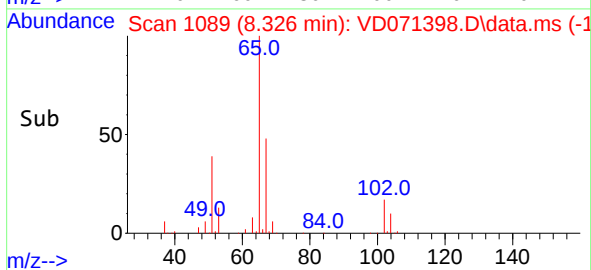
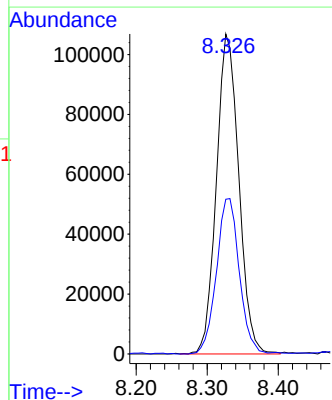
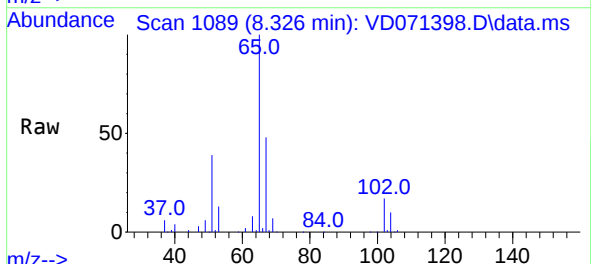


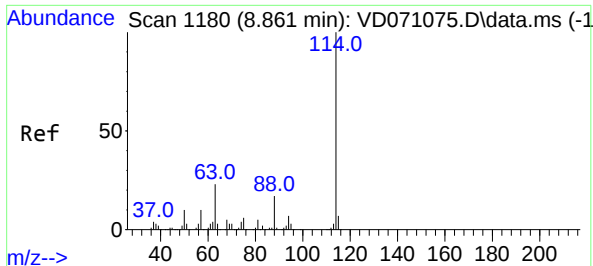
Tgt Ion: 84 Resp: 26582
Ion Ratio Lower Upper
84 100
49 149.7 95.8 143.6#
51 39.1 30.9 46.3
86 57.0 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 76.211 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071398.D
Acq: 20 Dec 2021 19:43

Tgt Ion: 65 Resp: 233974
Ion Ratio Lower Upper
65 100
67 49.5 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: VD071398.D

Acq: 20 Dec 2021 19:43

Instrument :

MSVOA_D

ClientSampleId :

CL-02-122021

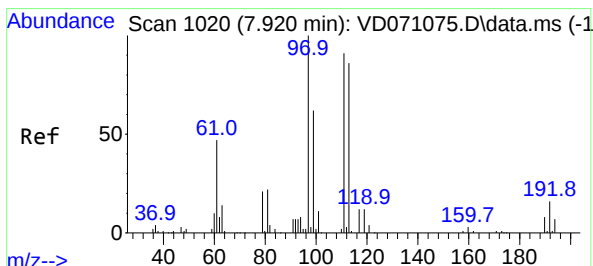
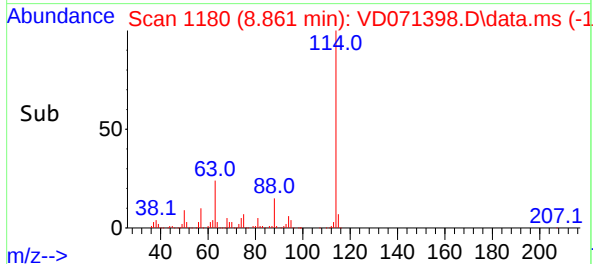
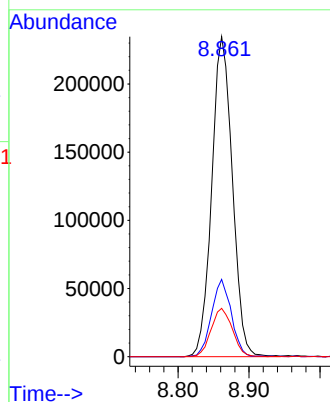
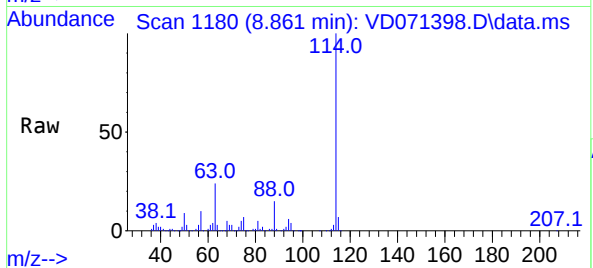
Tgt Ion:114 Resp: 472040

Ion Ratio Lower Upper

114 100

63 24.2 0.0 41.8

88 15.1 0.0 32.8



#35

Dibromofluoromethane

Concen: 56.137 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071398.D

Acq: 20 Dec 2021 19:43

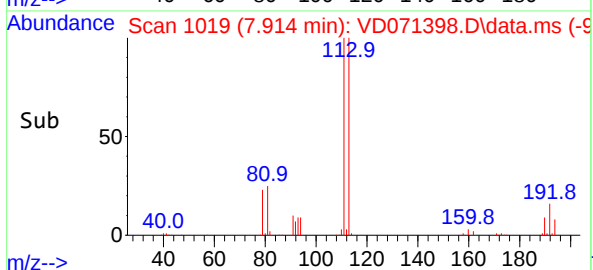
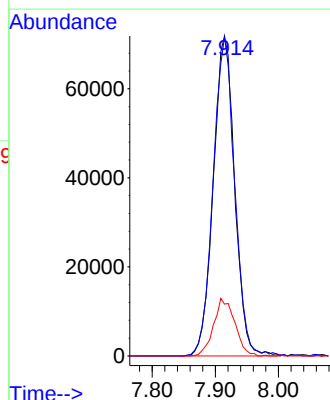
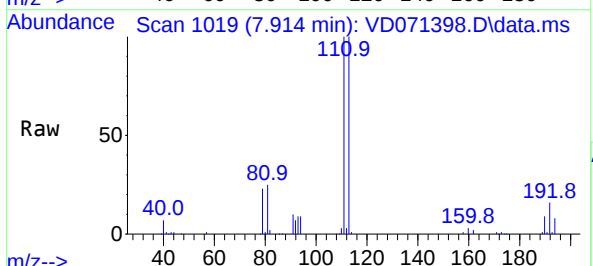
Tgt Ion:113 Resp: 168743

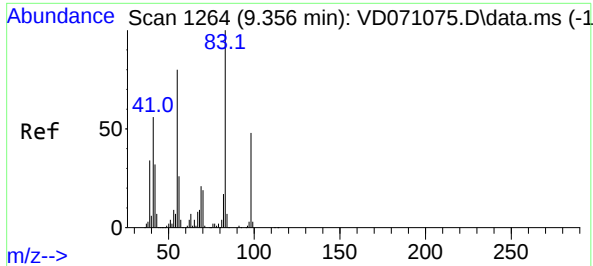
Ion Ratio Lower Upper

113 100

111 101.1 82.0 123.0

192 17.8 15.2 22.8

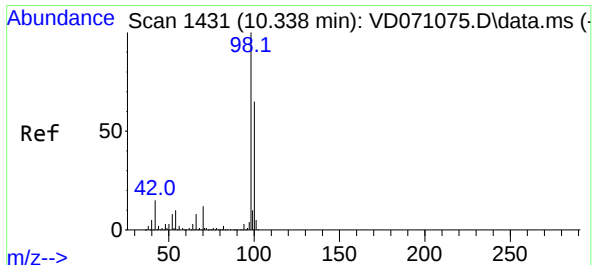
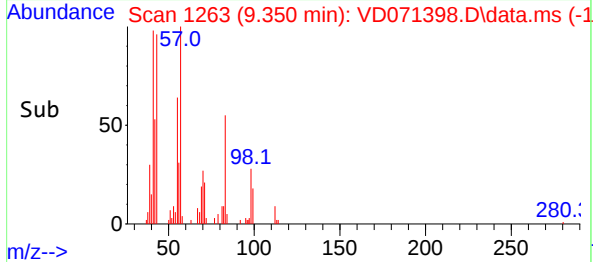
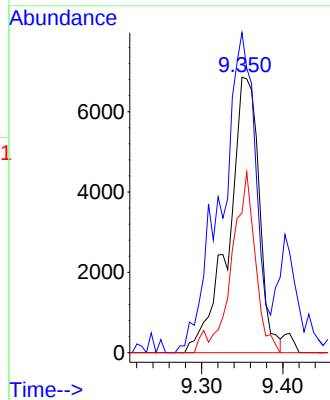
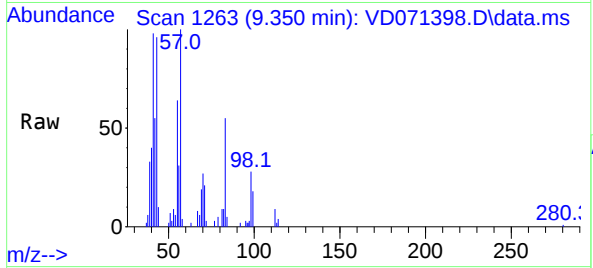




#39
Methylcyclohexane
Concen: 3.376 ug/l
RT: 9.350 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071398.D
Acq: 20 Dec 2021 19:43

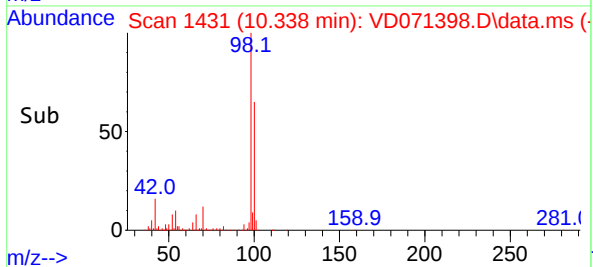
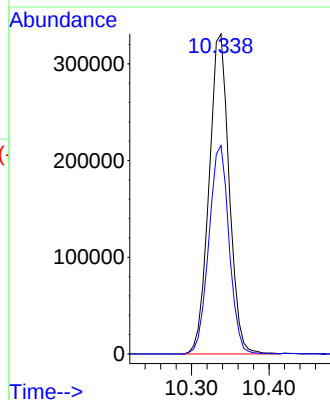
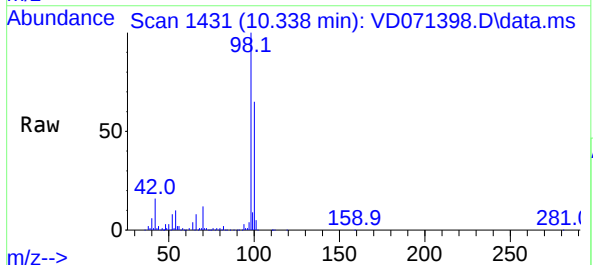
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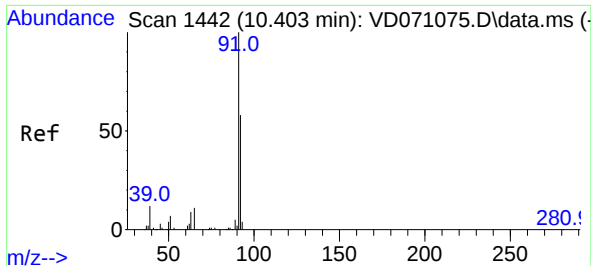
Tgt Ion: 83 Resp: 17917
Ion Ratio Lower Upper
83 100
55 113.7 65.8 98.8#
98 50.6 38.7 58.1



#50
Toluene-d8
Concen: 52.186 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071398.D
Acq: 20 Dec 2021 19:43

Tgt Ion: 98 Resp: 596961
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6

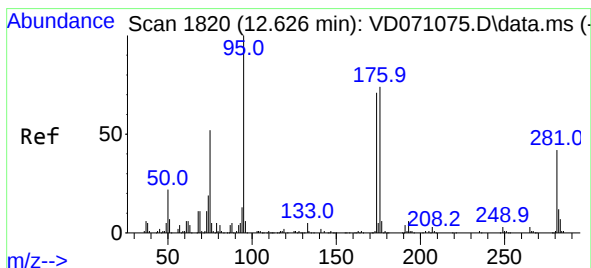
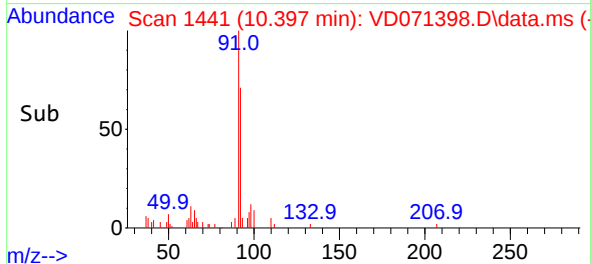
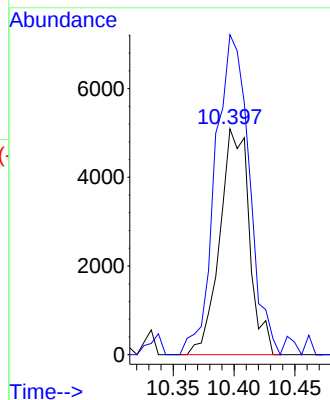
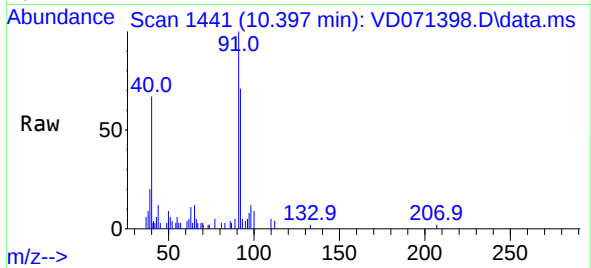




#52
Toluene
Concen: 1.131 ug/l
RT: 10.397 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VD071398.D
Acq: 20 Dec 2021 19:43

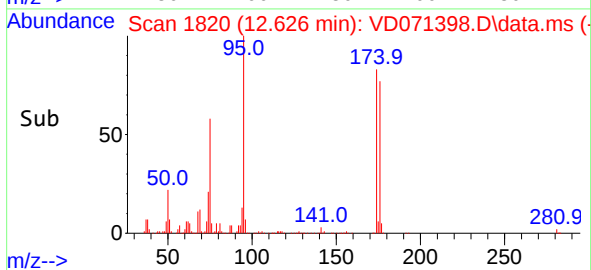
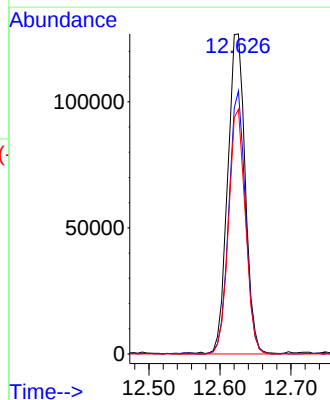
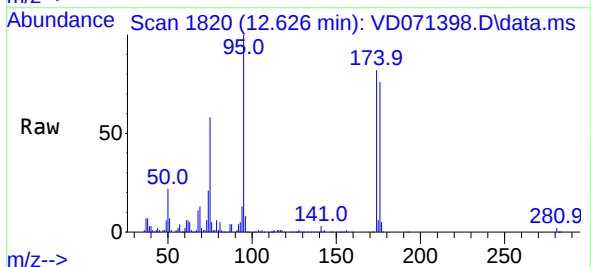
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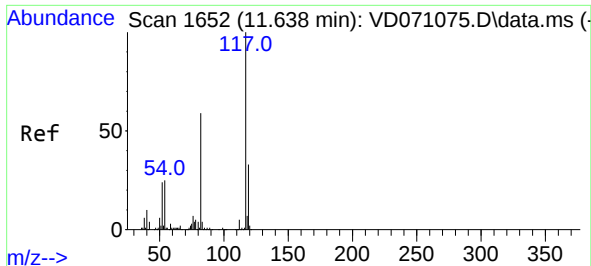
Tgt Ion: 92 Resp: 8603
Ion Ratio Lower Upper
92 100
91 162.9 140.7 211.1



#62
4-Bromofluorobenzene
Concen: 55.099 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071398.D
Acq: 20 Dec 2021 19:43

Tgt Ion: 95 Resp: 218477
Ion Ratio Lower Upper
95 100
174 77.8 0.0 159.4
176 72.8 0.0 154.0

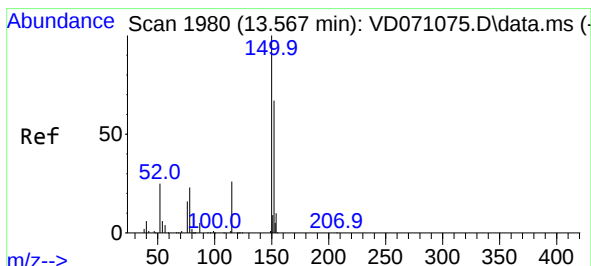
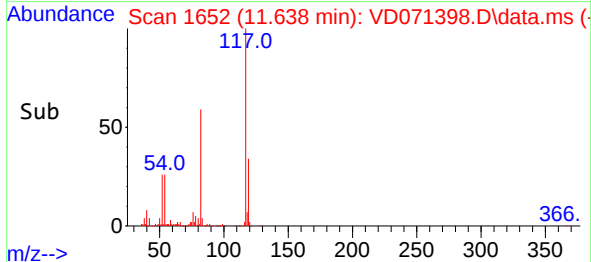
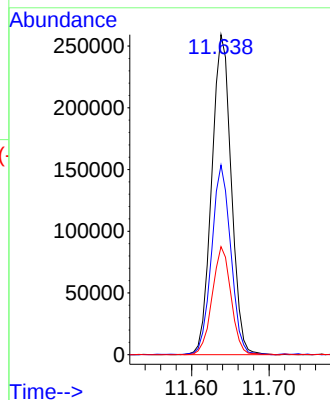
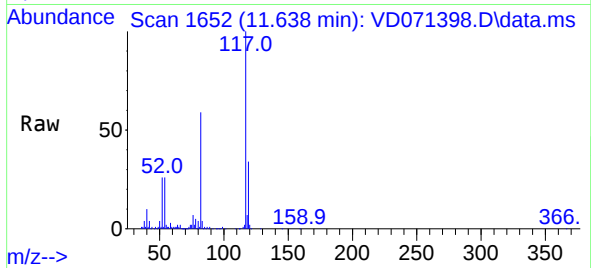




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071398.D
Acq: 20 Dec 2021 19:43

Instrument :
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Tgt Ion:117 Resp: 452665
Ion Ratio Lower Upper
117 100
82 59.2 44.7 67.1
119 33.8 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: VD071398.D
Acq: 20 Dec 2021 19:43

Tgt Ion:152 Resp: 220433
Ion Ratio Lower Upper
152 100
115 59.1 29.8 89.3
150 156.4 0.0 349.2

