

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021122\
 Data File : VD071937.D
 Acq On : 11 Feb 2022 14:44
 Operator : VA/SY
 Sample : N1487-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 251488

Quant Time: Feb 11 23:58:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

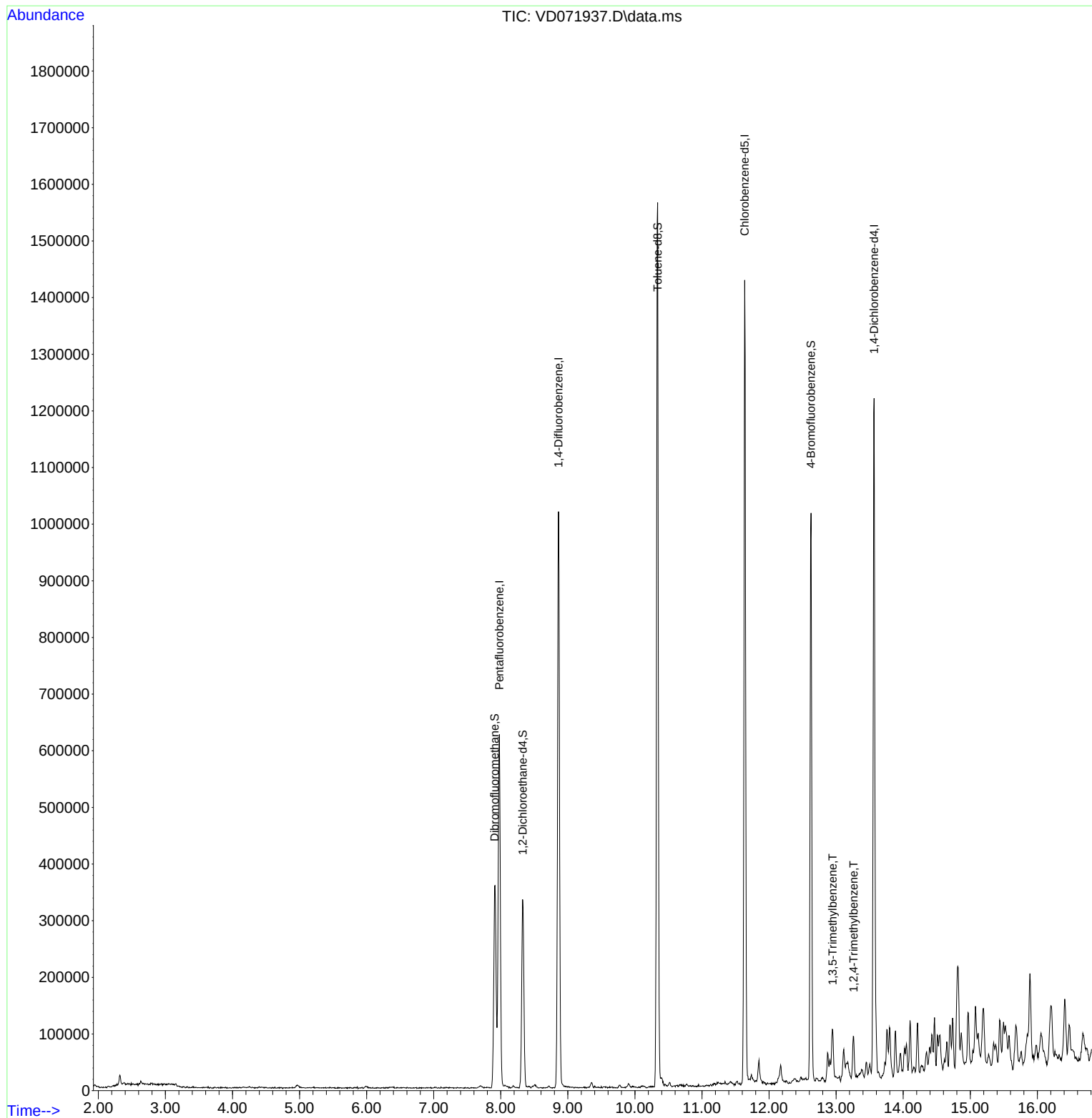
Internal Standards						
1) Pentafluorobenzene	7.979	168	428250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	819784	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	752037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	300656	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	267583	49.435	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.860%
35) Dibromofluoromethane	7.908	113	261183	48.469	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.940%
50) Toluene-d8	10.337	98	1011624	50.267	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.540%
62) 4-Bromofluorobenzene	12.626	95	326849	46.508	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.020%
Target Compounds						
					Qvalue	
80) 1,3,5-Trimethylbenzene	12.949	105	26520	1.373	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	44802	2.359	ug/l	99

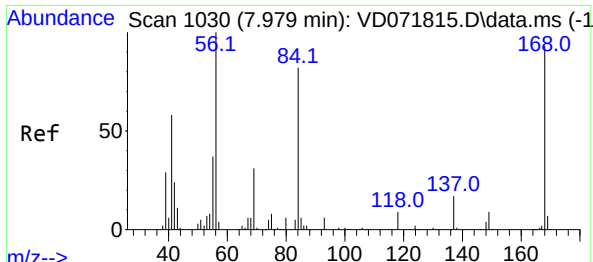
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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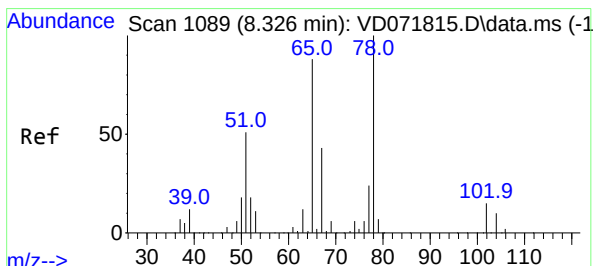
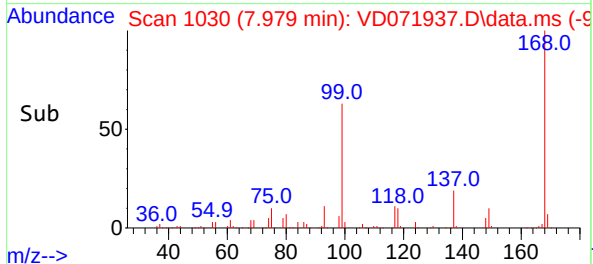
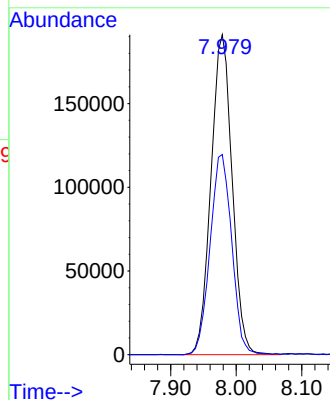
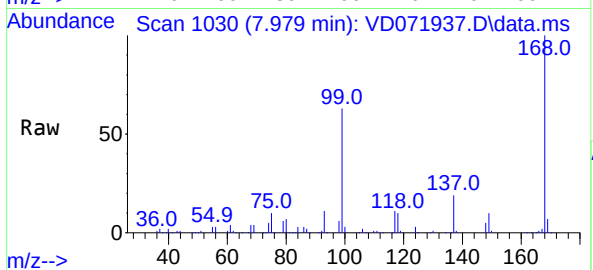




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071937.D
Acq: 11 Feb 2022 14:44

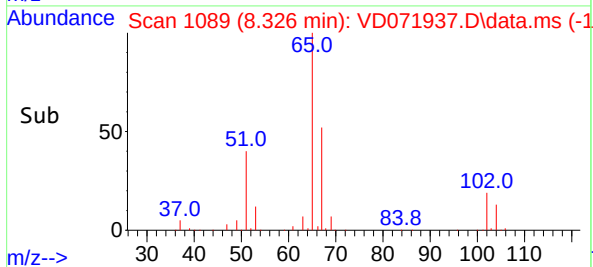
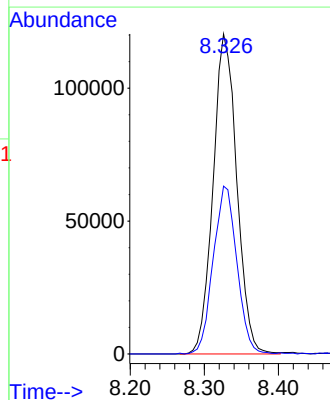
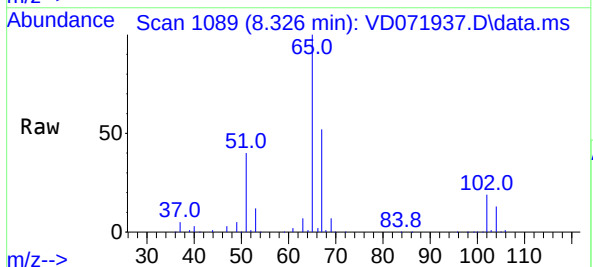
Instrument :
MSVOA_D
ClientSampleId :
251488

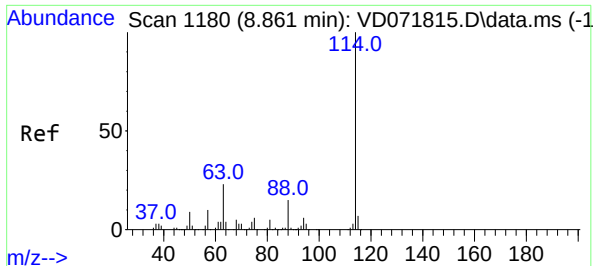
Tgt Ion:168 Resp: 428250
Ion Ratio Lower Upper
168 100
99 62.6 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 49.435 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071937.D
Acq: 11 Feb 2022 14:44

Tgt Ion: 65 Resp: 267583
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.4

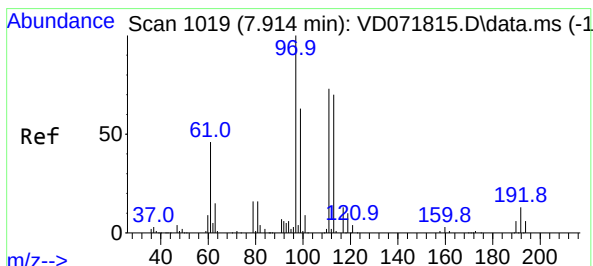
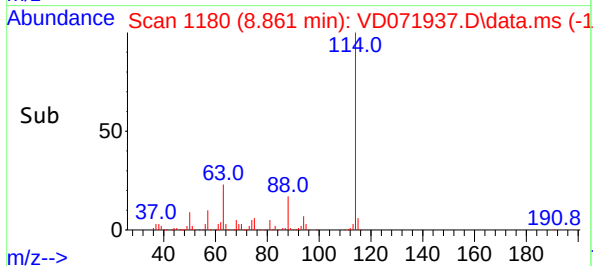
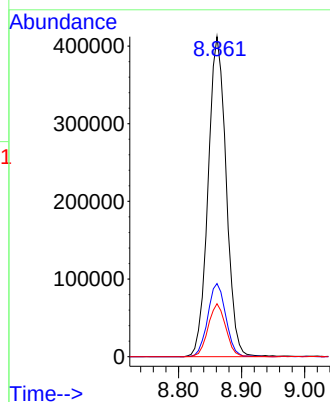
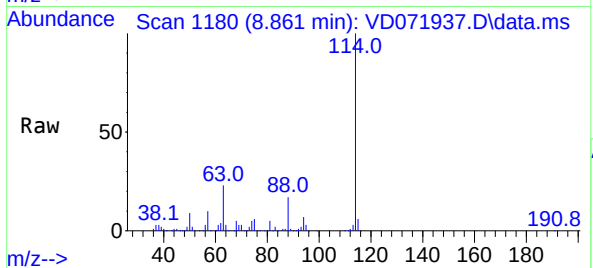




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD071937.D
Acq: 11 Feb 2022 14:44

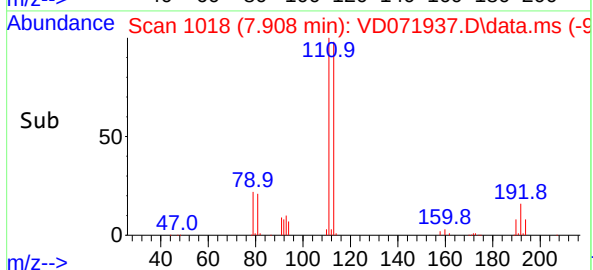
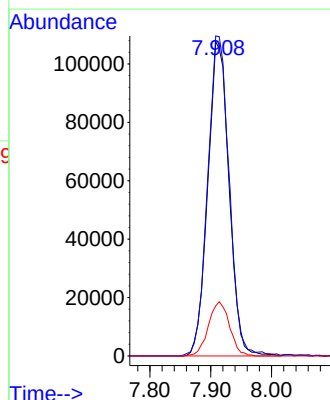
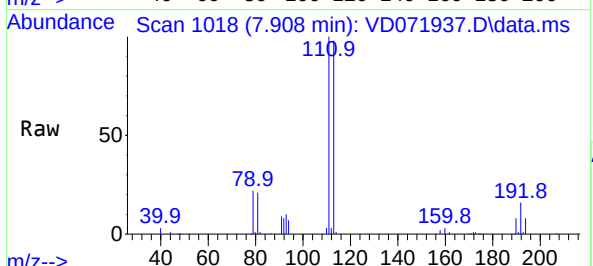
Instrument :
MSVOA_D
ClientSampleId :
251488

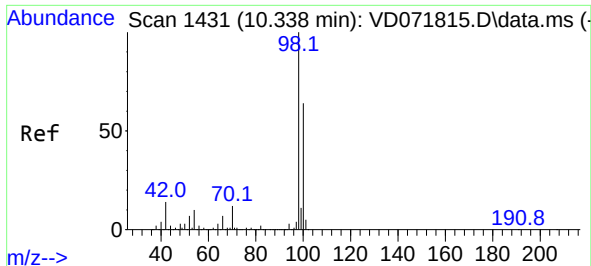
Tgt Ion:114 Resp: 819784
Ion Ratio Lower Upper
114 100
63 22.8 0.0 46.6
88 16.5 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.469 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD071937.D
Acq: 11 Feb 2022 14:44

Tgt Ion:113 Resp: 261183
Ion Ratio Lower Upper
113 100
111 103.0 83.8 125.6
192 17.1 14.6 21.8

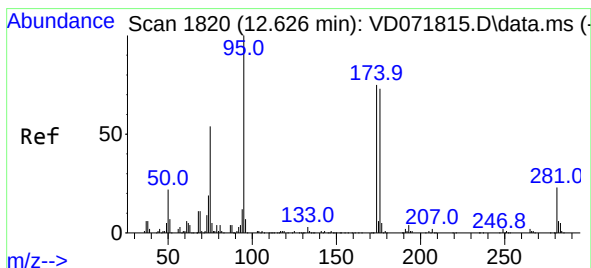
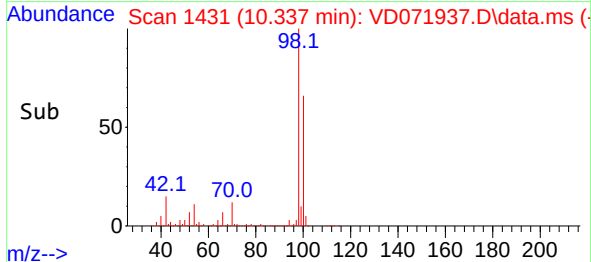
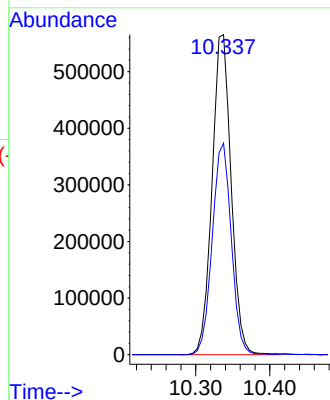
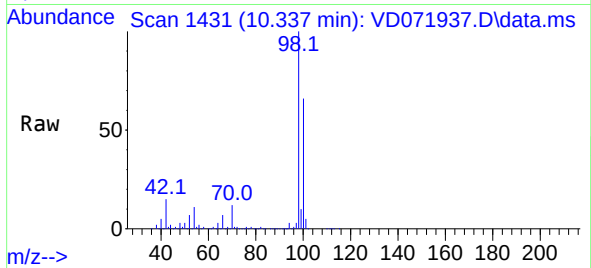




#50
Toluene-d8
Concen: 50.267 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071937.D
Acq: 11 Feb 2022 14:44

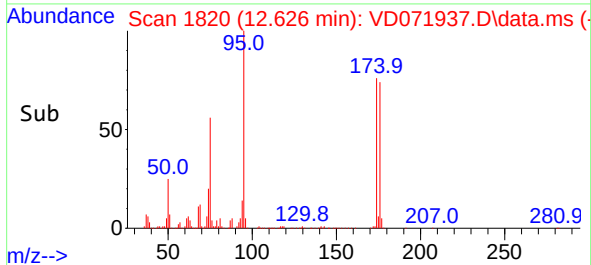
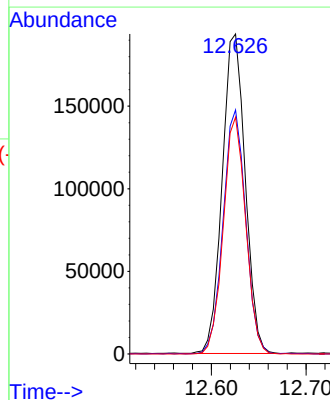
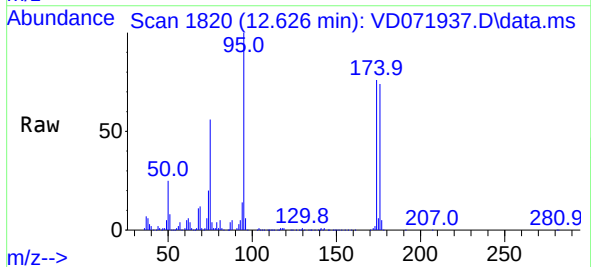
Instrument :
MSVOA_D
ClientSampleId :
251488

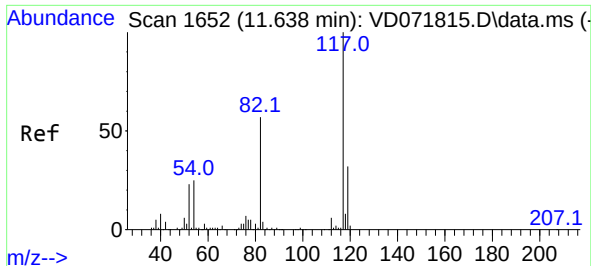
Tgt Ion: 98 Resp: 1011624
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.508 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071937.D
Acq: 11 Feb 2022 14:44

Tgt Ion: 95 Resp: 326849
Ion Ratio Lower Upper
95 100
174 74.9 0.0 152.8
176 72.0 0.0 145.4

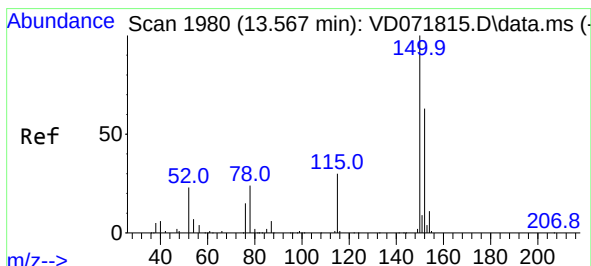
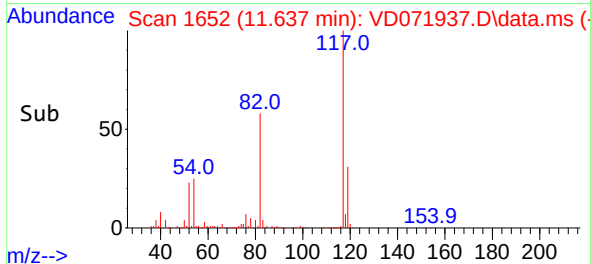
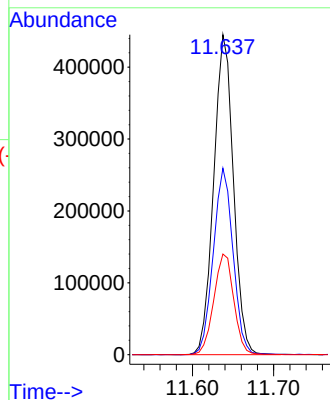
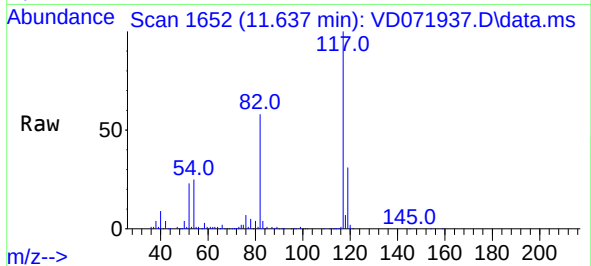




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071937.D
Acq: 11 Feb 2022 14:44

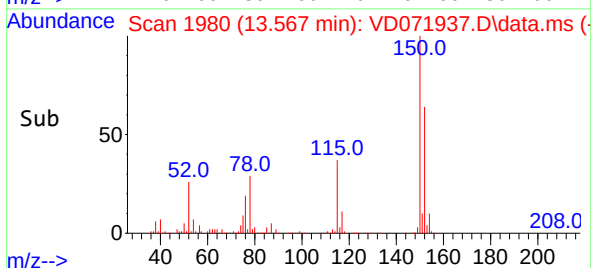
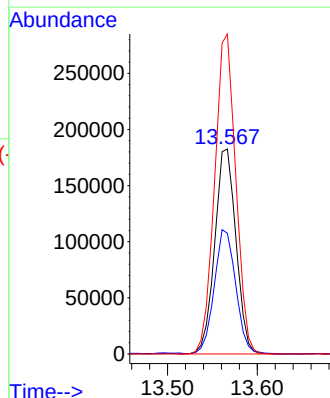
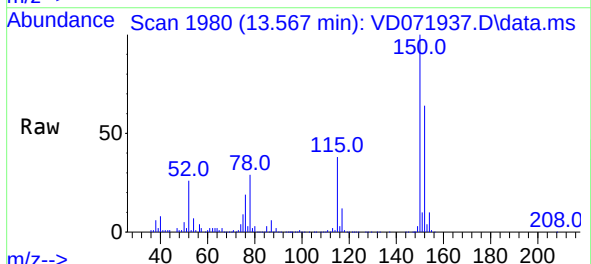
Instrument :
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251488

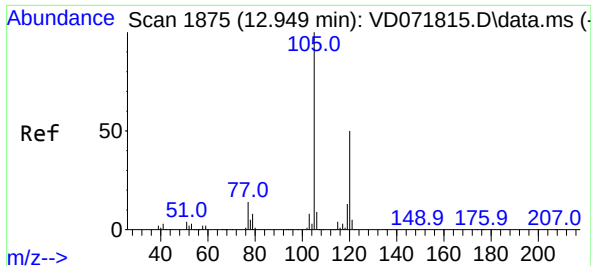
Tgt Ion:	117	Resp:	752037
Ion	Ratio	Lower	Upper
117	100		
82	58.3	45.3	67.9
119	31.5	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071937.D
Acq: 11 Feb 2022 14:44

Tgt Ion:	152	Resp:	300656
Ion	Ratio	Lower	Upper
152	100		
115	61.6	31.3	93.8
150	155.1	0.0	348.6

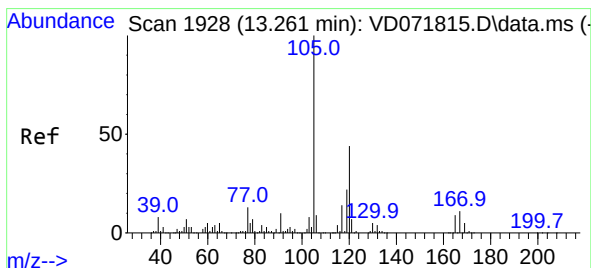
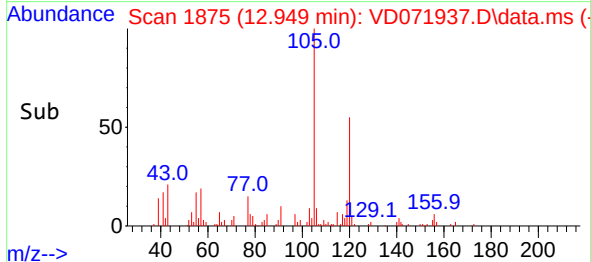
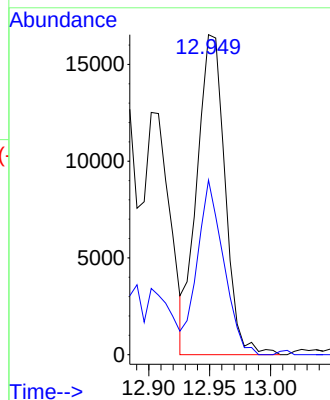
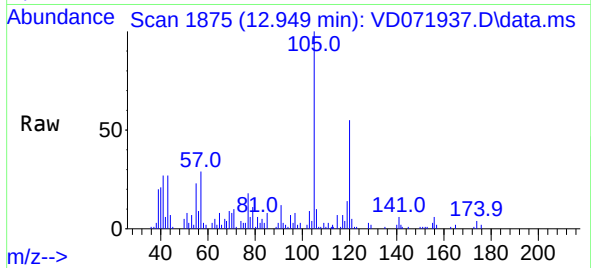




#80
1,3,5-Trimethylbenzene
Concen: 1.373 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD071937.D
Acq: 11 Feb 2022 14:44

Instrument :
MSVOA_D
ClientSampleId :
251488

Tgt Ion:105 Resp: 26520
Ion Ratio Lower Upper
105 100
120 51.1 24.3 72.8



#84
1,2,4-Trimethylbenzene
Concen: 2.359 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD071937.D
Acq: 11 Feb 2022 14:44

Tgt Ion:105 Resp: 44802
Ion Ratio Lower Upper
105 100
120 44.0 22.3 66.8

