

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021122\
 Data File : VD071944.D
 Acq On : 11 Feb 2022 18:44
 Operator : VA/SY
 Sample : N1494-02
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 21ST-STREET-LAUNCH-PIT-3

Quant Time: Feb 12 00:00:36 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)

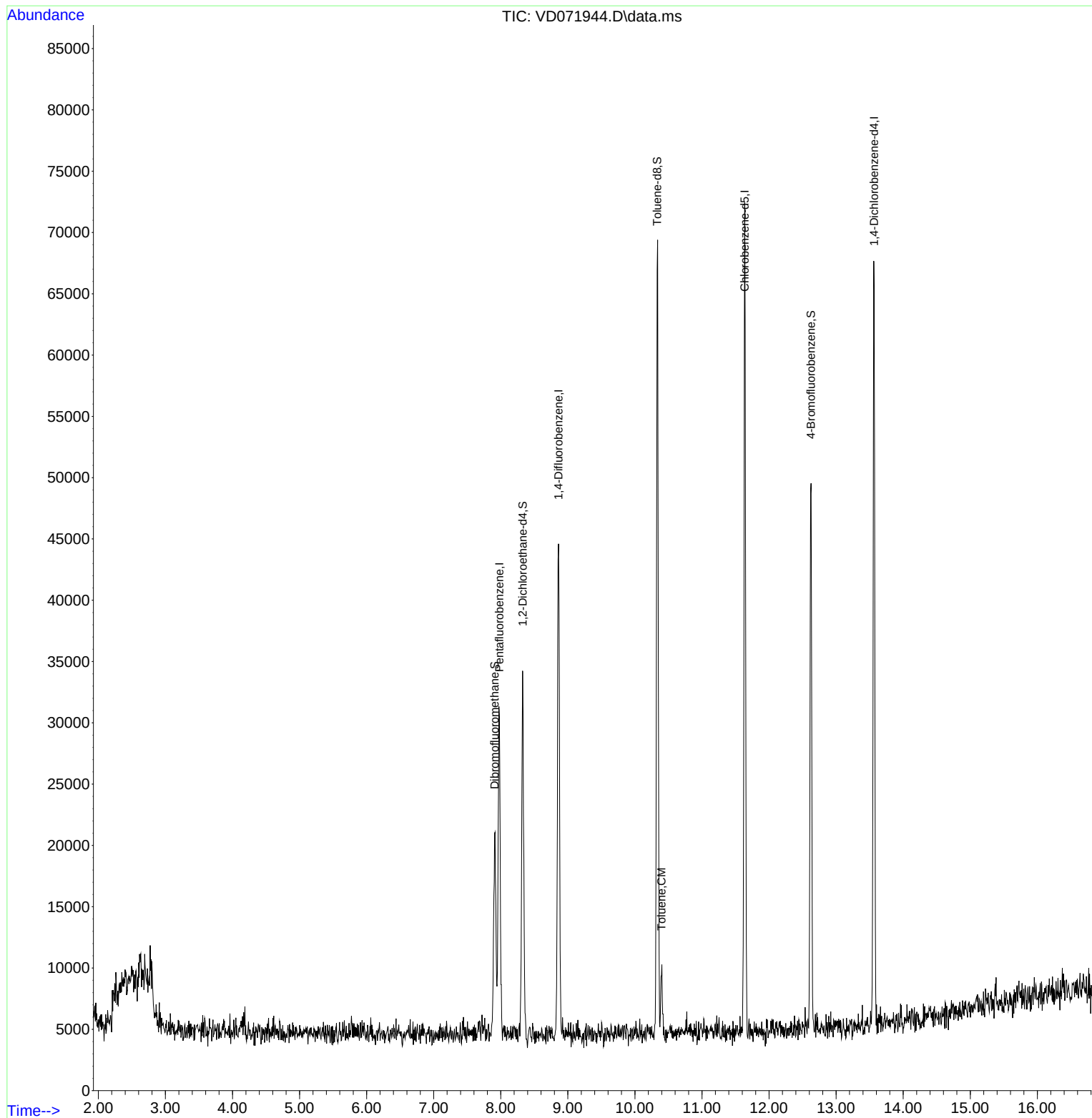
Internal Standards						
1) Pentafluorobenzene	7.979	168	17668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	32625	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	34892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	16080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	21320	95.471	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 190.940%#	
35) Dibromofluoromethane	7.908	113	10811	50.412	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.820%	
50) Toluene-d8	10.332	98	41357	51.637	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.280%	
62) 4-Bromofluorobenzene	12.626	95	14839	53.055	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.120%	
Target Compounds						
52) Toluene	10.397	92	1803	2.918	ug/l	Qvalue # 64

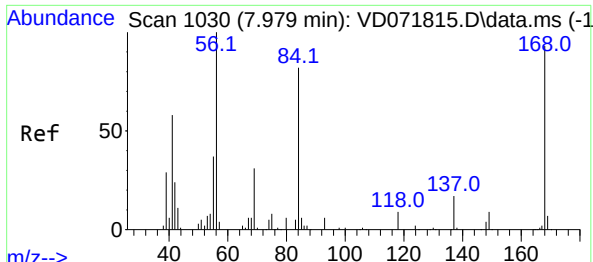
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD071944.D

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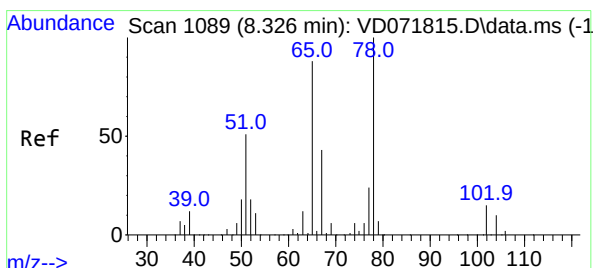
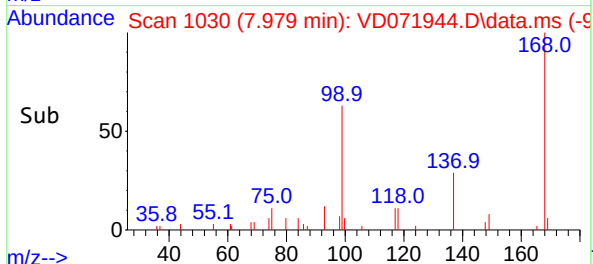
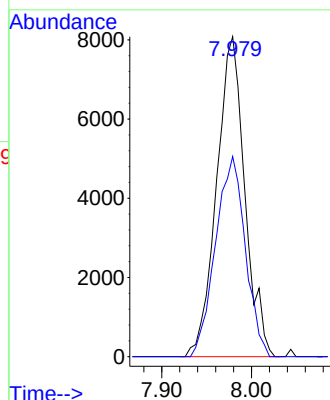
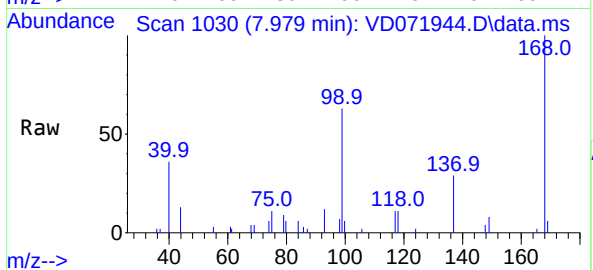
21ST-STREET-LAUNCH-PIT-3

Tgt Ion:168 Resp: 17668

Ion Ratio Lower Upper

168 100

99 62.5 49.8 74.6



1,2-Dichloroethane-d4

Concen: 95.471 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071944.D

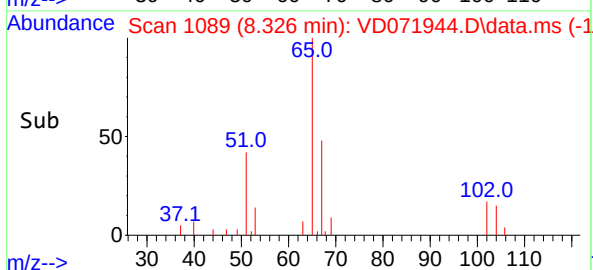
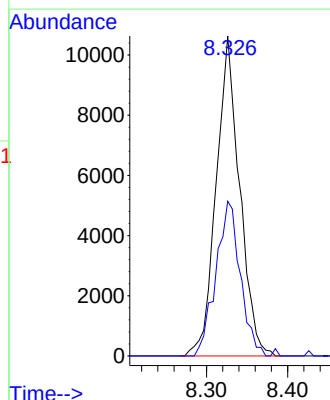
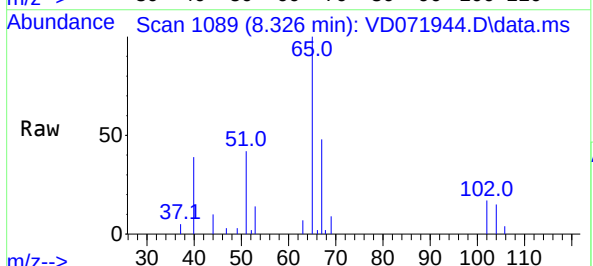
Acq: 11 Feb 2022 18:44

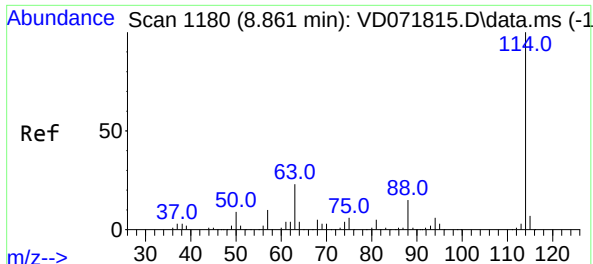
Tgt Ion: 65 Resp: 21320

Ion Ratio Lower Upper

65 100

67 50.3 0.0 101.4

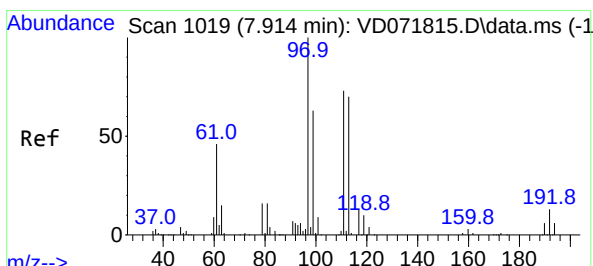
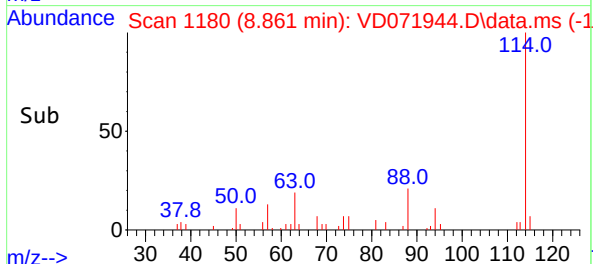
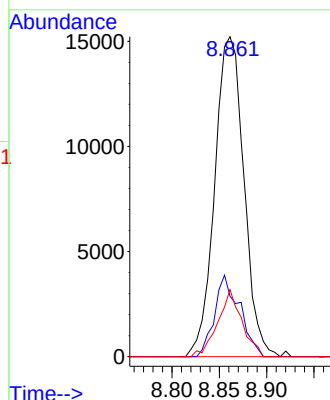
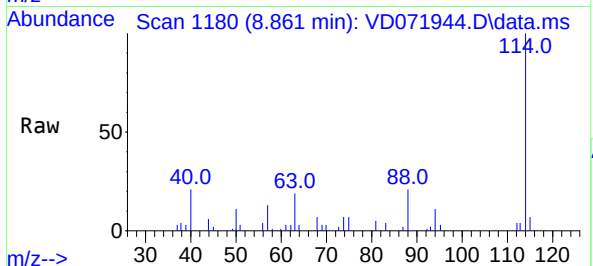




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071944.D
Acq: 11 Feb 2022 18:44

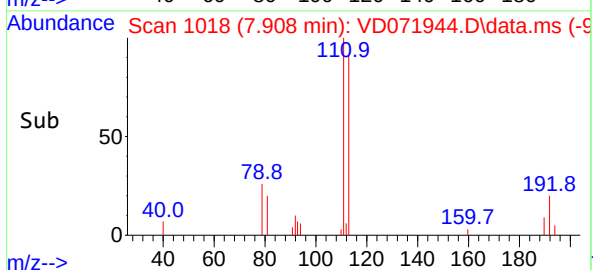
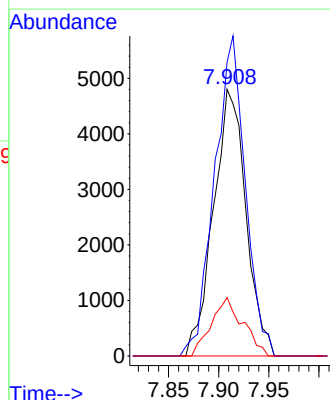
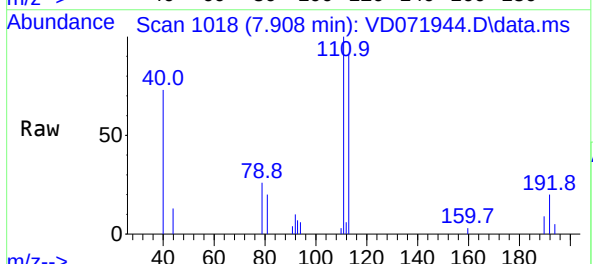
Instrument :
MSVOA_D
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21ST-STREET-LAUNCH-PIT-3

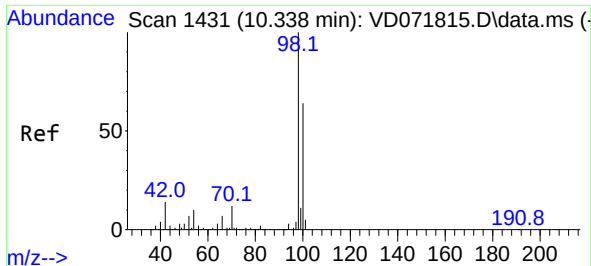
Tgt Ion:	114	Resp:	32625
Ion Ratio	Lower	Upper	
114	100		
63	18.9	0.0	46.6
88	21.0	0.0	33.2



#35
Dibromofluoromethane
Concen: 50.412 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD071944.D
Acq: 11 Feb 2022 18:44

Tgt Ion:	113	Resp:	10811
Ion Ratio	Lower	Upper	
113	100		
111	114.0	83.8	125.6
192	21.3	14.6	21.8

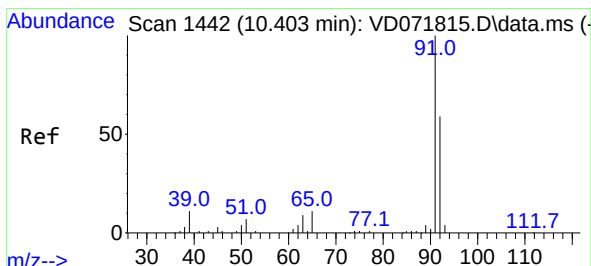
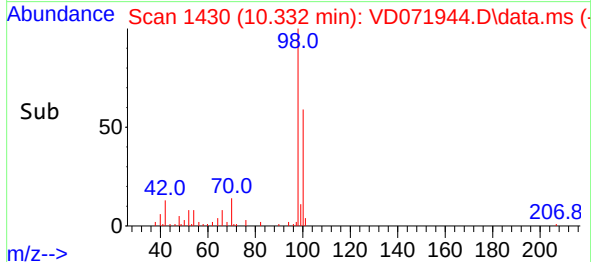
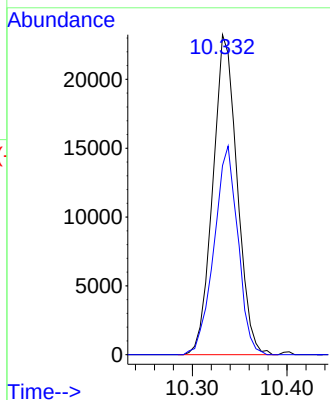
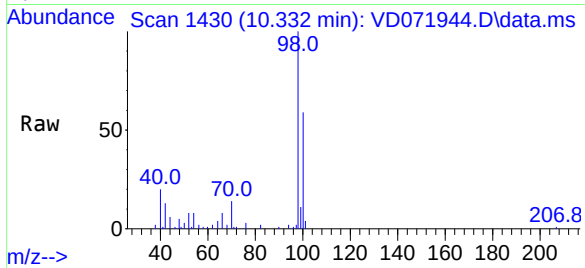




#50
Toluene-d8
Concen: 51.637 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071944.D
Acq: 11 Feb 2022 18:44

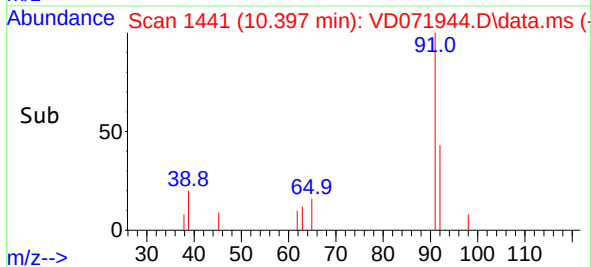
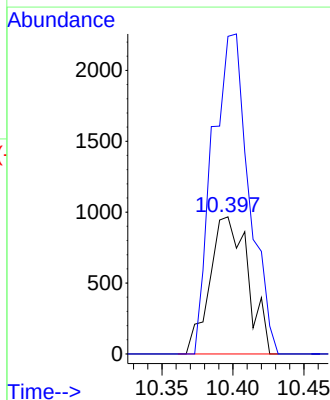
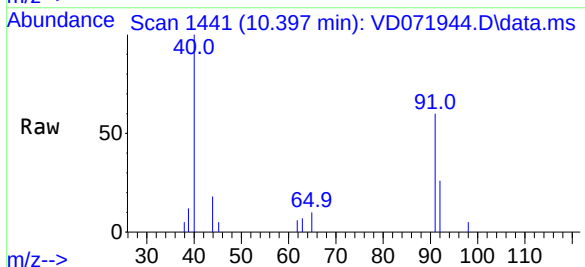
Instrument :
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ClientSampleId :
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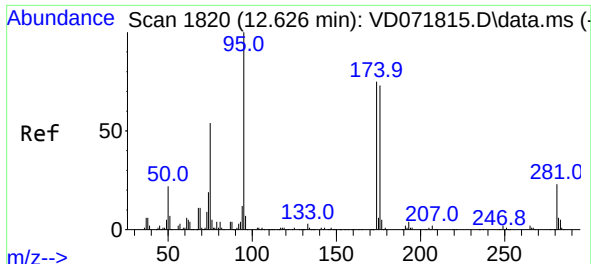
Tgt Ion: 98 Resp: 41357
Ion Ratio Lower Upper
98 100
100 64.2 52.4 78.6



#52
Toluene
Concen: 2.918 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.006 min
Lab File: VD071944.D
Acq: 11 Feb 2022 18:44

Tgt Ion: 92 Resp: 1803
Ion Ratio Lower Upper
92 100
91 224.1 139.6 209.4#

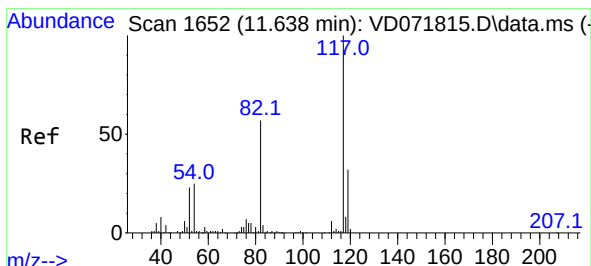
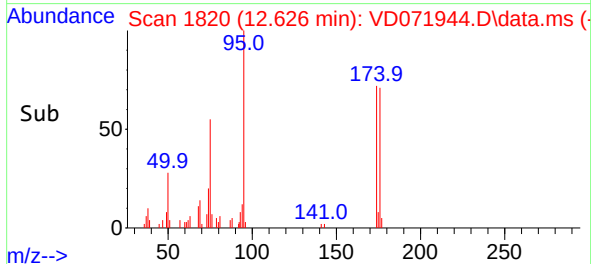
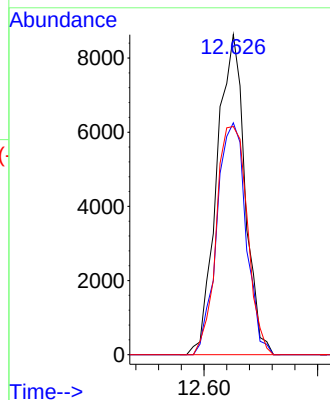
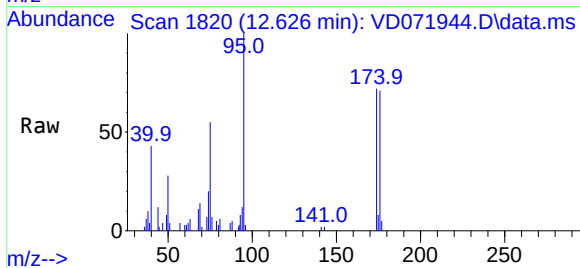




#62
4-Bromofluorobenzene
Concen: 53.055 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071944.D
Acq: 11 Feb 2022 18:44

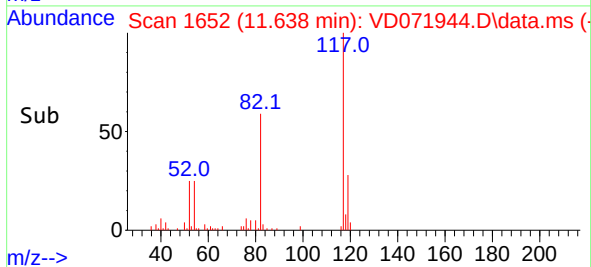
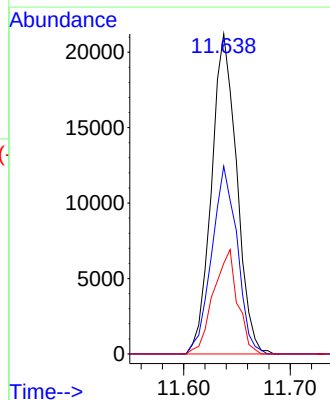
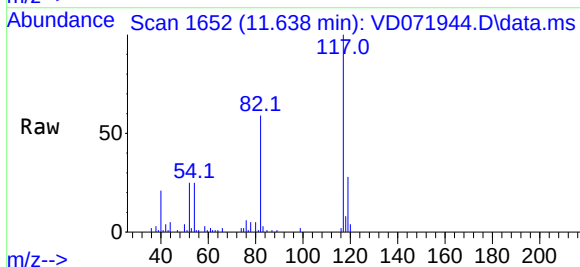
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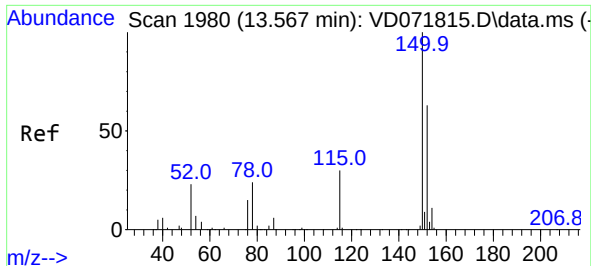
Tgt Ion:	95	Resp:	14839
Ion	Ratio	Lower	Upper
95	100		
174	75.1	0.0	152.8
176	78.1	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071944.D
Acq: 11 Feb 2022 18:44

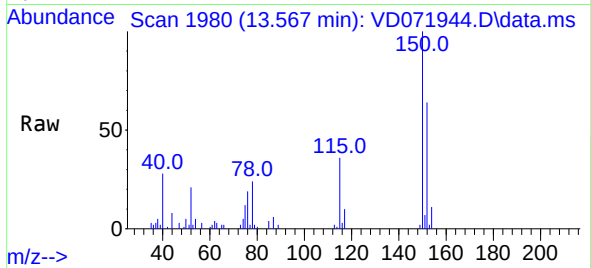
Tgt Ion:	117	Resp:	34892
Ion	Ratio	Lower	Upper
117	100		
82	58.6	45.3	67.9
119	28.3	26.6	40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD071944.D
 Acq: 11 Feb 2022 18:44

Instrument :
 MSVOA_D
 ClientSampleId :
 21ST-STREET-LAUNCH-PIT-3



Tgt Ion:	152	Resp:	16080
Ion	Ratio	Lower	Upper
152	100		
115	56.6	31.3	93.8
150	163.4	0.0	348.6

