

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012722\
 Data File : VD071802.D
 Acq On : 27 Jan 2022 15:26
 Operator : VA/SY
 Sample : N1285-01
 Misc : 4.95G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LBS-LBS-STOCK

Quant Time: Jan 28 07:22:09 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)

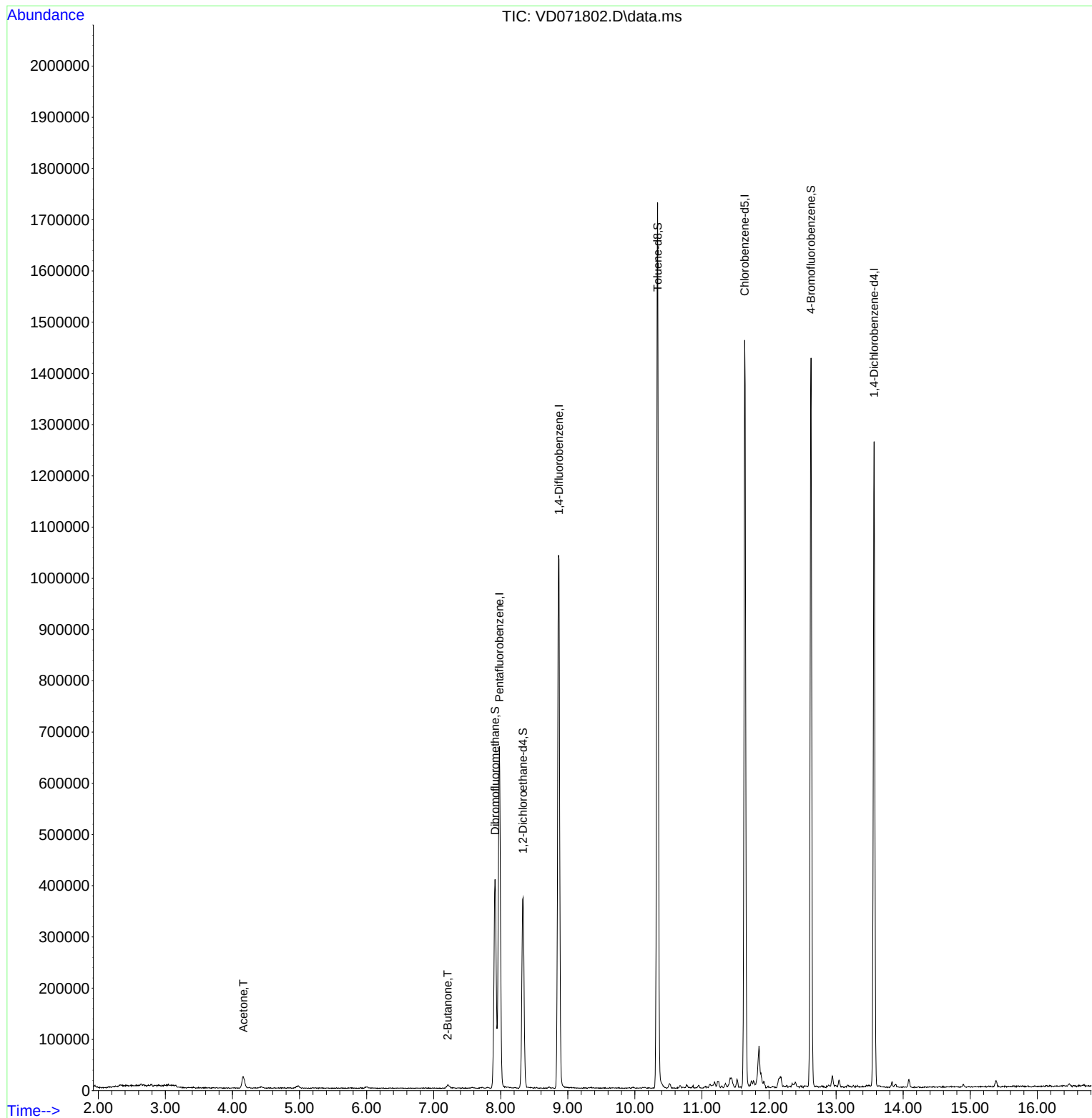
Internal Standards						
1) Pentafluorobenzene	7.979	168	457870	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	868684	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	786456	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	299158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	309823	53.536	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.080%	
35) Dibromofluoromethane	7.914	113	289113	50.632	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.260%	
50) Toluene-d8	10.338	98	1107102	51.915	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.820%	
62) 4-Bromofluorobenzene	12.626	95	347877	46.713	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.420%	
Target Compounds						Qvalue
16) Acetone	4.162	43	42878	27.066	ug/l	95
25) 2-Butanone	7.209	43	10833	5.866	ug/l #	86

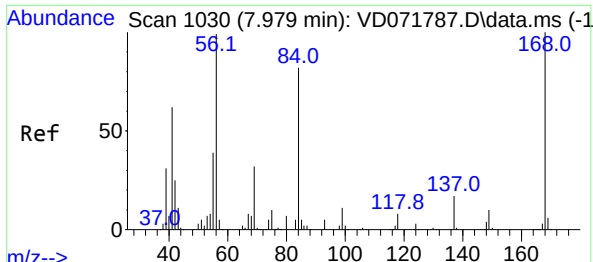
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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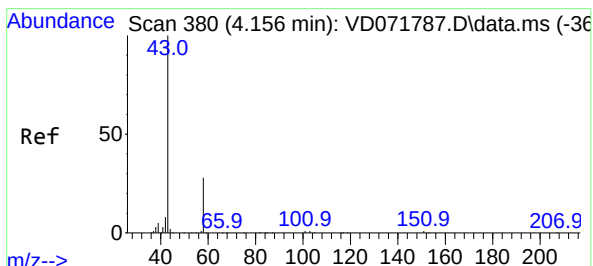
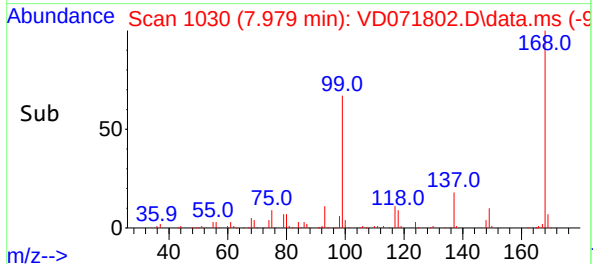
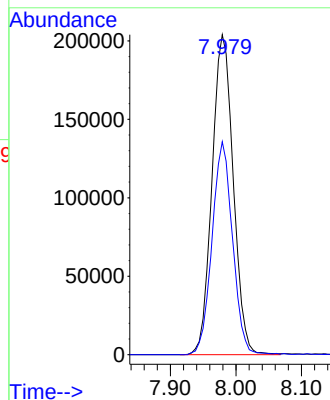
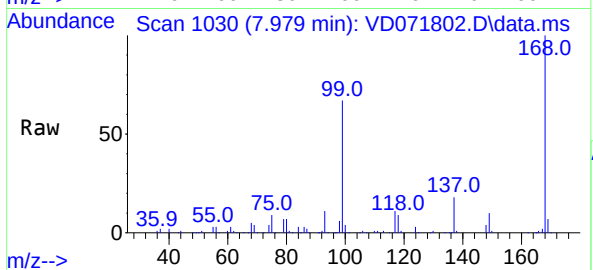




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071802.D
Acq: 27 Jan 2022 15:26

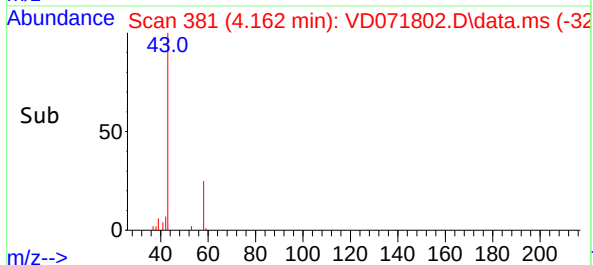
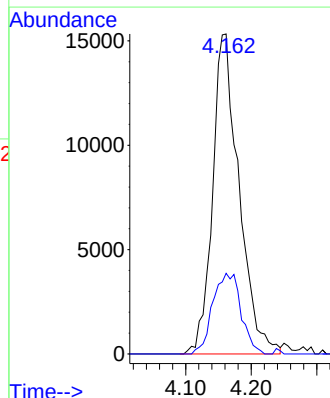
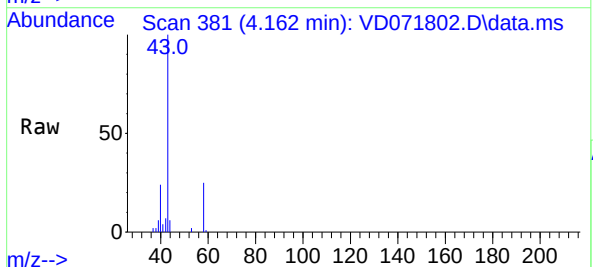
Instrument :
MSVOA_D
ClientSampleId :
LBS-LBS-STOCK

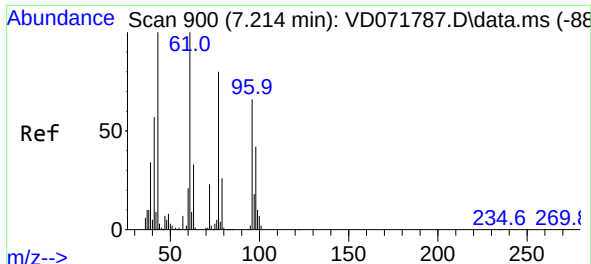
Tgt Ion:168 Resp: 457870
Ion Ratio Lower Upper
168 100
99 66.6 49.8 74.6



#16
Acetone
Concen: 27.066 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071802.D
Acq: 27 Jan 2022 15:26

Tgt Ion: 43 Resp: 42878
Ion Ratio Lower Upper
43 100
58 25.2 22.1 33.1





#25

2-Butanone

Concen: 5.866 ug/l

RT: 7.209 min Scan# 899

Delta R.T. -0.006 min

Lab File: VD071802.D

Acq: 27 Jan 2022 15:26

Instrument :

MSVOA_D

ClientSampleId :

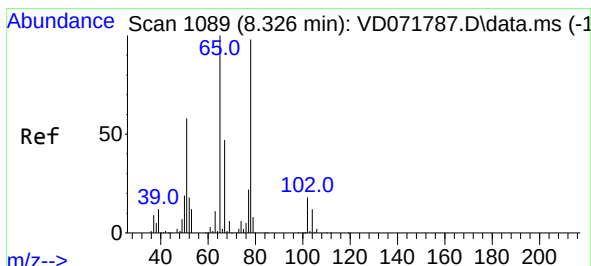
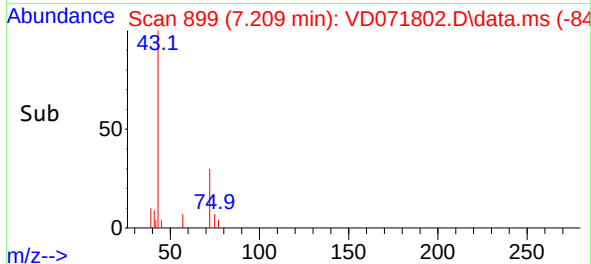
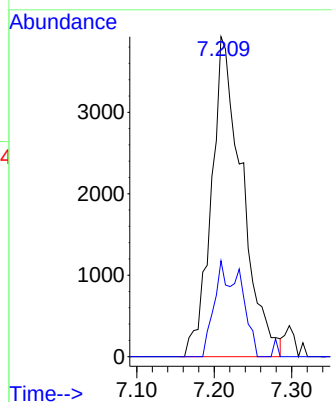
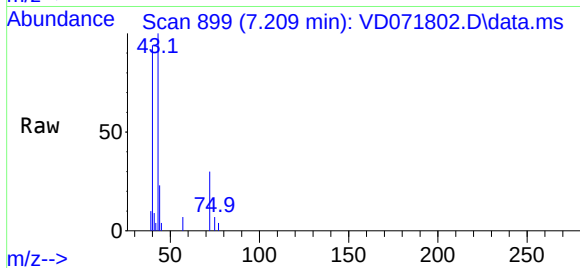
LBS-LBS-STOCK

Tgt Ion: 43 Resp: 10833

Ion Ratio Lower Upper

43 100

72 30.0 18.6 27.8#



#33

1,2-Dichloroethane-d4

Concen: 53.536 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD071802.D

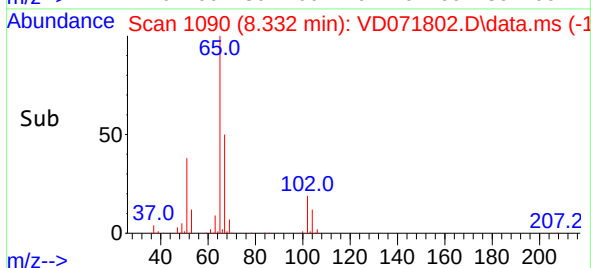
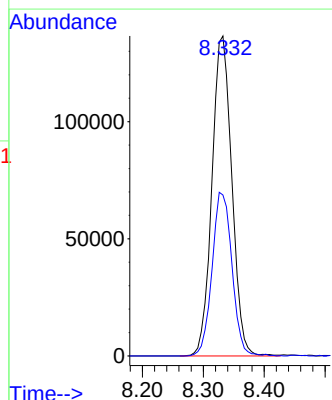
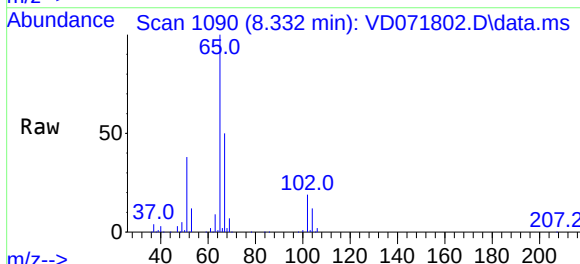
Acq: 27 Jan 2022 15:26

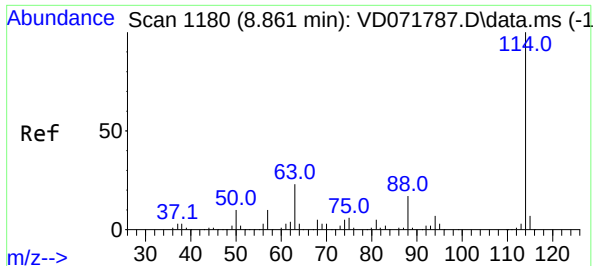
Tgt Ion: 65 Resp: 309823

Ion Ratio Lower Upper

65 100

67 51.1 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VD071802.D

Acq: 27 Jan 2022 15:26

Instrument :

MSVOA_D

ClientSampleId :

LBS-LBS-STOCK

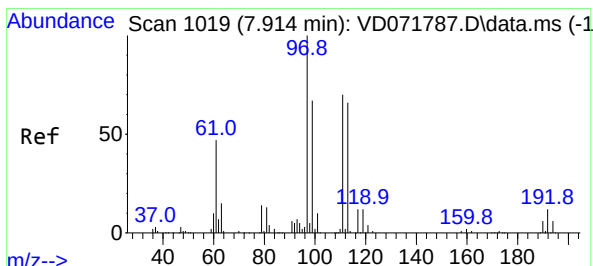
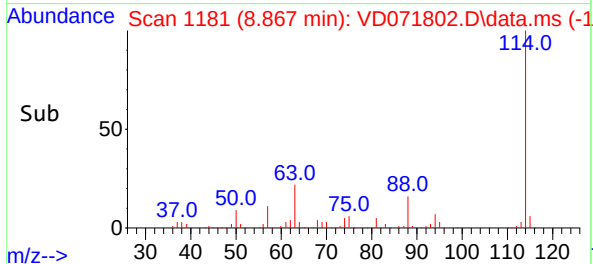
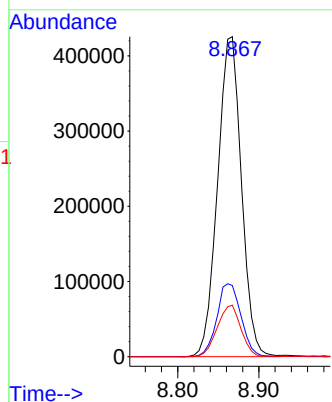
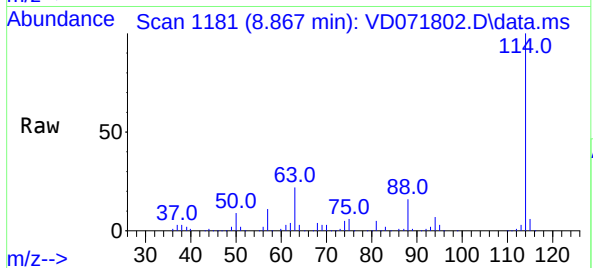
Tgt Ion:114 Resp: 868684

Ion Ratio Lower Upper

114 100

63 22.3 0.0 46.6

88 16.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.632 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071802.D

Acq: 27 Jan 2022 15:26

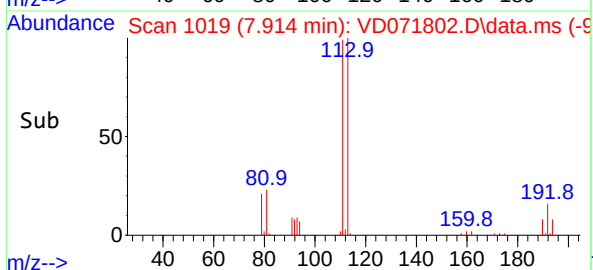
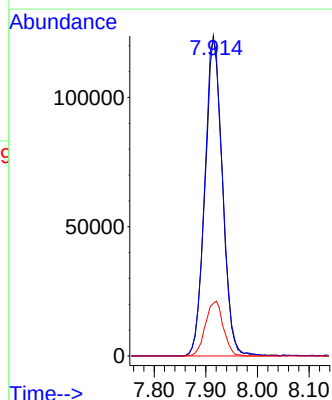
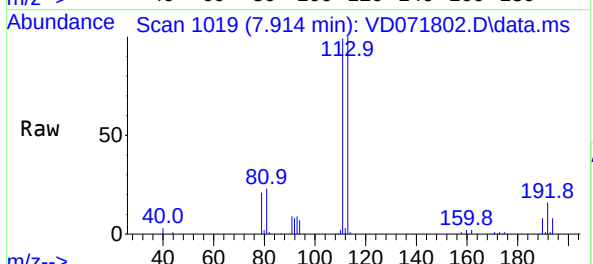
Tgt Ion:113 Resp: 289113

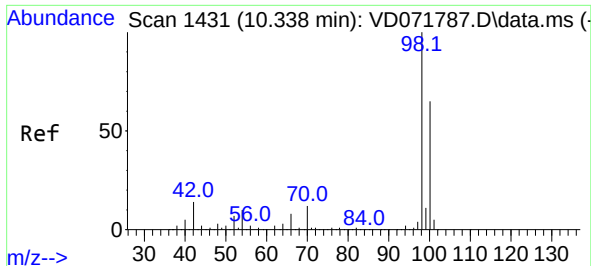
Ion Ratio Lower Upper

113 100

111 101.6 83.8 125.6

192 17.5 14.6 21.8

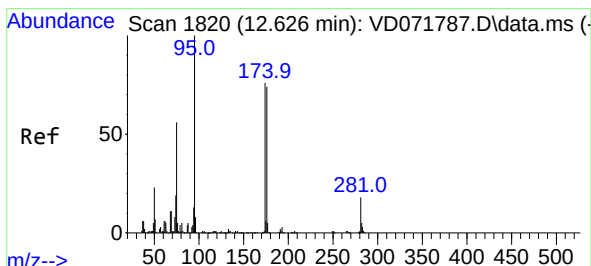
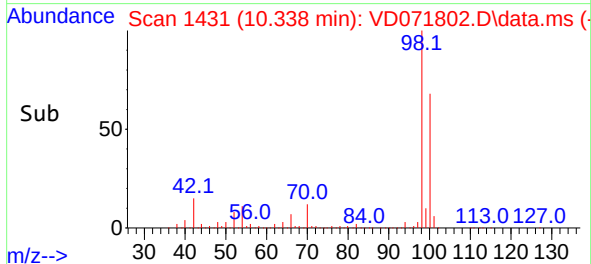
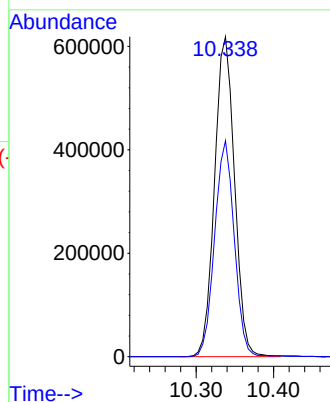
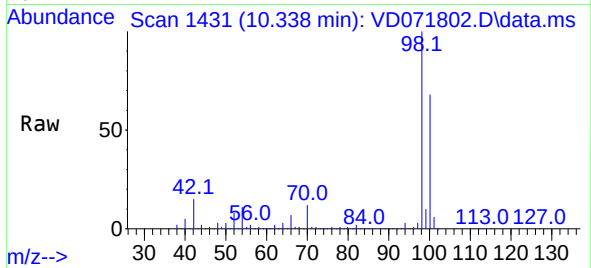




#50
Toluene-d8
Concen: 51.915 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071802.D
Acq: 27 Jan 2022 15:26

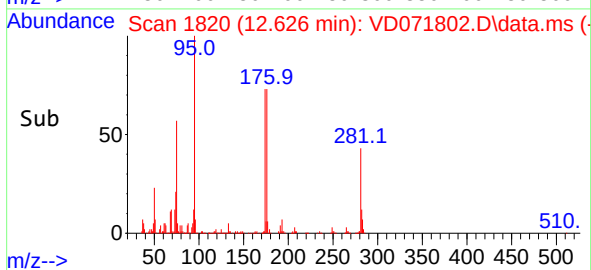
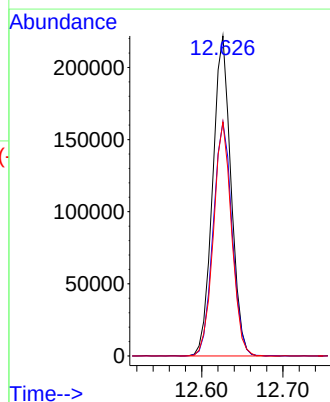
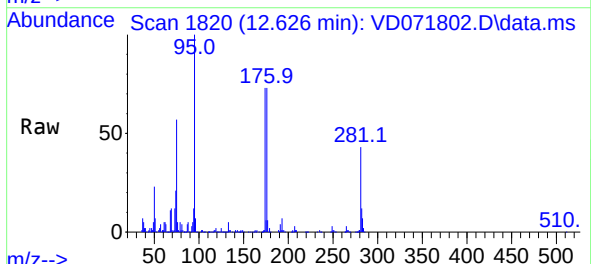
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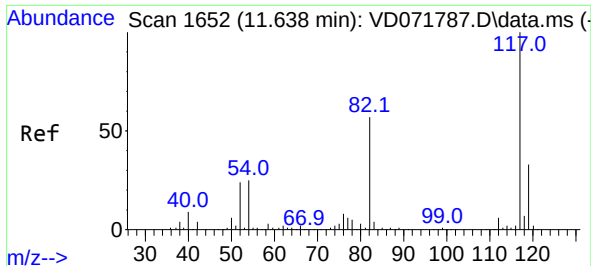
Tgt Ion: 98 Resp: 1107102
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.713 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071802.D
Acq: 27 Jan 2022 15:26

Tgt Ion: 95 Resp: 347877
Ion Ratio Lower Upper
95 100
174 75.2 0.0 152.8
176 72.1 0.0 145.4

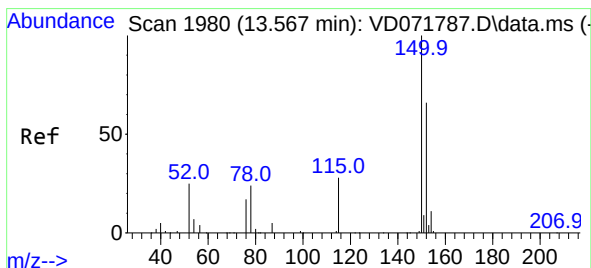
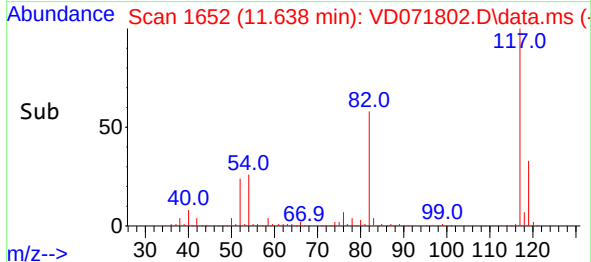
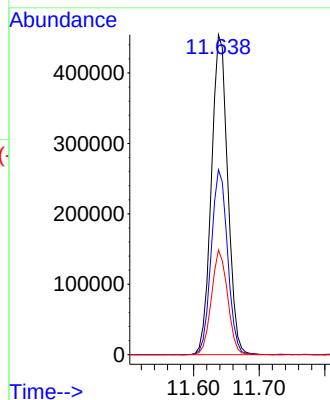
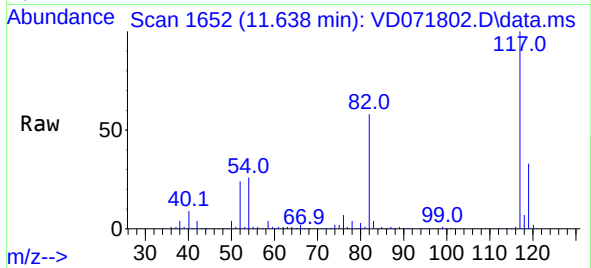




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD071802.D
Acq: 27 Jan 2022 15:26

Instrument :
MSVOA_D
ClientSampleId :
LBS-LBS-STOCK

Tgt Ion:117 Resp: 786456
Ion Ratio Lower Upper
117 100
82 57.7 45.3 67.9
119 32.7 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: VD071802.D
Acq: 27 Jan 2022 15:26

Tgt Ion:152 Resp: 299158
Ion Ratio Lower Upper
152 100
115 61.8 31.3 93.8
150 159.8 0.0 348.6

