

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020822\
 Data File : VD071919.D
 Acq On : 08 Feb 2022 15:49
 Operator : VA/SY
 Sample : N1424-01
 Misc : 6.78G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DB-10(13-15)-02-04-22

Quant Time: Feb 09 03:52:11 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)

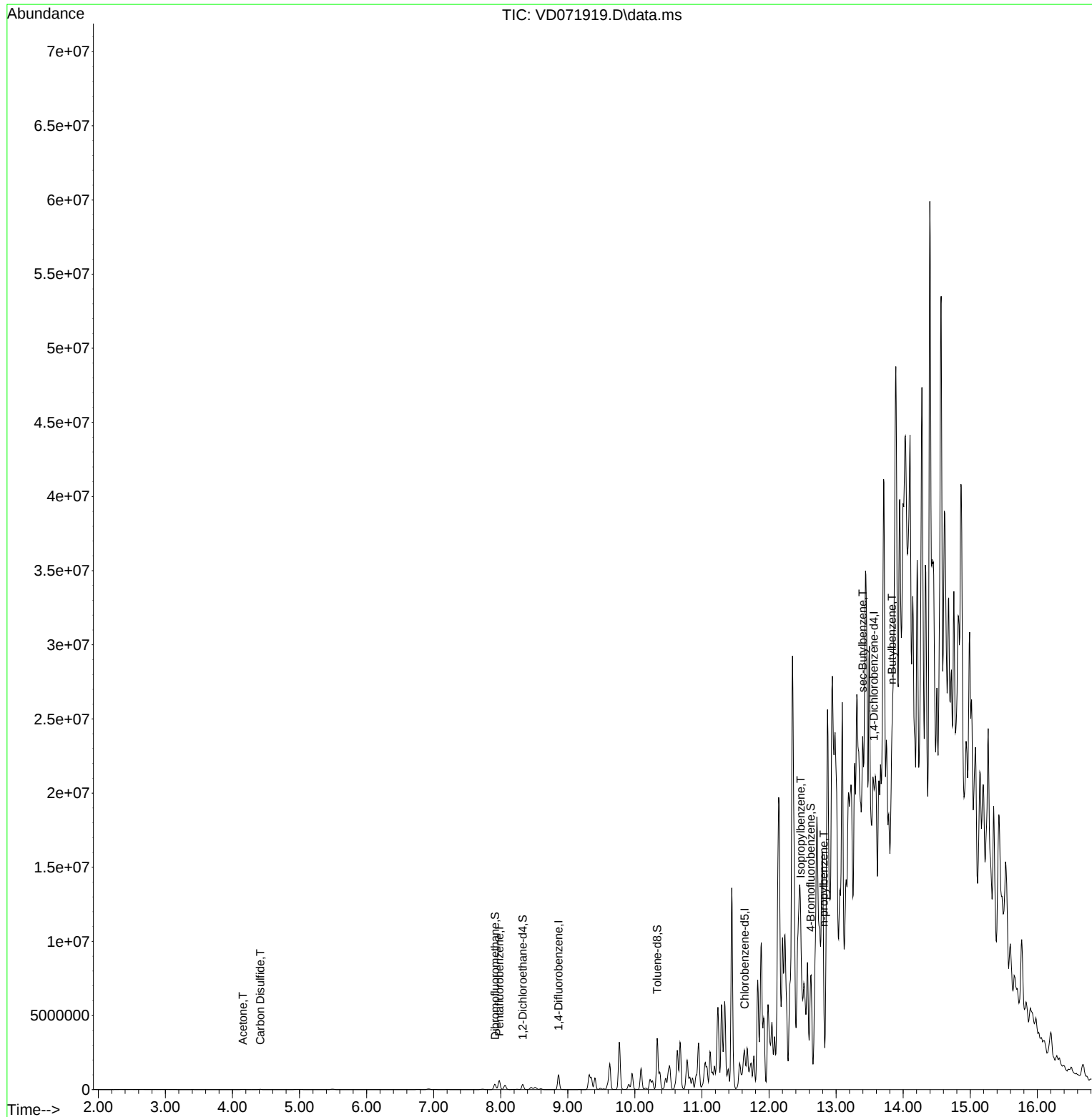
Internal Standards						
1) Pentafluorobenzene	7.979	168	416343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	794413	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	801841	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	834154	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	277403	52.715	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.420%	
35) Dibromofluoromethane	7.914	113	261131	50.007	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.020%	
50) Toluene-d8	10.332	98	1160077	59.485	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 118.960%	
62) 4-Bromofluorobenzene	12.620	95	1187808	174.412	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 348.820%#	
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	29172	20.251	ug/l	92
17) Carbon Disulfide	4.415	76	39029	2.447	ug/l	99
73) Isopropylbenzene	12.473	105	217742	3.371	ug/l	98
78) n-propylbenzene	12.814	91	937920	11.580	ug/l	98
85) sec-Butylbenzene	13.396	105	2481955	35.724	ug/l	82
89) n-Butylbenzene	13.832	91	493164	8.904	ug/l	95

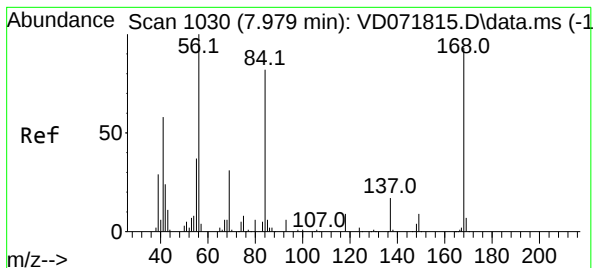
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

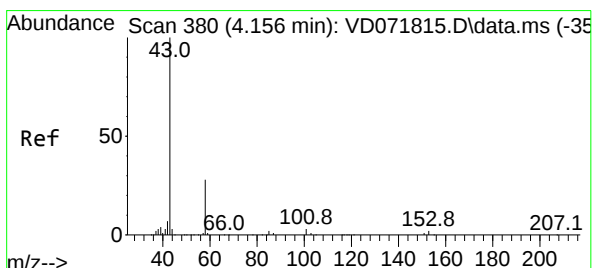
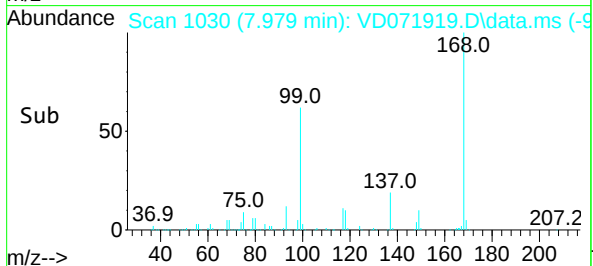
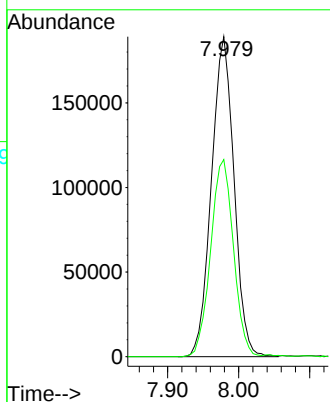
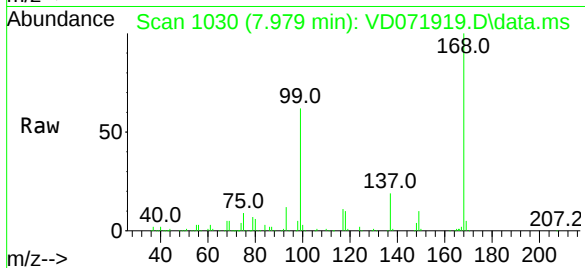




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071919.D
Acq: 08 Feb 2022 15:49

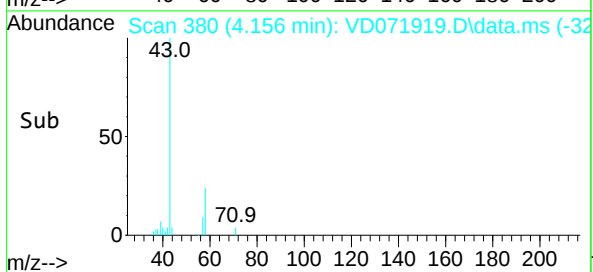
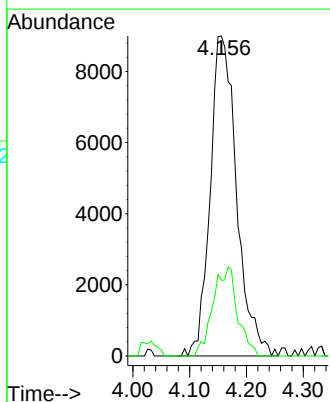
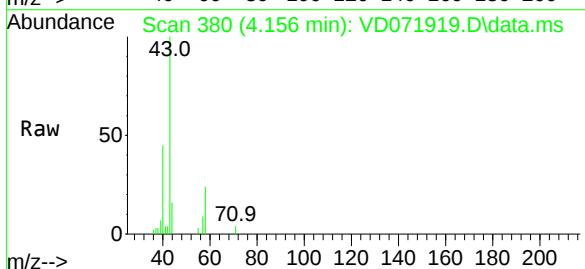
Instrument :
MSVOA_D
ClientSampleId :
DB-10(13-15)-02-04-22

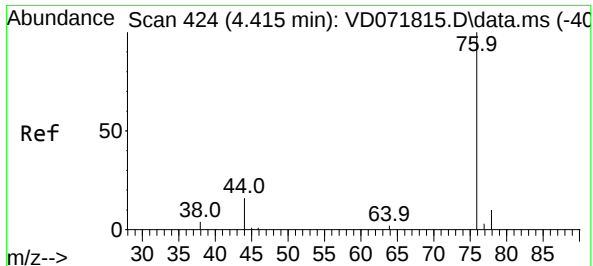
Tgt Ion:168 Resp: 416343
Ion Ratio Lower Upper
168 100
99 61.6 49.8 74.6



#16
Acetone
Concen: 20.251 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD071919.D
Acq: 08 Feb 2022 15:49

Tgt Ion: 43 Resp: 29172
Ion Ratio Lower Upper
43 100
58 23.7 22.1 33.1

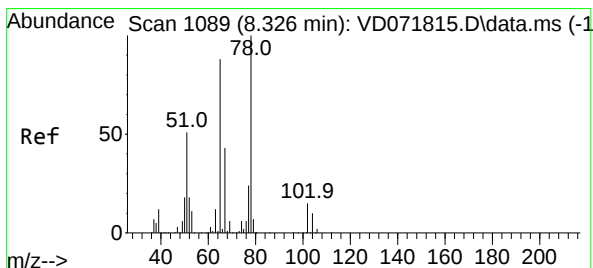
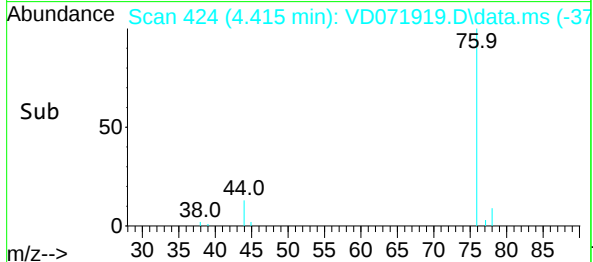
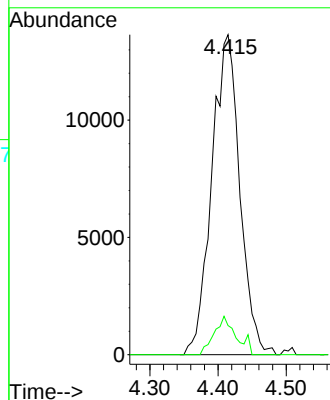
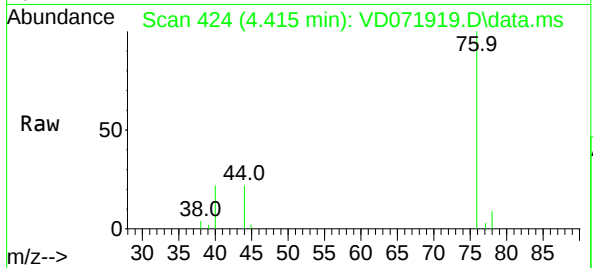




#17
Carbon Disulfide
Concen: 2.447 ug/l
RT: 4.415 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD071919.D
Acq: 08 Feb 2022 15:49

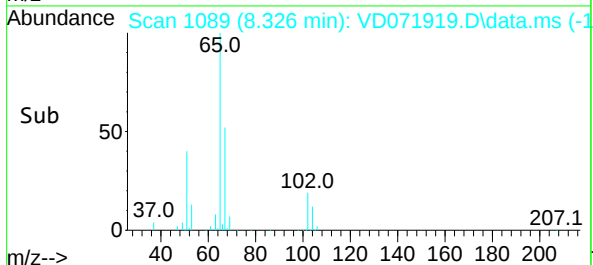
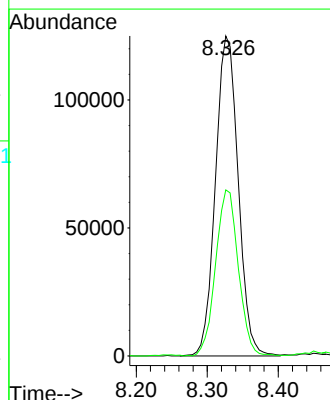
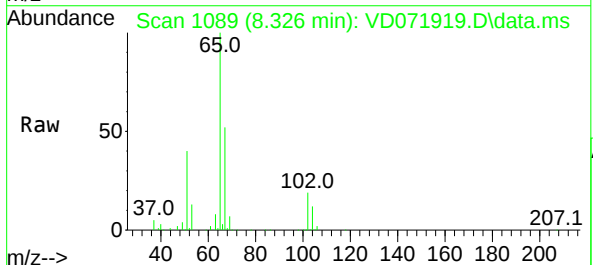
Instrument :
MSVOA_D
ClientSampleId :
DB-10(13-15)-02-04-22

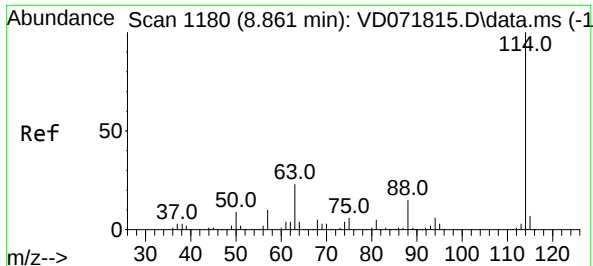
Tgt Ion: 76 Resp: 39029
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#33
1,2-Dichloroethane-d4
Concen: 52.715 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071919.D
Acq: 08 Feb 2022 15:49

Tgt Ion: 65 Resp: 277403
Ion Ratio Lower Upper
65 100
67 52.0 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: VD071919.D

Acq: 08 Feb 2022 15:49

Instrument :

MSVOA_D

ClientSampleId :

DB-10(13-15)-02-04-22

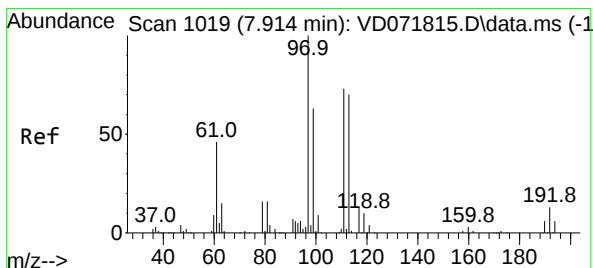
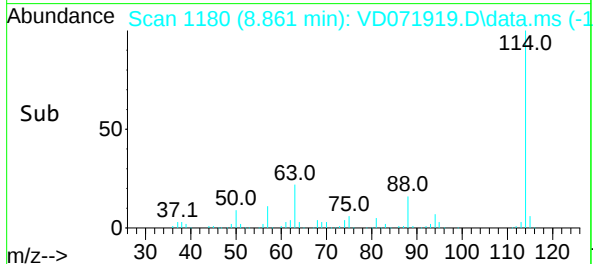
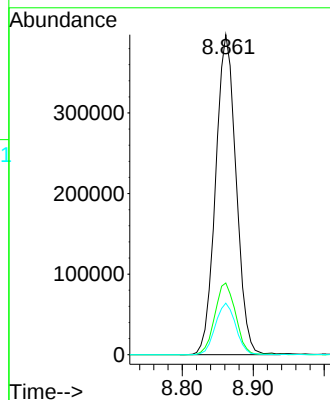
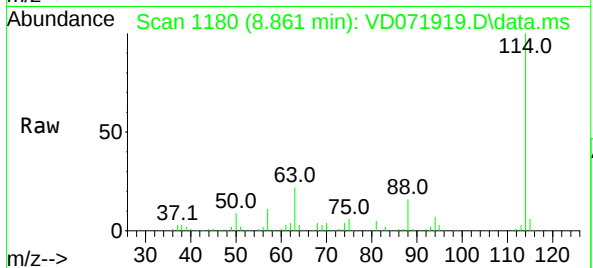
Tgt Ion:114 Resp: 794413

Ion Ratio Lower Upper

114 100

63 22.4 0.0 46.6

88 16.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.007 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071919.D

Acq: 08 Feb 2022 15:49

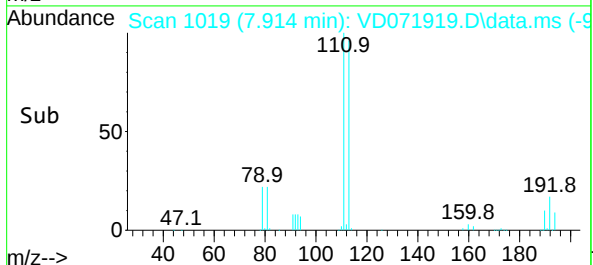
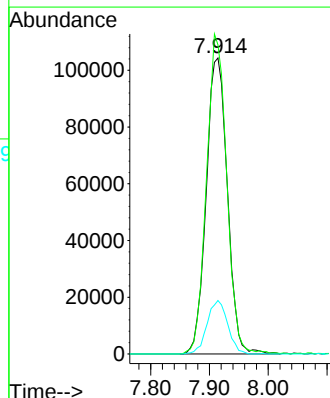
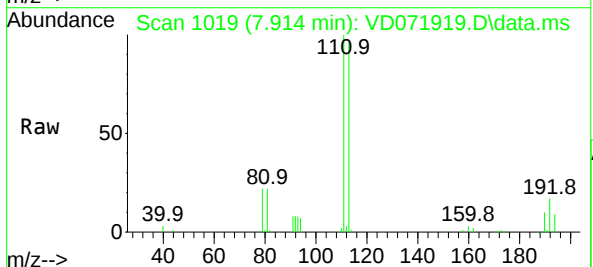
Tgt Ion:113 Resp: 261131

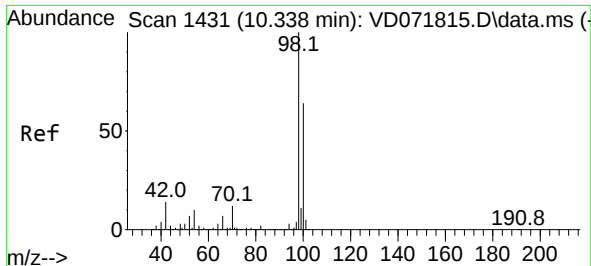
Ion Ratio Lower Upper

113 100

111 103.3 83.8 125.6

192 17.5 14.6 21.8

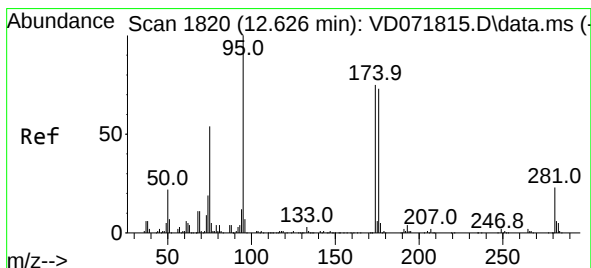
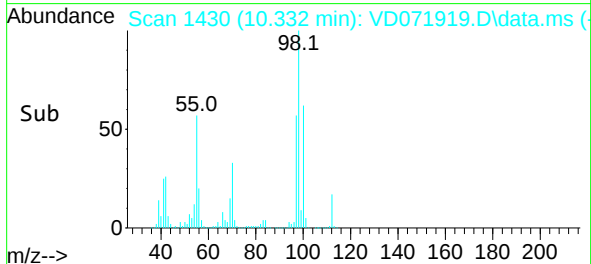
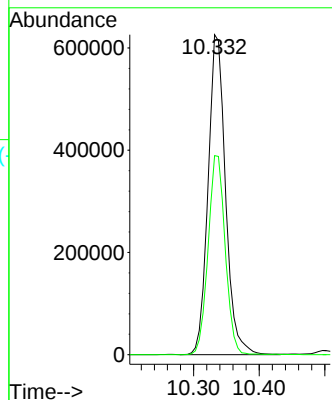
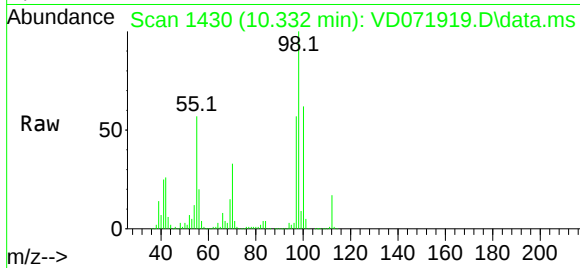




#50
Toluene-d8
Concen: 59.485 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071919.D
Acq: 08 Feb 2022 15:49

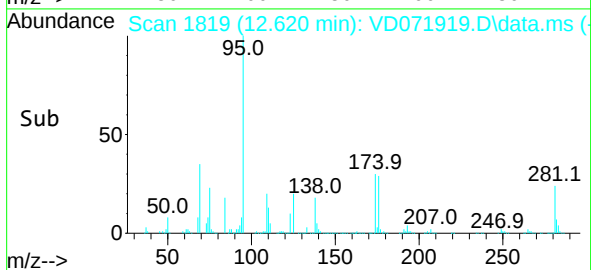
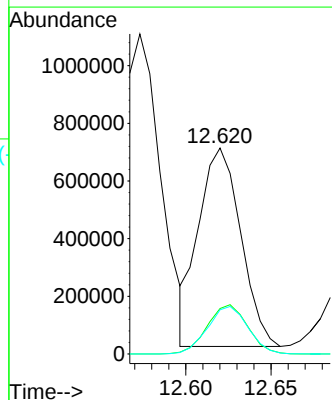
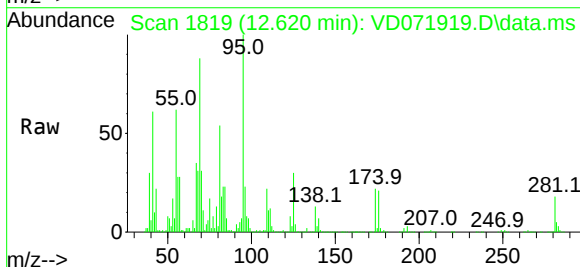
Instrument :
MSVOA_D
ClientSampleId :
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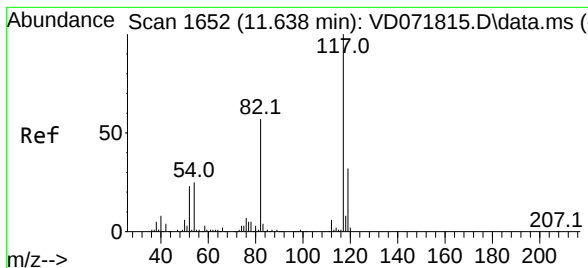
Tgt Ion: 98 Resp: 1160077
Ion Ratio Lower Upper
98 100
100 61.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 174.412 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071919.D
Acq: 08 Feb 2022 15:49

Tgt Ion: 95 Resp: 1187808
Ion Ratio Lower Upper
95 100
174 23.7 0.0 152.8
176 23.0 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD071919.D

Acq: 08 Feb 2022 15:49

Instrument :

MSVOA_D

ClientSampleId :

DB-10(13-15)-02-04-22

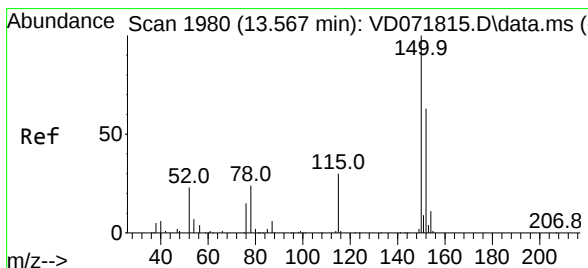
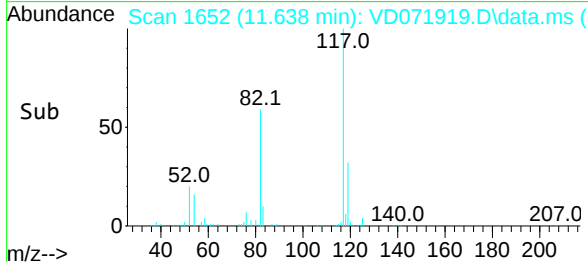
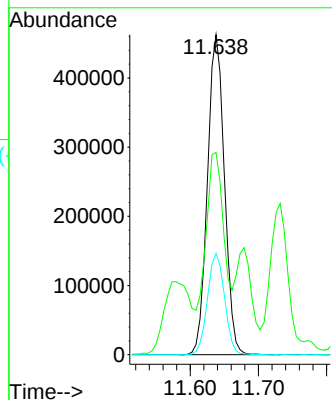
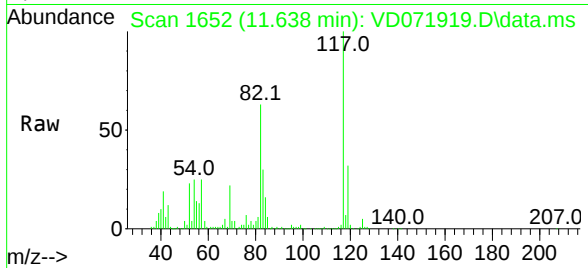
Tgt Ion:117 Resp: 801841

Ion Ratio Lower Upper

117 100

82 41.0 45.3 67.9#

119 31.6 26.6 40.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. -0.006 min

Lab File: VD071919.D

Acq: 08 Feb 2022 15:49

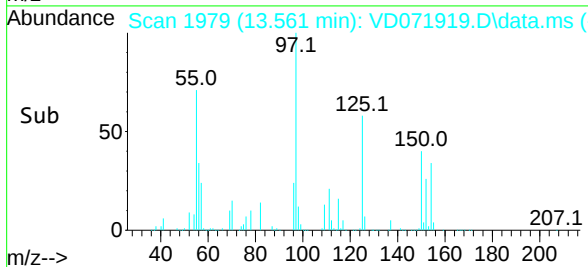
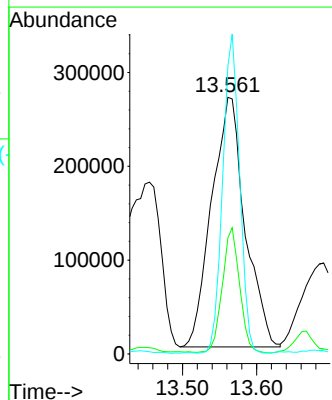
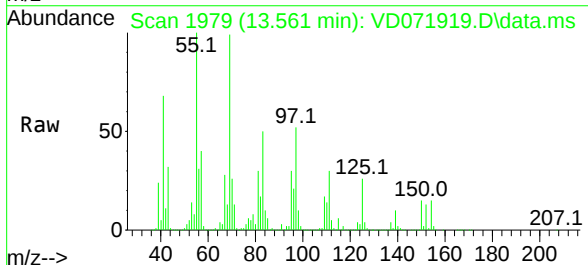
Tgt Ion:152 Resp: 834154

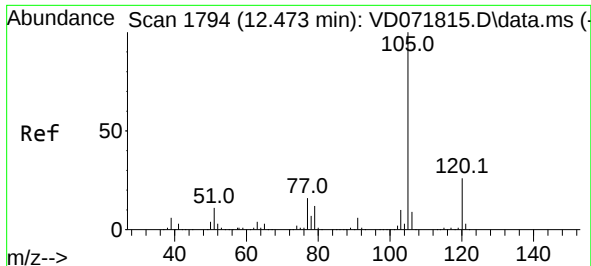
Ion Ratio Lower Upper

152 100

115 26.1 31.3 93.8#

150 64.6 0.0 348.6

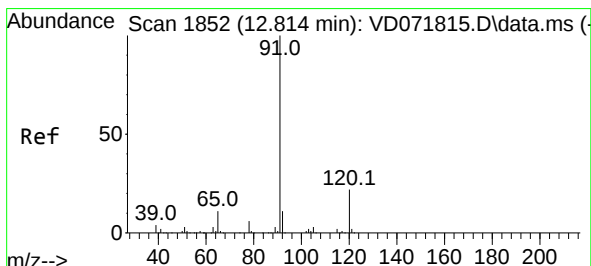
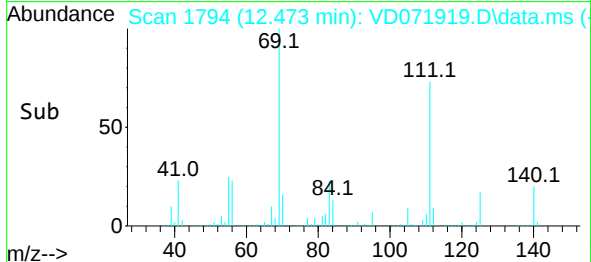
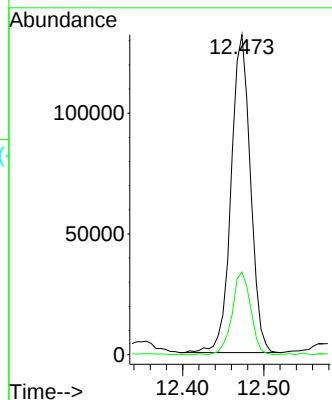
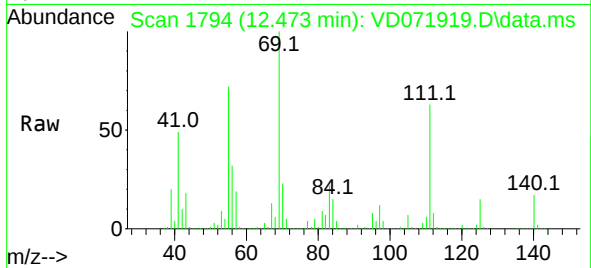




#73
Isopropylbenzene
Concen: 3.371 ug/l
RT: 12.473 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD071919.D
Acq: 08 Feb 2022 15:49

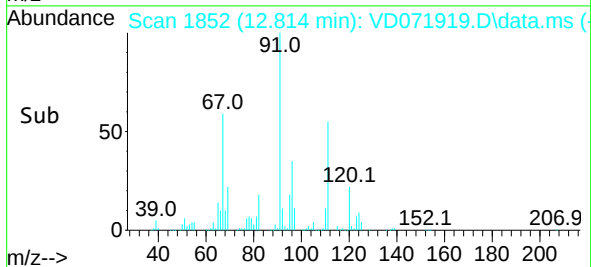
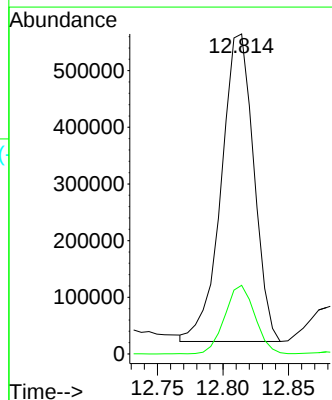
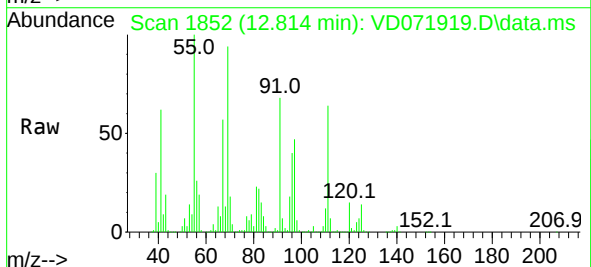
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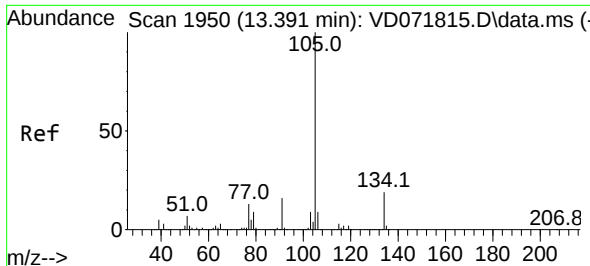
Tgt Ion:105 Resp: 217742
Ion Ratio Lower Upper
105 100
120 25.0 13.0 38.9



#78
n-propylbenzene
Concen: 11.580 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD071919.D
Acq: 08 Feb 2022 15:49

Tgt Ion: 91 Resp: 937920
Ion Ratio Lower Upper
91 100
120 20.8 10.9 32.9

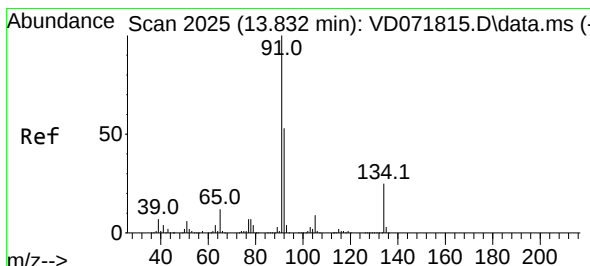
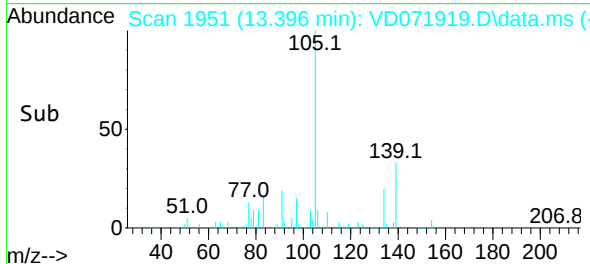
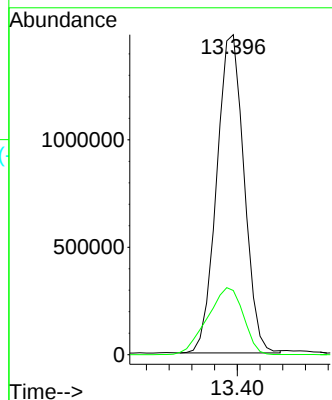
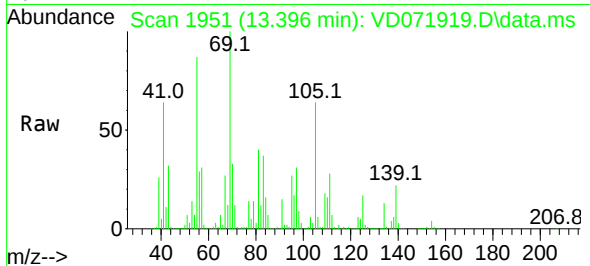




#85
 sec-Butylbenzene
 Concen: 35.724 ug/l
 RT: 13.396 min Scan# 1950
 Delta R.T. 0.006 min
 Lab File: VD071919.D
 Acq: 08 Feb 2022 15:49

Instrument :
 MSVOA_D
 ClientSampleId :
 DB-10(13-15)-02-04-22

Tgt Ion:105 Resp: 2481955
 Ion Ratio Lower Upper
 105 100
 134 27.6 9.8 29.3



#89
 n-Butylbenzene
 Concen: 8.904 ug/l
 RT: 13.832 min Scan# 2025
 Delta R.T. 0.000 min
 Lab File: VD071919.D
 Acq: 08 Feb 2022 15:49

Tgt Ion: 91 Resp: 493164
 Ion Ratio Lower Upper
 91 100
 92 48.8 26.6 79.8
 134 22.7 12.3 36.9

