

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020322\
 Data File : VD071892.D
 Acq On : 03 Feb 2022 15:09
 Operator : VA/SY
 Sample : N1373-01RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-3-020222RE

Quant Time: Feb 04 00:50:44 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)

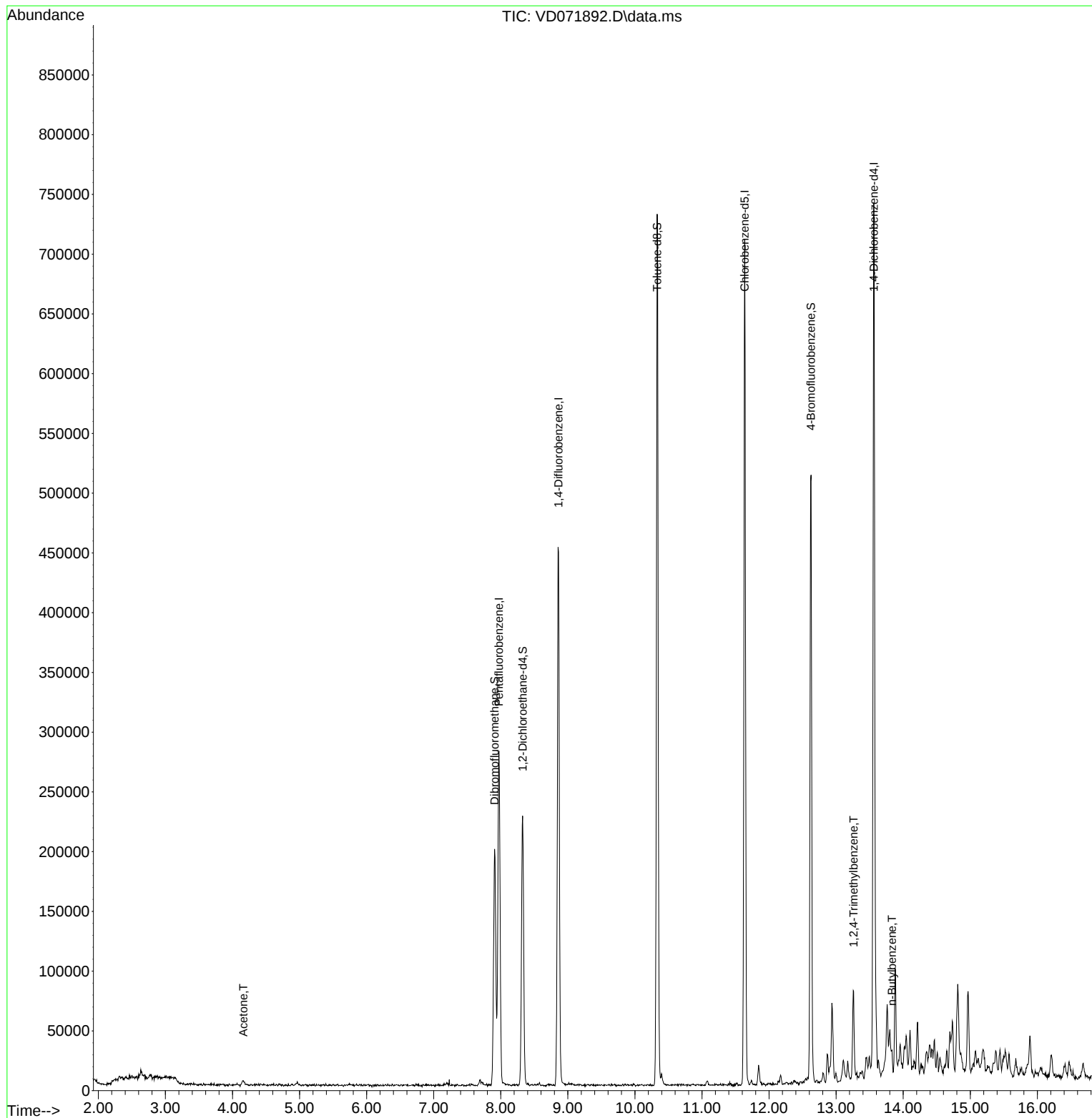
Internal Standards						
1) Pentafluorobenzene	7.973	168	193168	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	363674	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	369826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	181037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	183446	75.135	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 150.280%	
35) Dibromofluoromethane	7.908	113	139292	58.268	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.540%	
50) Toluene-d8	10.332	98	463273	51.891	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.780%	
62) 4-Bromofluorobenzene	12.626	95	166788	53.497	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.000%	
Target Compounds						Qvalue
16) Acetone	4.162	43	6450	9.651	ug/l	91
84) 1,2,4-Trimethylbenzene	13.261	105	40024	3.499	ug/l	100
89) n-Butylbenzene	13.832	91	12714	1.058	ug/l #	78

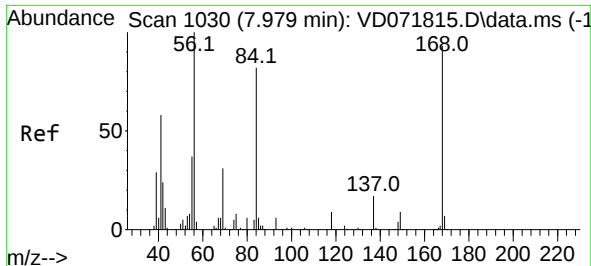
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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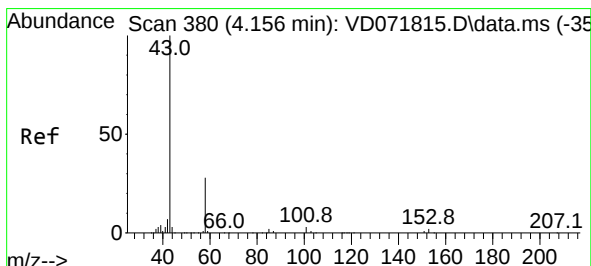
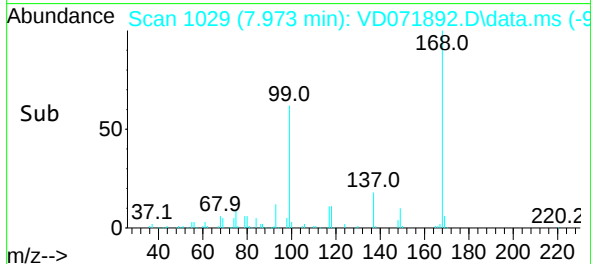
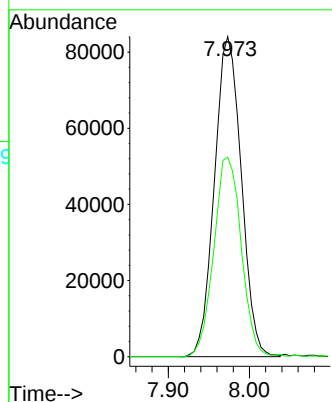
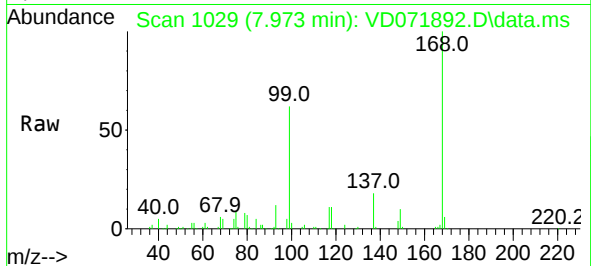




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071892.D
Acq: 03 Feb 2022 15:09

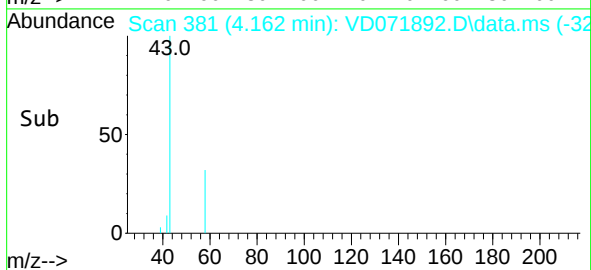
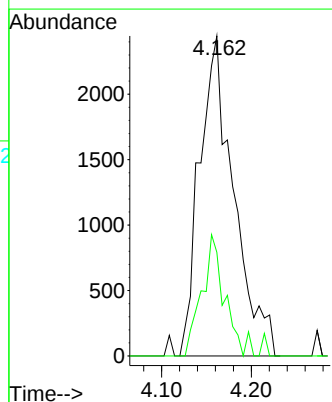
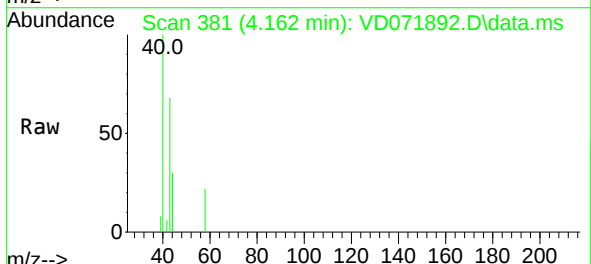
Instrument :
MSVOA_D
ClientSampleId :
OR-3-020222RE

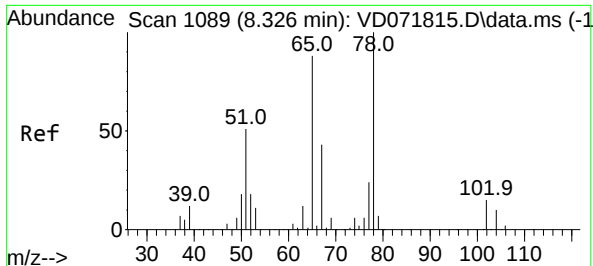
Tgt Ion:168 Resp: 193168
Ion Ratio Lower Upper
168 100
99 62.4 49.8 74.6



#16
Acetone
Concen: 9.651 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071892.D
Acq: 03 Feb 2022 15:09

Tgt Ion: 43 Resp: 6450
Ion Ratio Lower Upper
43 100
58 32.4 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 75.135 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071892.D

Acq: 03 Feb 2022 15:09

Instrument :

MSVOA_D

ClientSampleId :

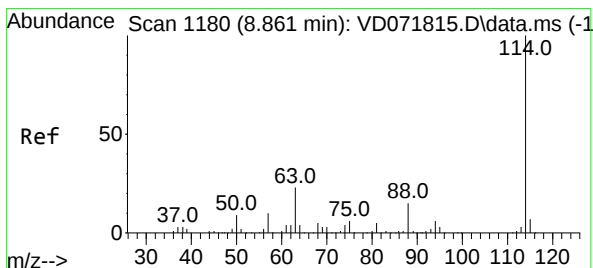
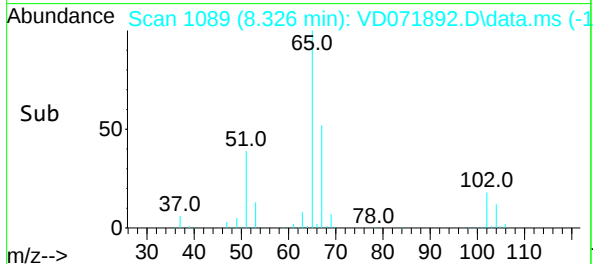
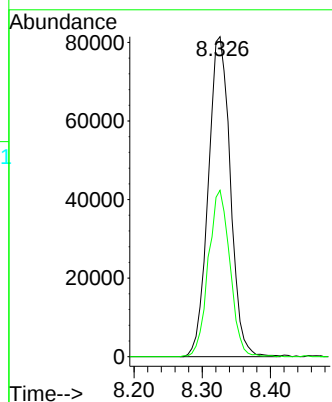
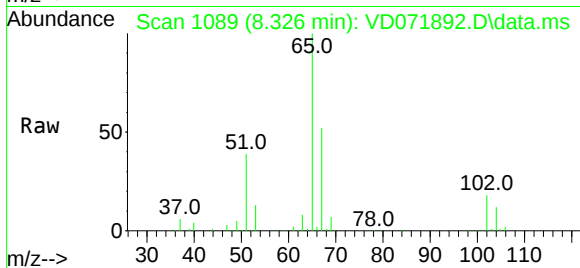
OR-3-020222RE

Tgt Ion: 65 Resp: 183446

Ion Ratio Lower Upper

65 100

67 50.9 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: VD071892.D

Acq: 03 Feb 2022 15:09

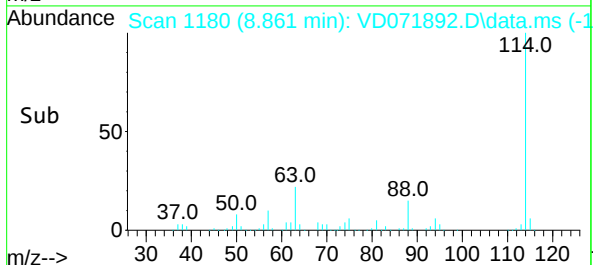
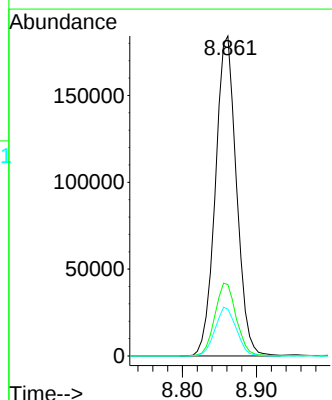
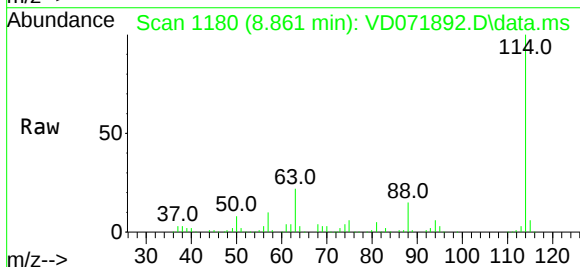
Tgt Ion: 114 Resp: 363674

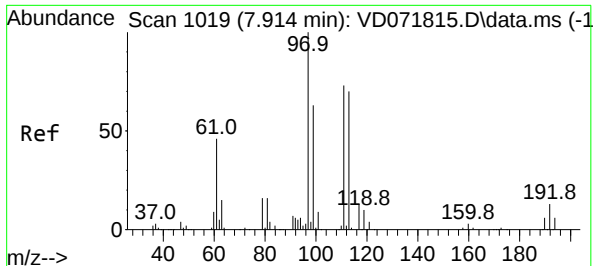
Ion Ratio Lower Upper

114 100

63 22.3 0.0 46.6

88 14.7 0.0 33.2

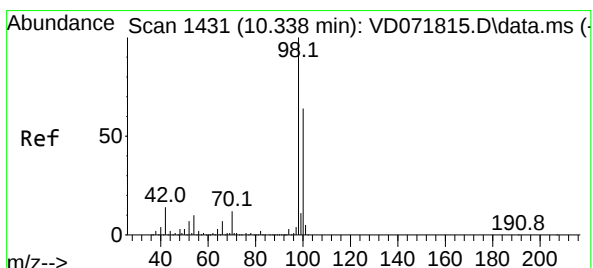
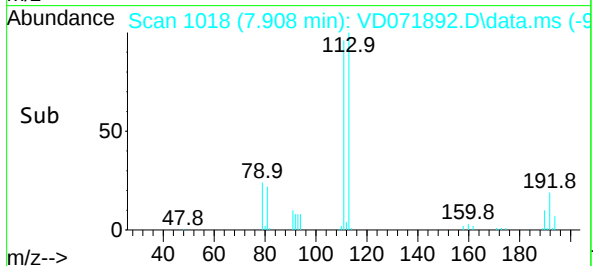
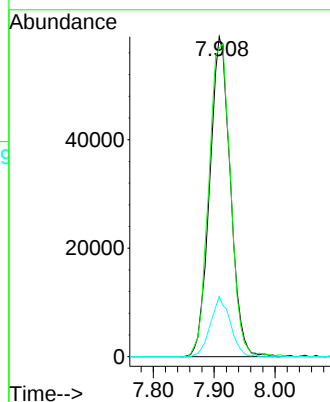
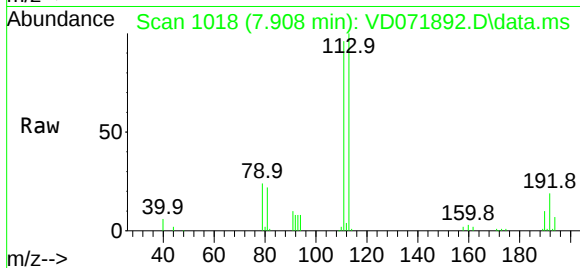




#35
Dibromofluoromethane
Concen: 58.268 ug/l
RT: 7.908 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071892.D
Acq: 03 Feb 2022 15:09

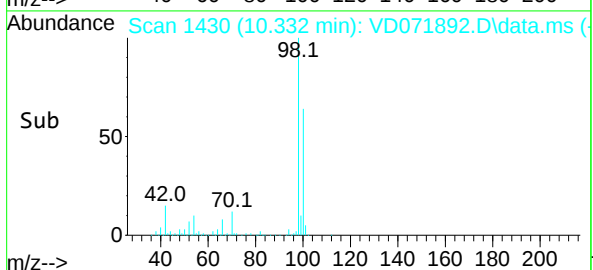
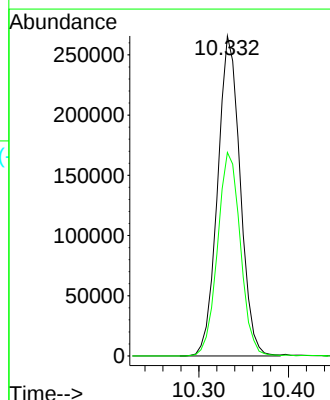
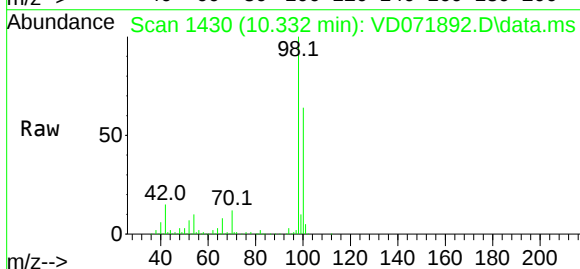
Instrument :
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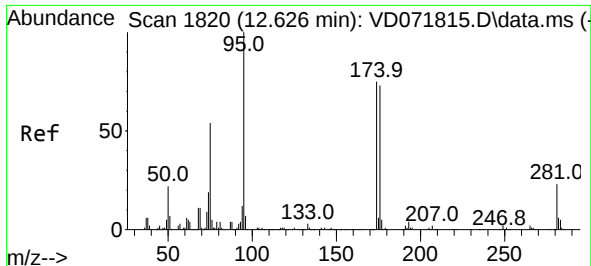
Tgt Ion:113 Resp: 139292
Ion Ratio Lower Upper
113 100
111 102.2 83.8 125.6
192 18.1 14.6 21.8



#50
Toluene-d8
Concen: 51.891 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071892.D
Acq: 03 Feb 2022 15:09

Tgt Ion: 98 Resp: 463273
Ion Ratio Lower Upper
98 100
100 64.6 52.4 78.6

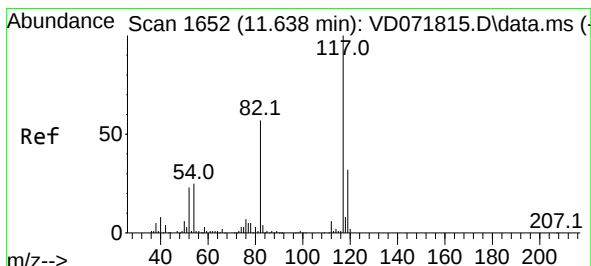
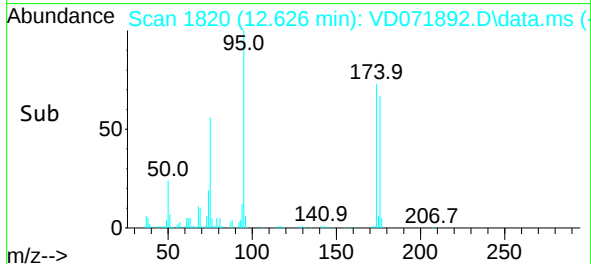
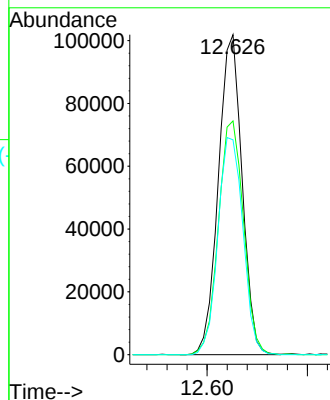
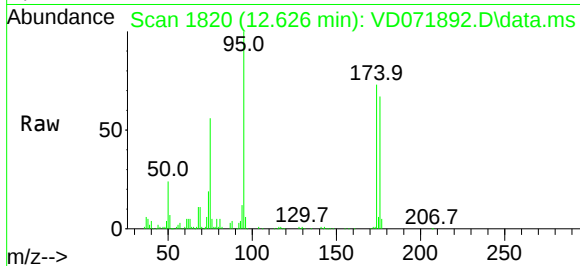




#62
4-Bromofluorobenzene
Concen: 53.497 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071892.D
Acq: 03 Feb 2022 15:09

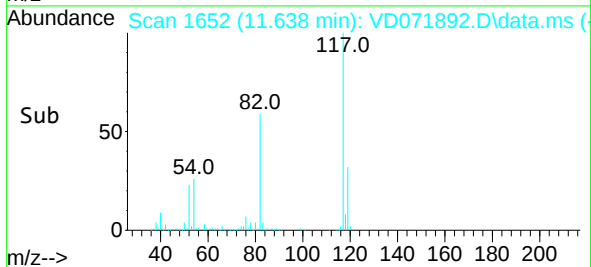
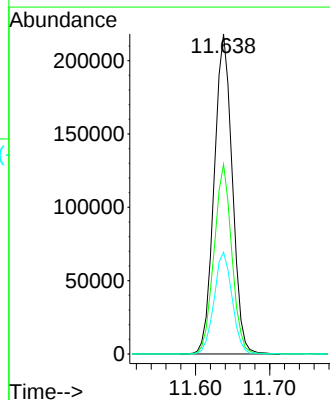
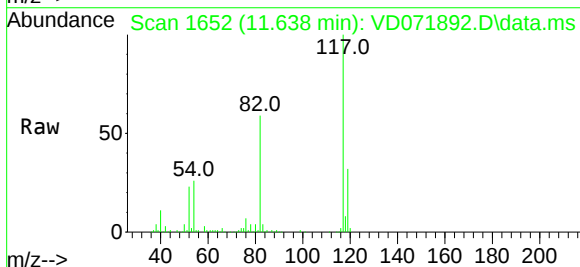
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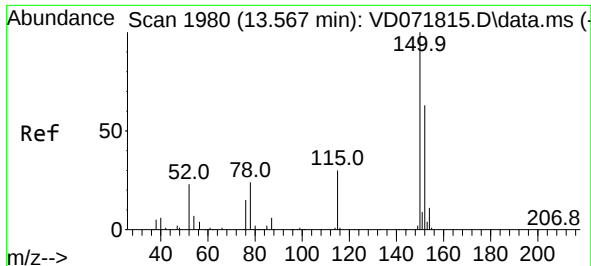
Tgt Ion: 95 Resp: 166788
Ion Ratio Lower Upper
95 100
174 77.5 0.0 152.8
176 71.8 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071892.D
Acq: 03 Feb 2022 15:09

Tgt Ion: 117 Resp: 369826
Ion Ratio Lower Upper
117 100
82 59.2 45.3 67.9
119 31.8 26.6 40.0

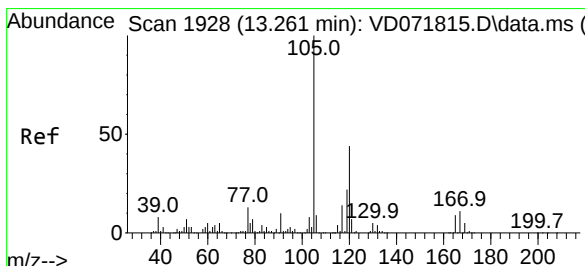
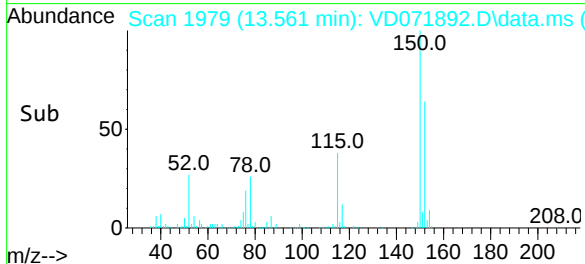
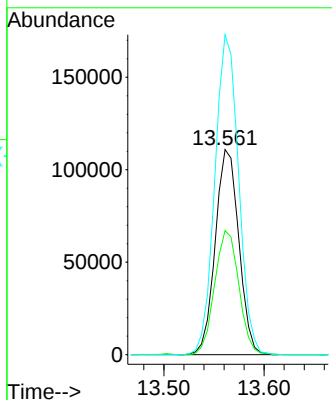
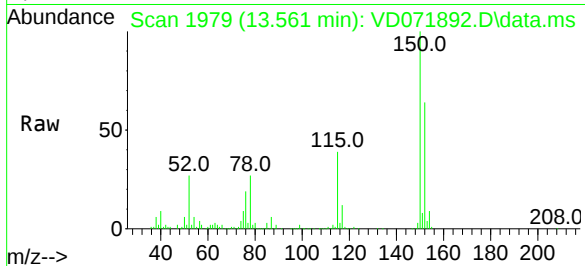




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1980
 Delta R.T. -0.006 min
 Lab File: VD071892.D
 Acq: 03 Feb 2022 15:09

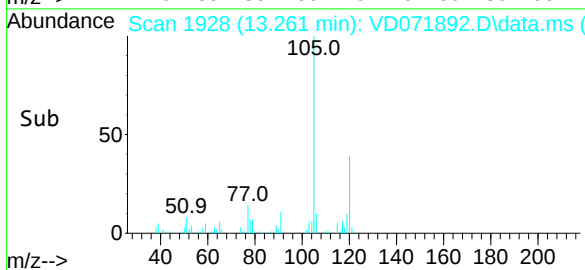
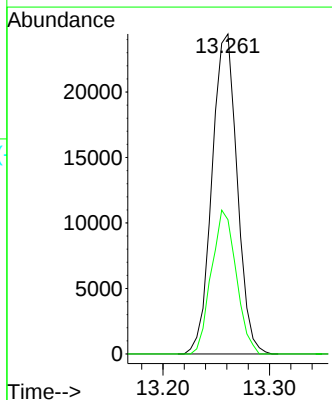
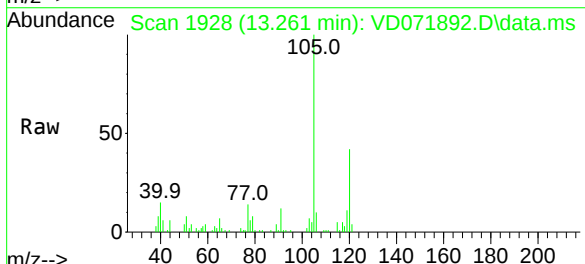
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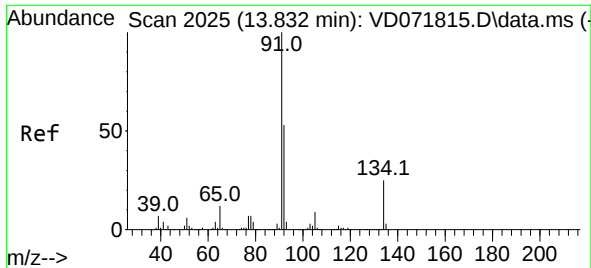
Tgt Ion:152 Resp: 181037
 Ion Ratio Lower Upper
 152 100
 115 62.2 31.3 93.8
 150 157.2 0.0 348.6



#84
 1,2,4-Trimethylbenzene
 Concen: 3.499 ug/l
 RT: 13.261 min Scan# 1928
 Delta R.T. -0.000 min
 Lab File: VD071892.D
 Acq: 03 Feb 2022 15:09

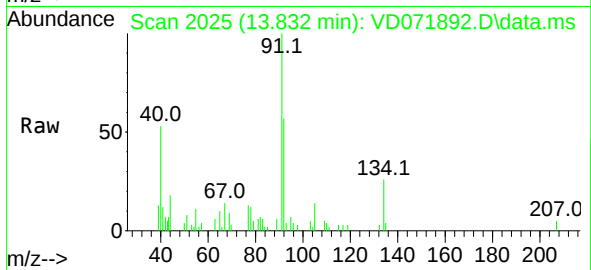
Tgt Ion:105 Resp: 40024
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.3 66.8





#89
 n-Butylbenzene
 Concen: 1.058 ug/l
 RT: 13.832 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD071892.D
 Acq: 03 Feb 2022 15:09

Instrument :
 MSVOA_D
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Tgt Ion:	91	Resp:	12714
Ion	Ratio	Lower	Upper
91	100		
92	46.7	26.6	79.8
134	0.0	12.3	36.9

