

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021622\
 Data File : VD072000.D
 Acq On : 16 Feb 2022 19:16
 Operator : VA/SY
 Sample : N1571-01
 Misc : 6.78G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

Quant Time: Feb 17 00:51:16 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)

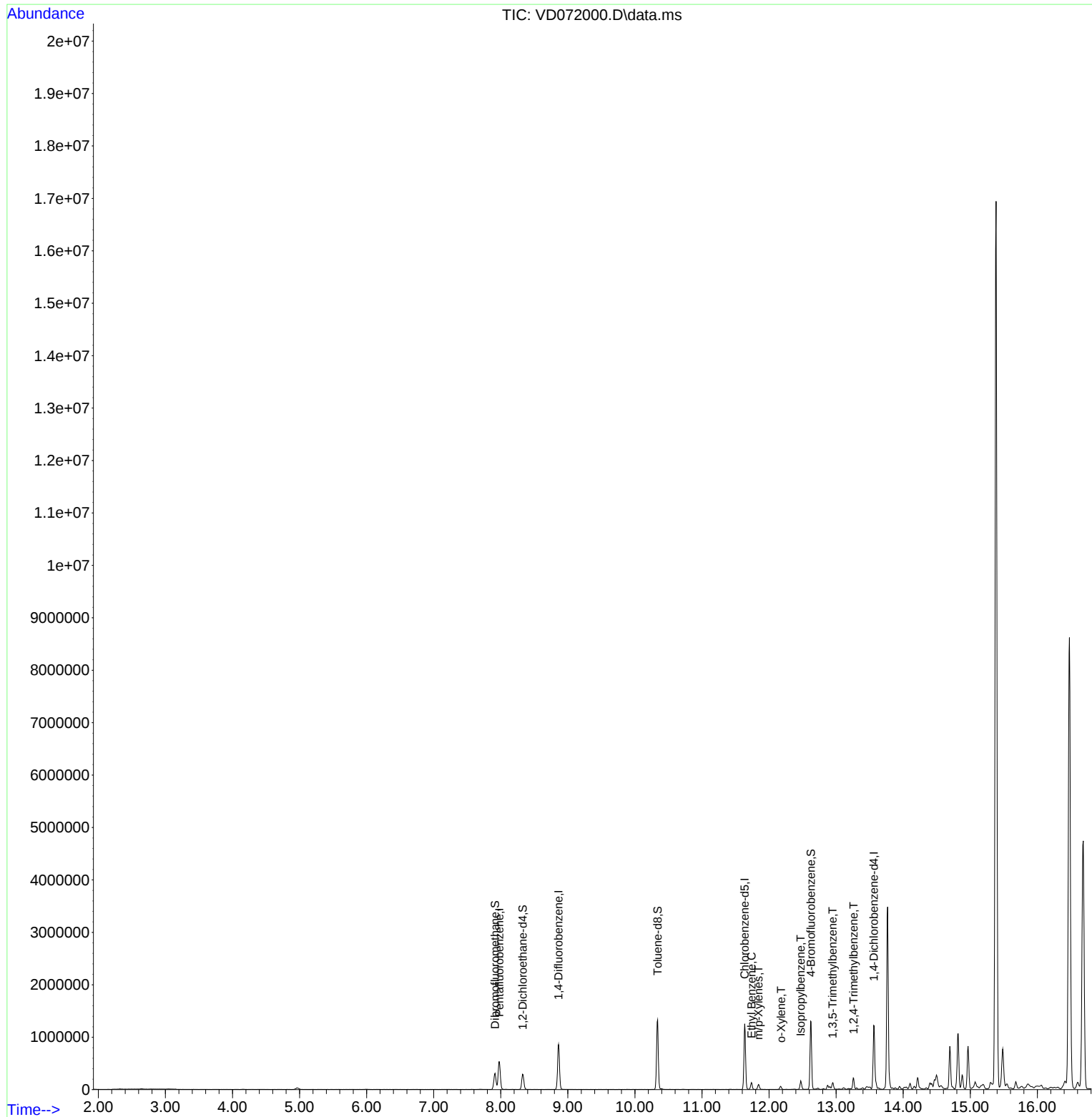
Internal Standards						
1) Pentafluorobenzene	7.979	168	362732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	673367	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	644368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	297371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	235595	51.387	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.780%	
35) Dibromofluoromethane	7.914	113	212840	48.086	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.180%	
50) Toluene-d8	10.338	98	858061	51.908	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.820%	
62) 4-Bromofluorobenzene	12.626	95	306652	53.121	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.240%	
Target Compounds						
					Qvalue	
67) Ethyl Benzene	11.738	91	86639	3.454	ug/l	99
68) m/p-Xylenes	11.843	106	24368	2.554	ug/l	99
69) o-Xylene	12.179	106	14430	1.664	ug/l	99
73) Isopropylbenzene	12.473	105	59562	2.587	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	57030	2.986	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	116076	6.178	ug/l	99

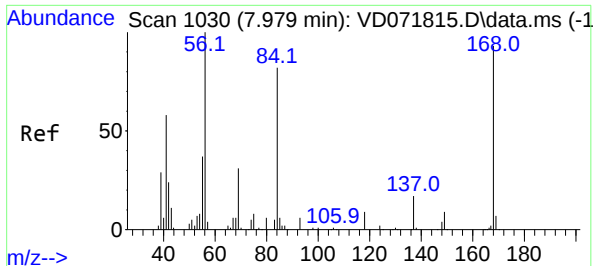
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 17 00:51:16 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





Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD072000.D

Acq: 16 Feb 2022 19:16

Instrument :

MSVOA_D

ClientSampleId :

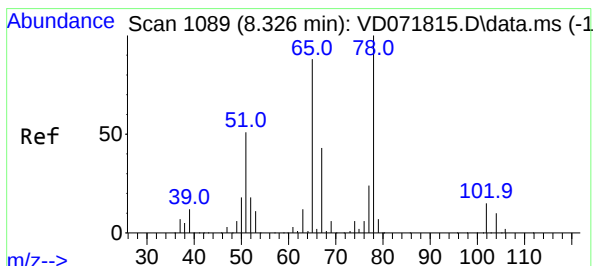
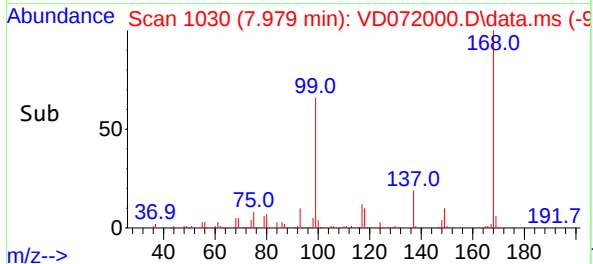
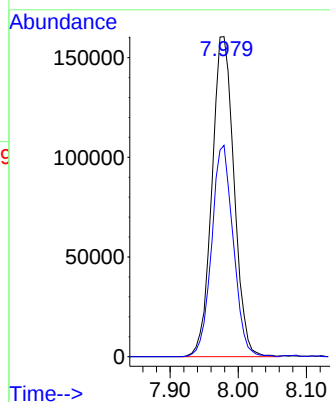
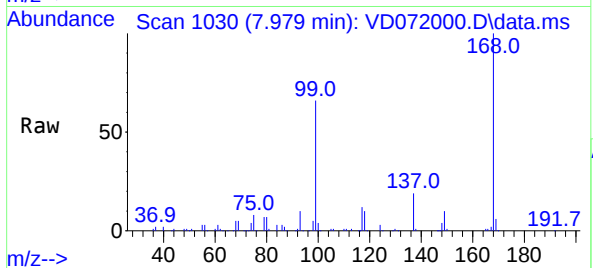
TP-3

Tgt Ion:168 Resp: 362732

Ion Ratio Lower Upper

168 100

99 66.1 49.8 74.6



1,2-Dichloroethane-d4

Concen: 51.387 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072000.D

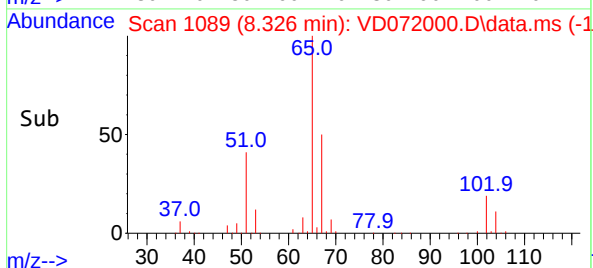
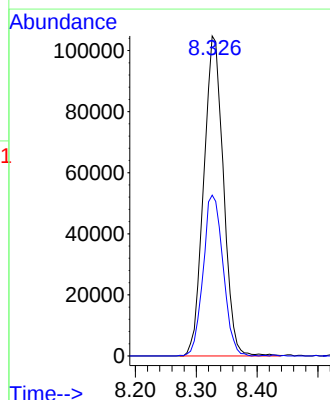
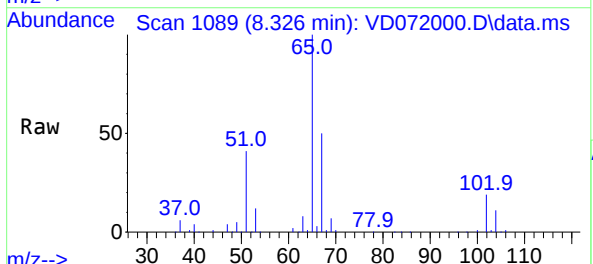
Acq: 16 Feb 2022 19:16

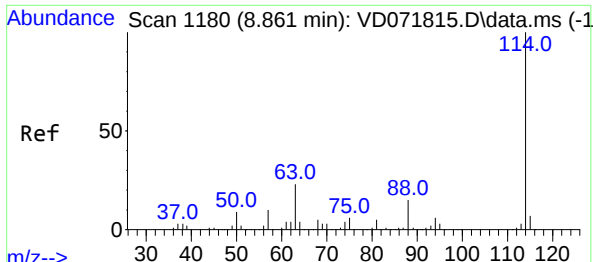
Tgt Ion: 65 Resp: 235595

Ion Ratio Lower Upper

65 100

67 50.9 0.0 101.4



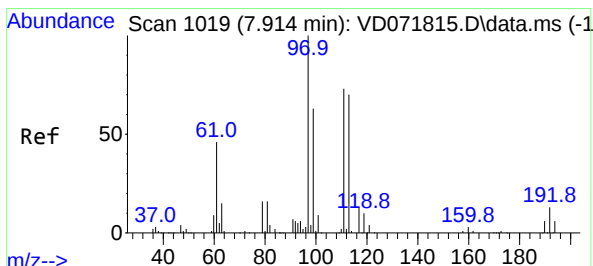
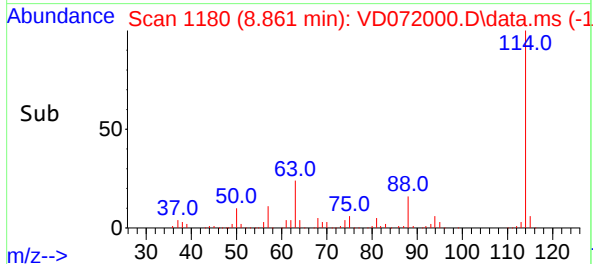
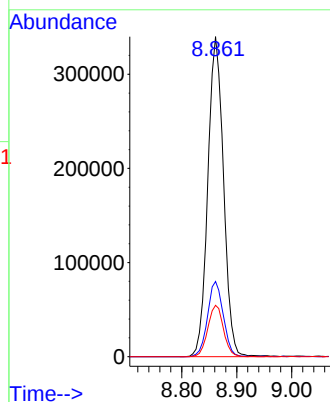
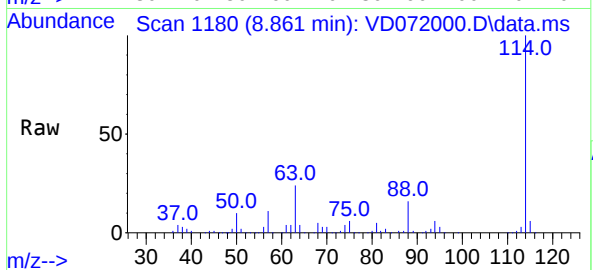


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072000.D
Acq: 16 Feb 2022 19:16

Instrument :
MSVOA_D
ClientSampleId :
TP-3

Tgt Ion:114 Resp: 673367

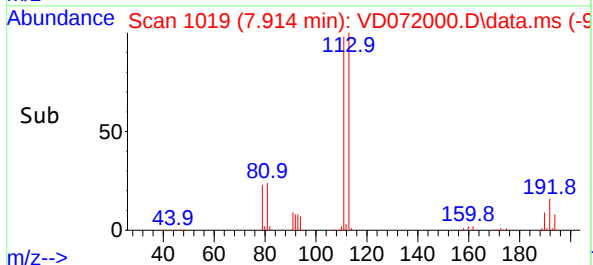
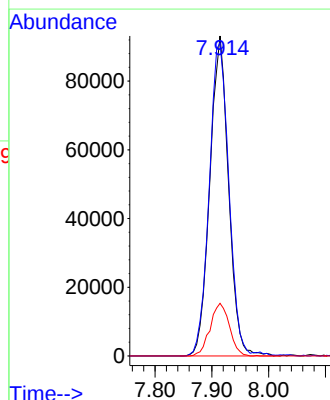
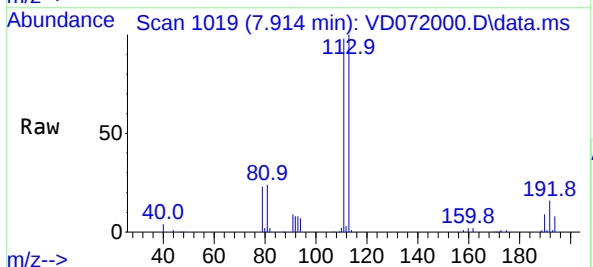
Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	46.6
88	16.1	0.0	33.2

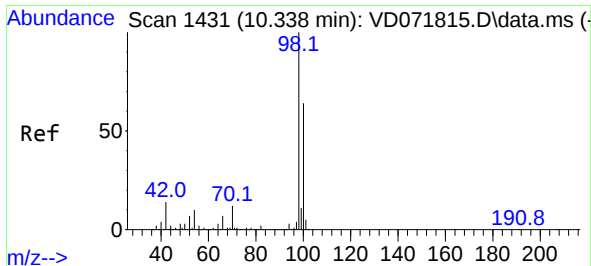


#35
Dibromofluoromethane
Concen: 48.086 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD072000.D
Acq: 16 Feb 2022 19:16

Tgt Ion:113 Resp: 212840

Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.8	125.6
192	16.9	14.6	21.8

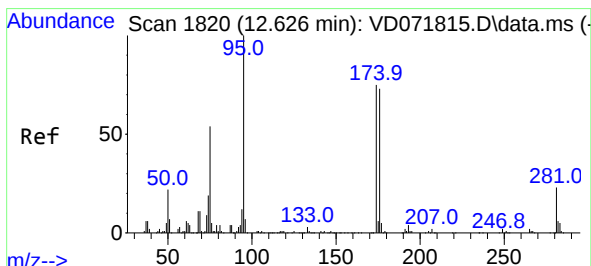
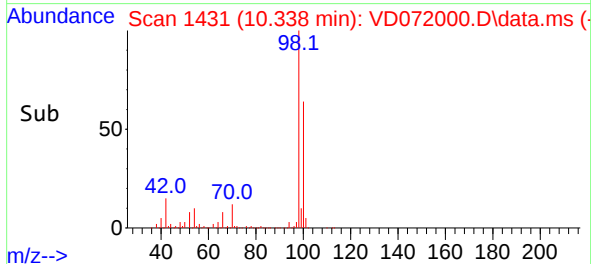
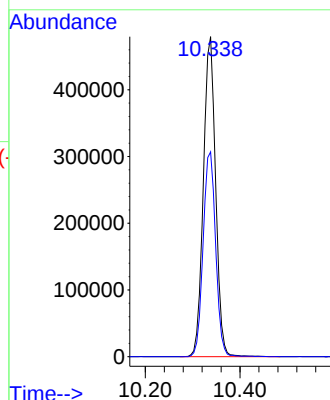
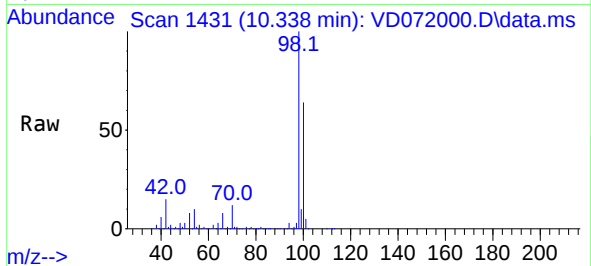




#50
Toluene-d8
Concen: 51.908 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD072000.D
Acq: 16 Feb 2022 19:16

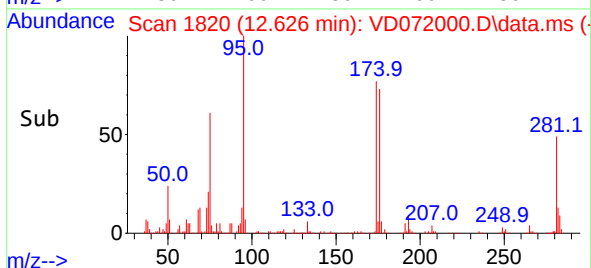
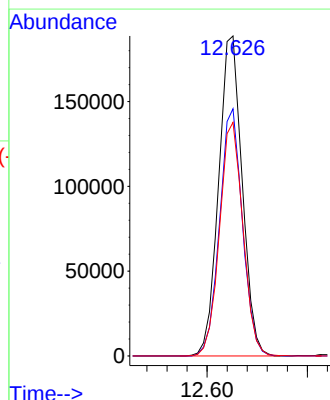
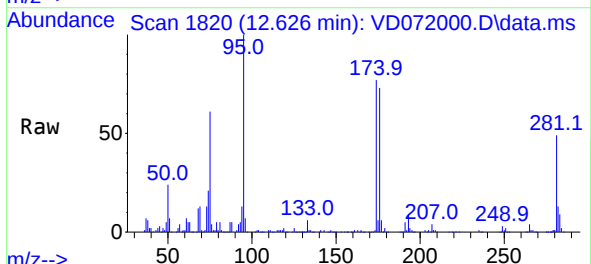
Instrument :
MSVOA_D
ClientSampleId :
TP-3

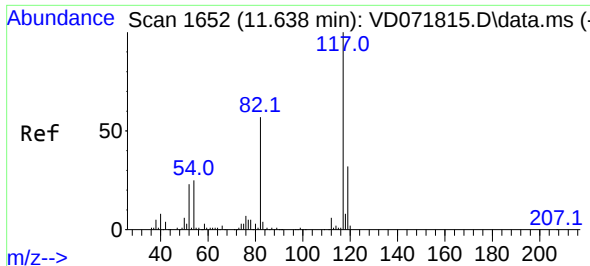
Tgt Ion: 98 Resp: 858061
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 53.121 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD072000.D
Acq: 16 Feb 2022 19:16

Tgt Ion: 95 Resp: 306652
Ion Ratio Lower Upper
95 100
174 75.1 0.0 152.8
176 72.4 0.0 145.4

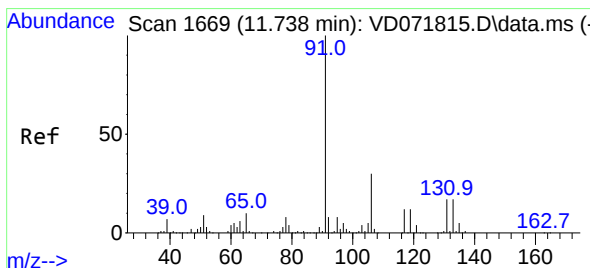
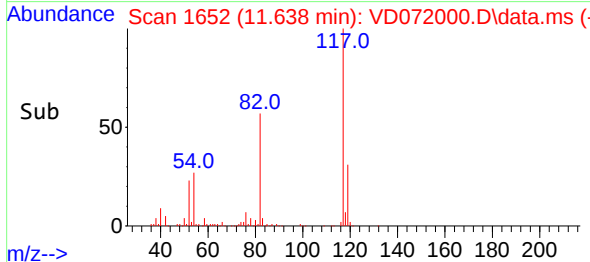
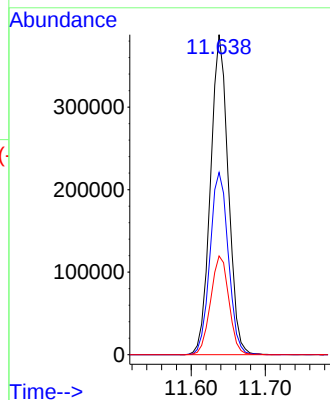
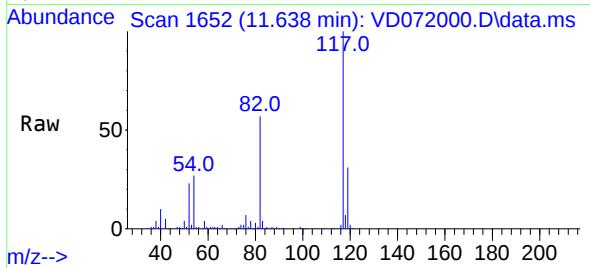




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD072000.D
Acq: 16 Feb 2022 19:16

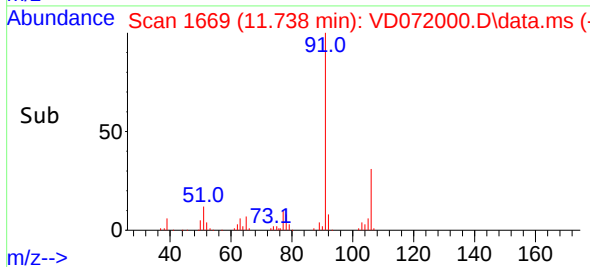
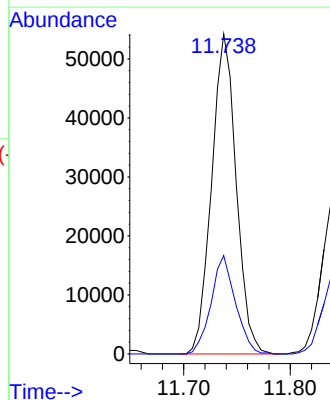
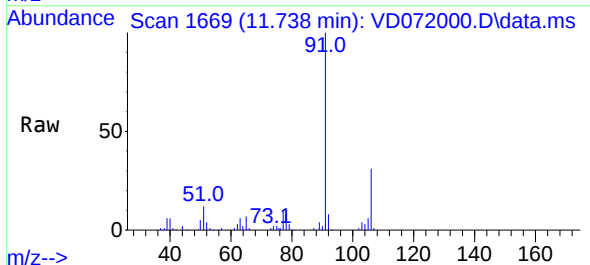
Instrument :
MSVOA_D
ClientSampleId :
TP-3

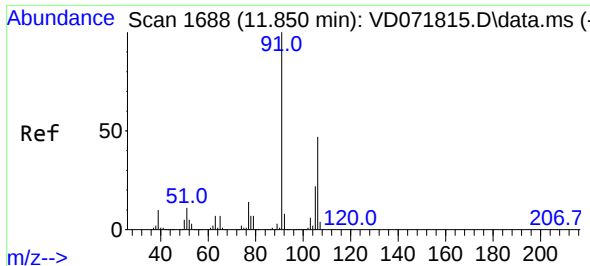
Tgt Ion:117 Resp: 644368
Ion Ratio Lower Upper
117 100
82 57.0 45.3 67.9
119 30.9 26.6 40.0



#67
Ethyl Benzene
Concen: 3.454 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072000.D
Acq: 16 Feb 2022 19:16

Tgt Ion: 91 Resp: 86639
Ion Ratio Lower Upper
91 100
106 30.8 24.2 36.4

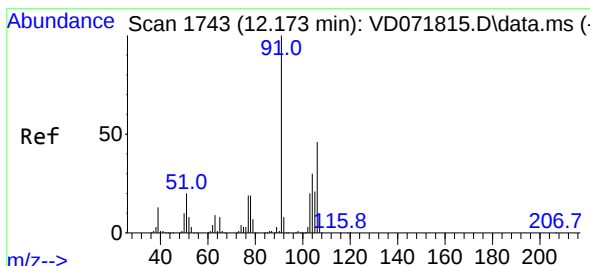
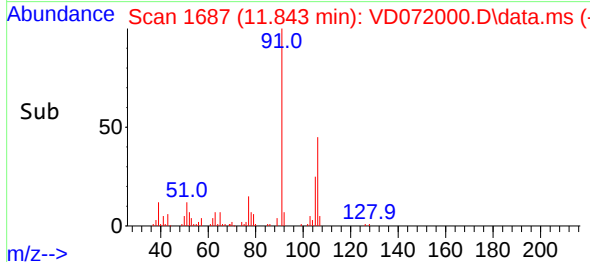
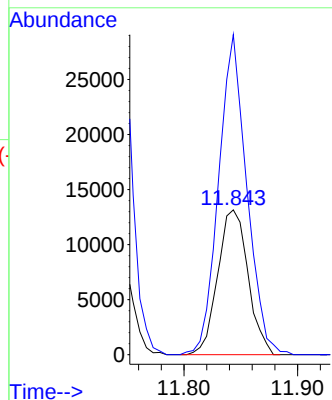
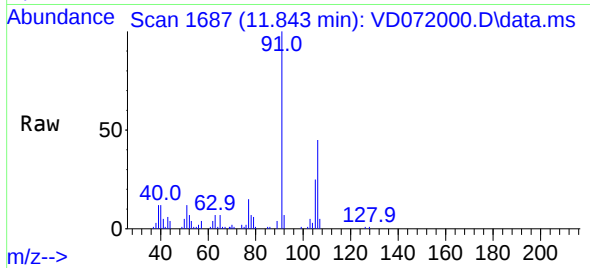




#68
m/p-Xylenes
Concen: 2.554 ug/l
RT: 11.843 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD072000.D
Acq: 16 Feb 2022 19:16

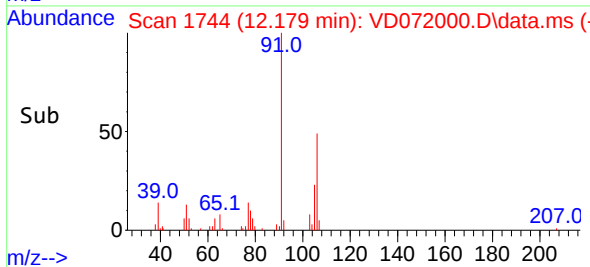
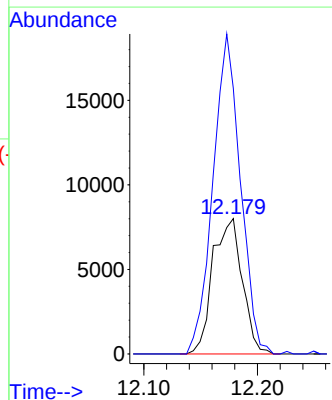
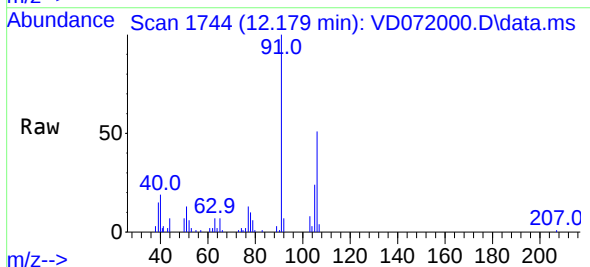
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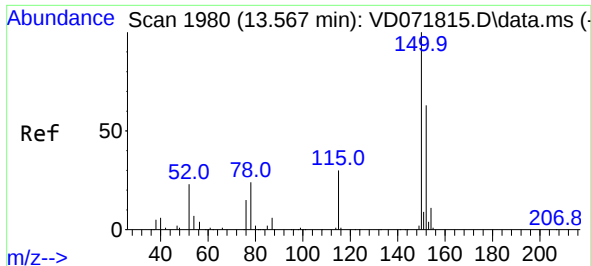
Tgt Ion:106 Resp: 24368
Ion Ratio Lower Upper
106 100
91 205.6 163.7 245.5



#69
o-Xylene
Concen: 1.664 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.006 min
Lab File: VD072000.D
Acq: 16 Feb 2022 19:16

Tgt Ion:106 Resp: 14430
Ion Ratio Lower Upper
106 100
91 219.7 110.4 331.2

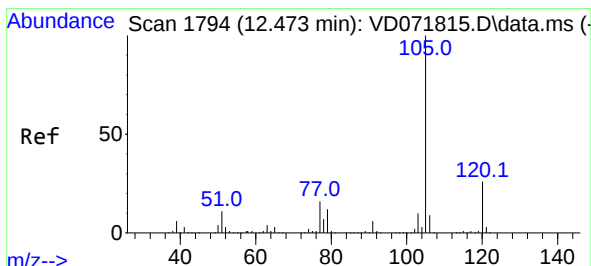
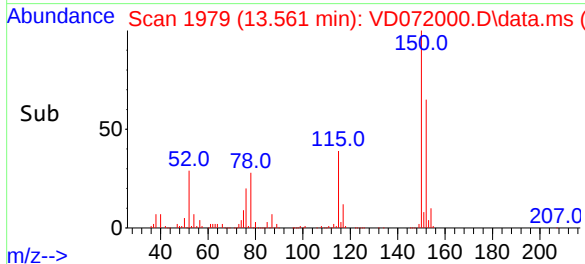
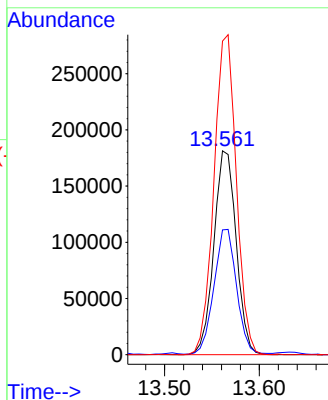
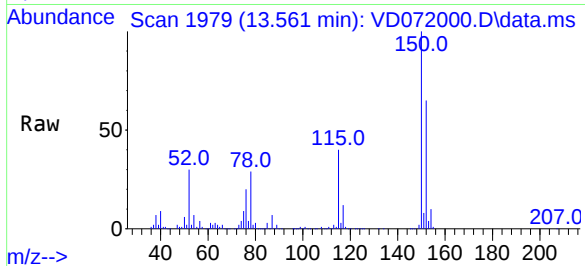




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD072000.D
Acq: 16 Feb 2022 19:16

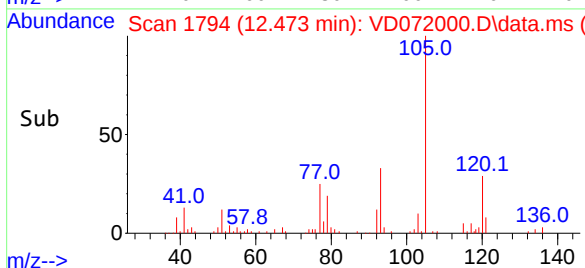
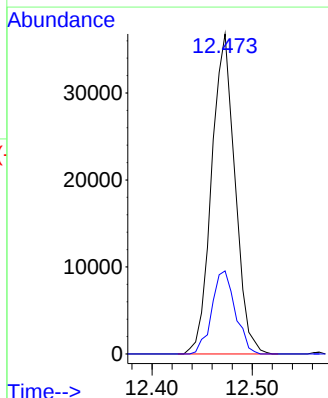
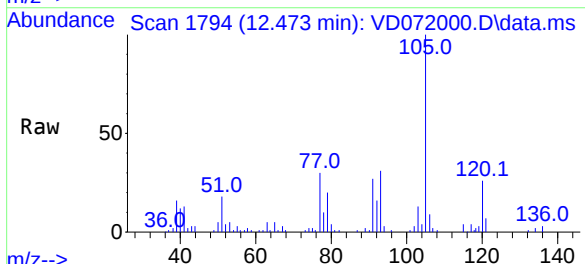
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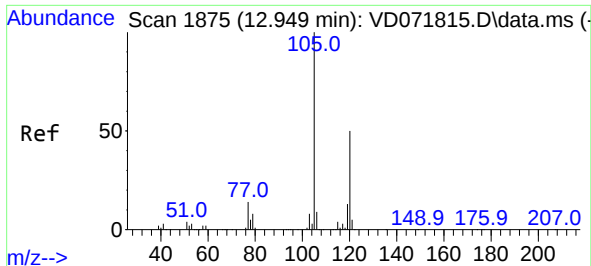
Tgt Ion:152 Resp: 297371
Ion Ratio Lower Upper
152 100
115 61.9 31.3 93.8
150 157.5 0.0 348.6



#73
Isopropylbenzene
Concen: 2.587 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD072000.D
Acq: 16 Feb 2022 19:16

Tgt Ion:105 Resp: 59562
Ion Ratio Lower Upper
105 100
120 26.0 13.0 38.9

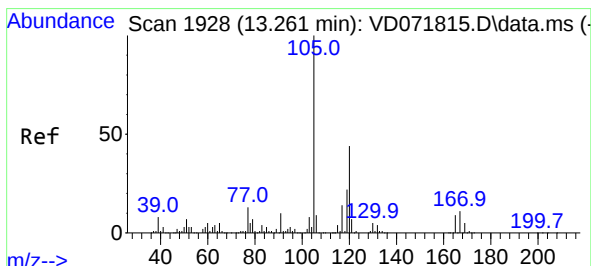
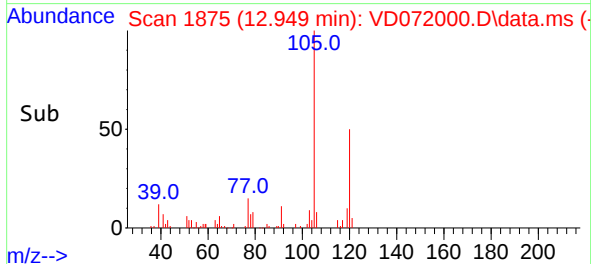
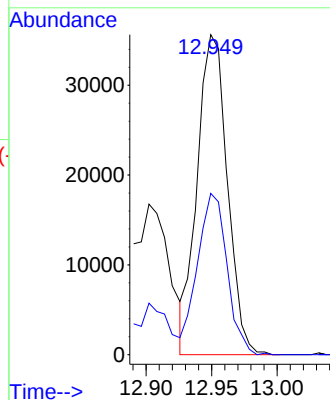
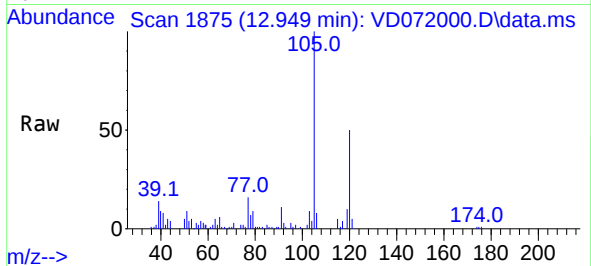




#80
1,3,5-Trimethylbenzene
Concen: 2.986 ug/l
RT: 12.949 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072000.D
Acq: 16 Feb 2022 19:16

Instrument :
MSVOA_D
ClientSampleId :
TP-3

Tgt Ion:105 Resp: 57030
Ion Ratio Lower Upper
105 100
120 49.4 24.3 72.8



#84
1,2,4-Trimethylbenzene
Concen: 6.178 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD072000.D
Acq: 16 Feb 2022 19:16

Tgt Ion:105 Resp: 116076
Ion Ratio Lower Upper
105 100
120 45.4 22.3 66.8

