

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022522\
 Data File : VD072103.D
 Acq On : 25 Feb 2022 16:33
 Operator : VA/SY
 Sample : N1655-08
 Misc : 6.94G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 UNK-MID

Quant Time: Feb 26 05:43:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

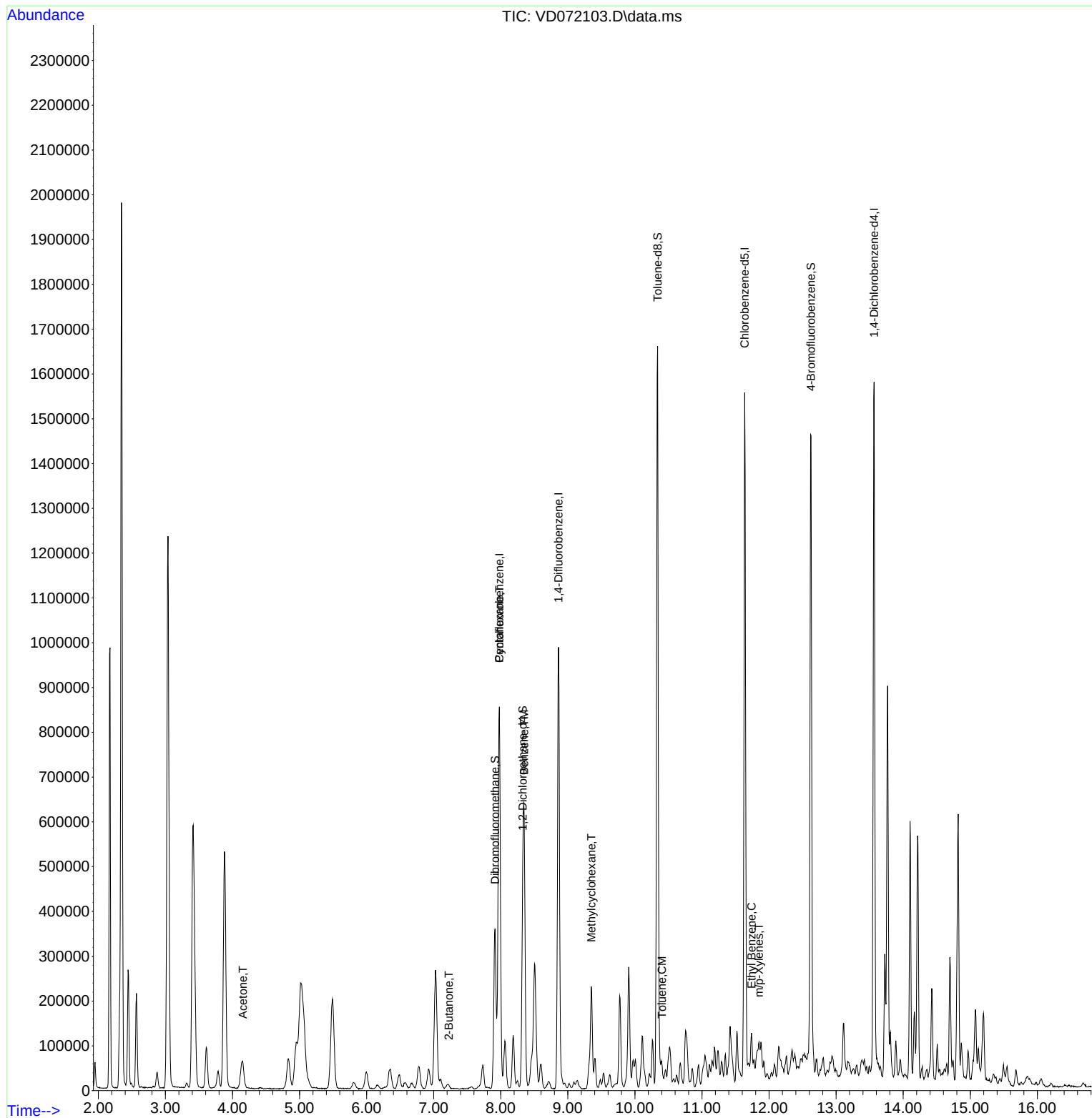
Internal Standards						
1) Pentafluorobenzene	7.979	168	484130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	820540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	832619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	412848	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	263163	52.404	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.800%			
35) Dibromofluoromethane	7.914	113	256036	51.502	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.000%			
50) Toluene-d8	10.338	98	1031470	55.949	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.900%			
62) 4-Bromofluorobenzene	12.626	95	417142	61.597	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 123.200%			
Target Compounds					Qvalue	
16) Acetone	4.156	43	64621	59.541	ug/l #	83
25) 2-Butanone	7.226	43	13032	8.688	ug/l #	89
31) Cyclohexane	7.979	56	123573	13.931	ug/l	93
39) Methylcyclohexane	9.349	83	69508	7.886	ug/l	90
40) Benzene	8.350	78	504586	23.746	ug/l	99
52) Toluene	10.402	92	21722	1.597	ug/l	95
67) Ethyl Benzene	11.738	91	38547	1.358	ug/l	98
68) m/p-Xylenes	11.849	106	17169	1.581	ug/l	98

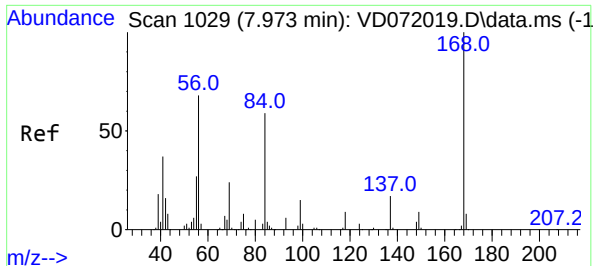
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 26 05:43:03 2022
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Quant Title : SW846 8260
QLast Update : Sat Feb 19 04:05:38 2022
Response via : Initial Calibration

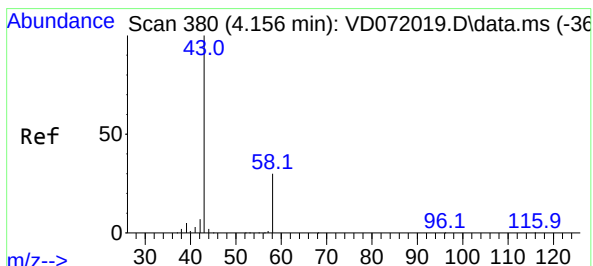
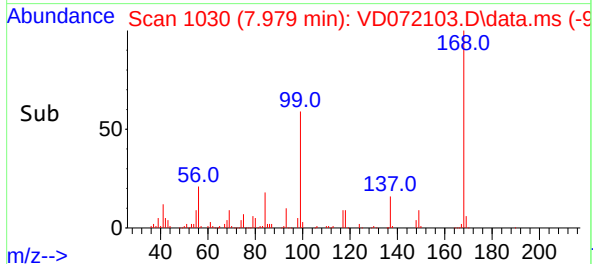
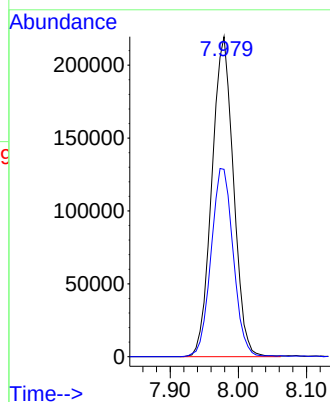
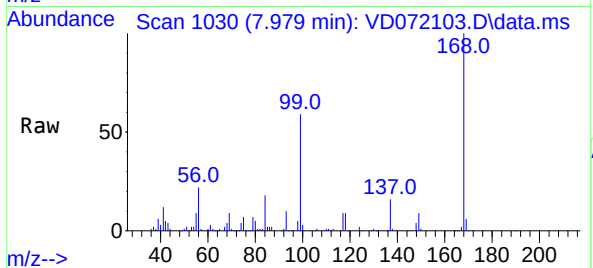




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072103.D
Acq: 25 Feb 2022 16:33

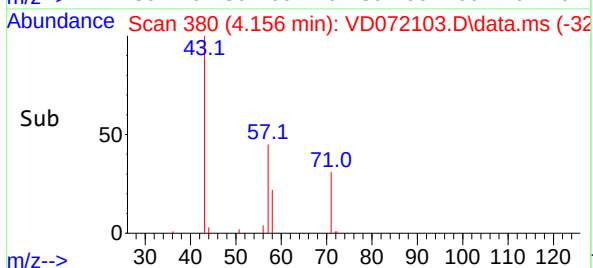
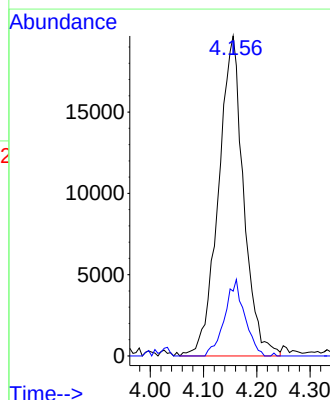
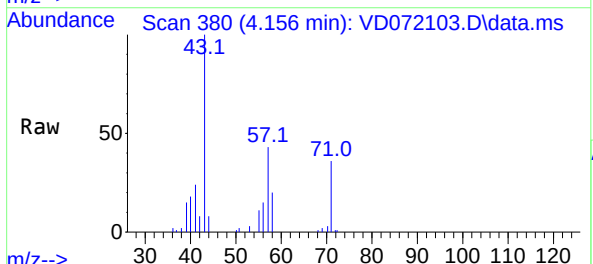
Instrument :
MSVOA_D
ClientSampleId :
UNK-MID

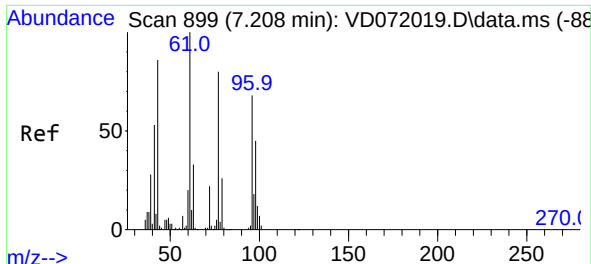
Tgt Ion:168 Resp: 484130
Ion Ratio Lower Upper
168 100
99 58.6 47.1 70.7



#16
Acetone
Concen: 59.541 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072103.D
Acq: 25 Feb 2022 16:33

Tgt Ion: 43 Resp: 64621
Ion Ratio Lower Upper
43 100
58 20.3 23.8 35.6#





#25

2-Butanone

Concen: 8.688 ug/l

RT: 7.226 min Scan# 90

Delta R.T. 0.018 min

Lab File: VD072103.D

Acq: 25 Feb 2022 16:33

Instrument :

MSVOA_D

ClientSampleId :

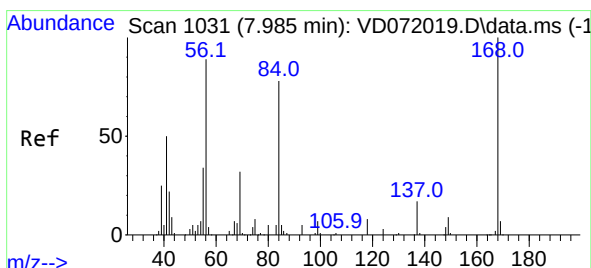
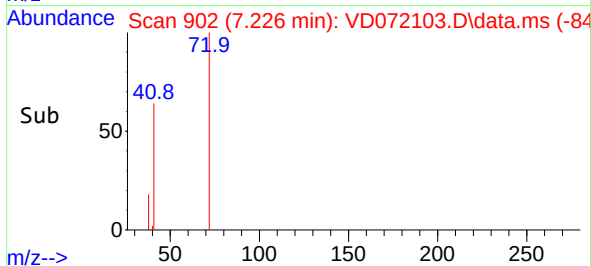
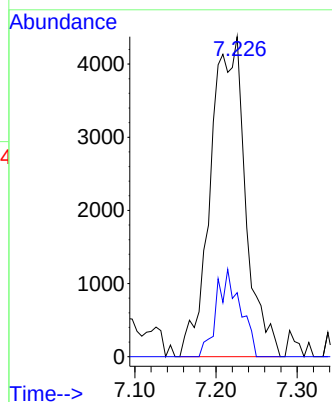
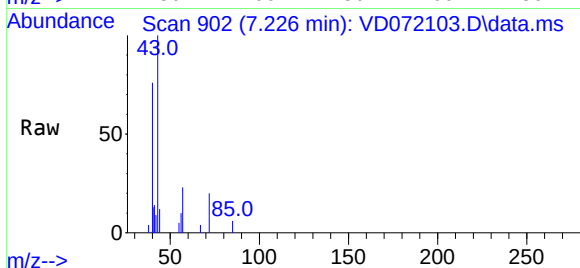
UNK-MID

Tgt Ion: 43 Resp: 13032

Ion Ratio Lower Upper

43 100

72 20.0 20.3 30.5#



#31

Cyclohexane

Concen: 13.931 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD072103.D

Acq: 25 Feb 2022 16:33

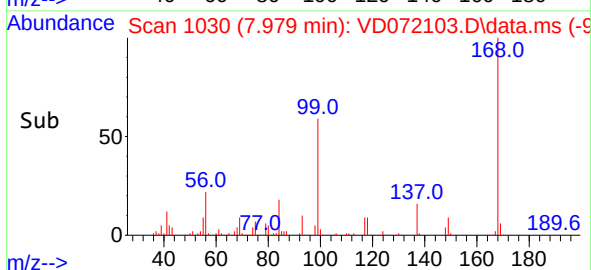
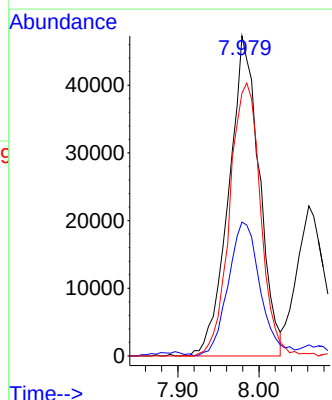
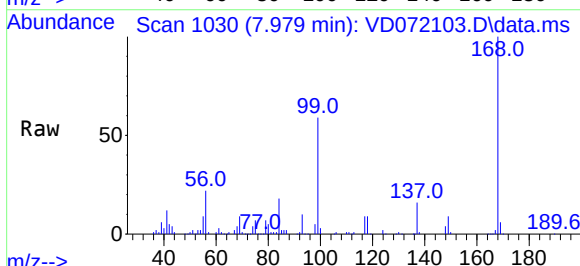
Tgt Ion: 56 Resp: 123573

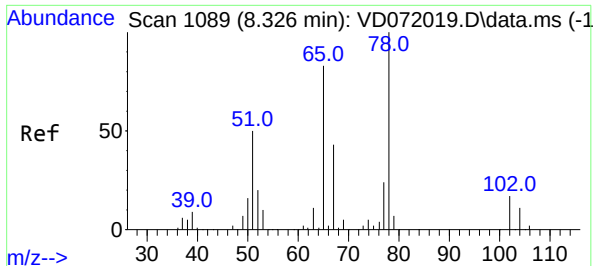
Ion Ratio Lower Upper

56 100

69 40.9 28.9 43.3

84 82.2 70.6 105.8

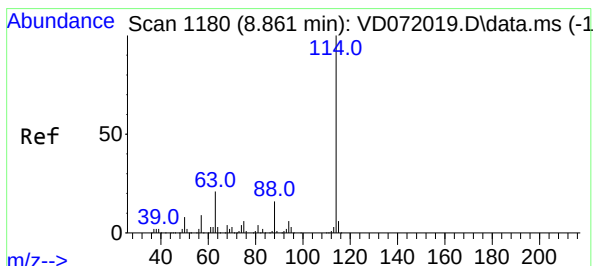
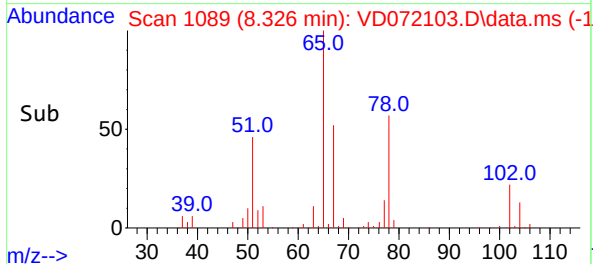
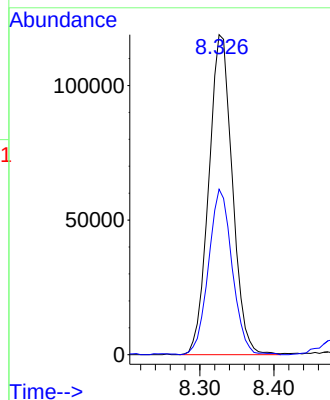
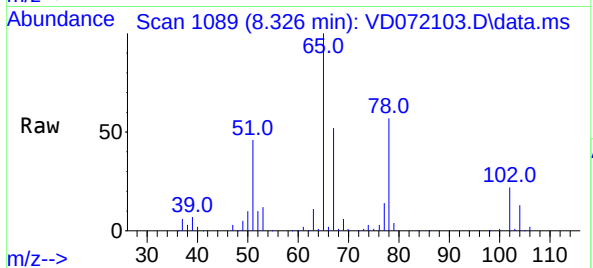




#33
1,2-Dichloroethane-d4
Concen: 52.404 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072103.D
Acq: 25 Feb 2022 16:33

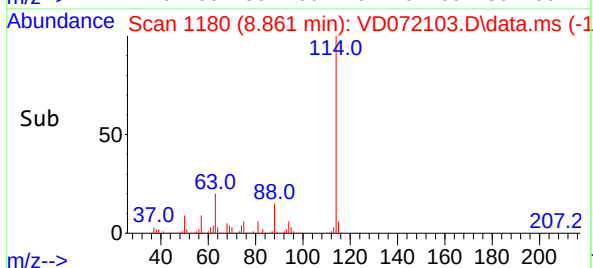
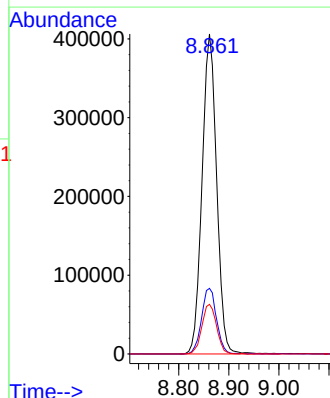
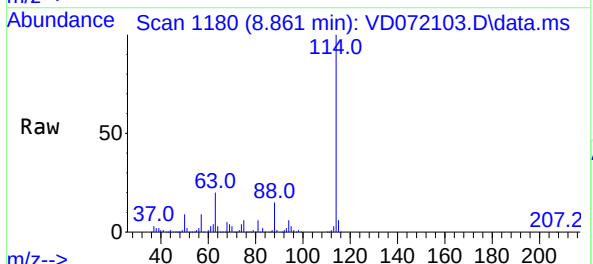
Instrument :
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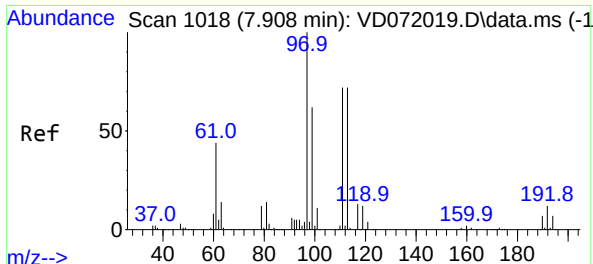
Tgt Ion: 65 Resp: 263163
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072103.D
Acq: 25 Feb 2022 16:33

Tgt Ion: 114 Resp: 820540
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.2
88 15.5 0.0 31.2

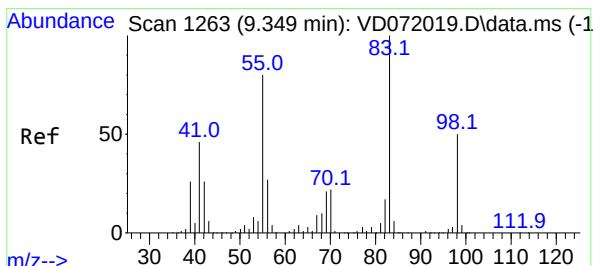
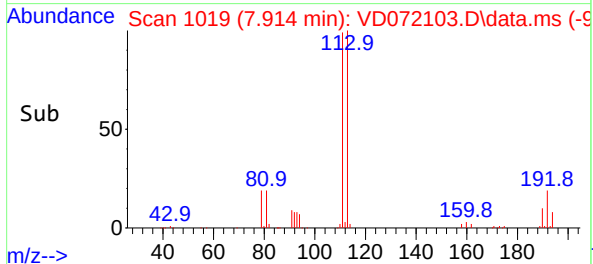
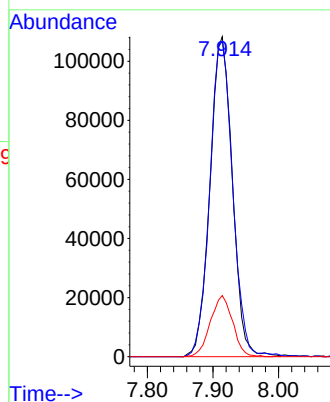
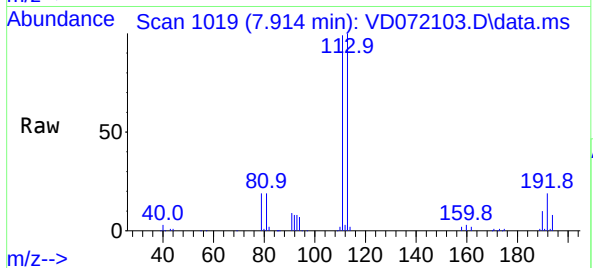




#35
Dibromofluoromethane
Concen: 51.502 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD072103.D
Acq: 25 Feb 2022 16:33

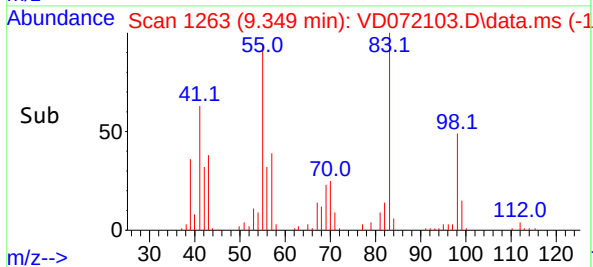
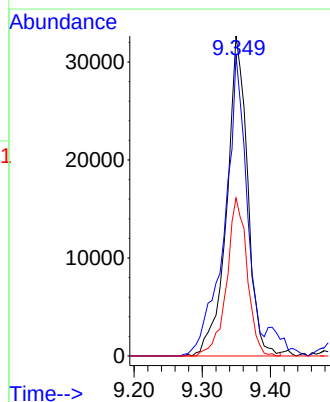
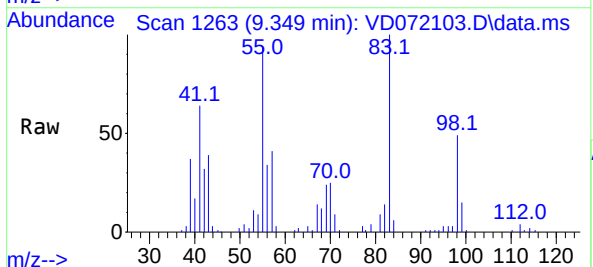
Instrument :
MSVOA_D
ClientSampleId :
UNK-MID

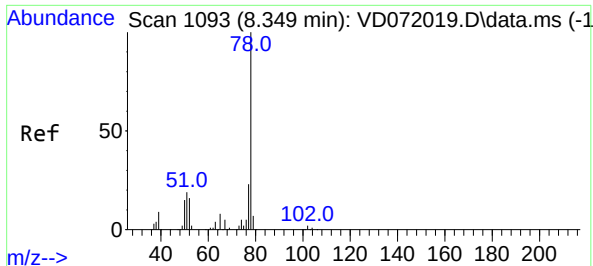
Tgt Ion:113 Resp: 256036
Ion Ratio Lower Upper
113 100
111 101.1 83.0 124.4
192 19.1 15.3 22.9



#39
Methylcyclohexane
Concen: 7.886 ug/l
RT: 9.349 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VD072103.D
Acq: 25 Feb 2022 16:33

Tgt Ion: 83 Resp: 69508
Ion Ratio Lower Upper
83 100
55 94.0 64.0 96.0
98 49.4 39.8 59.8

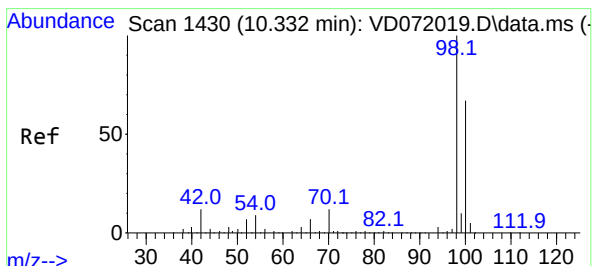
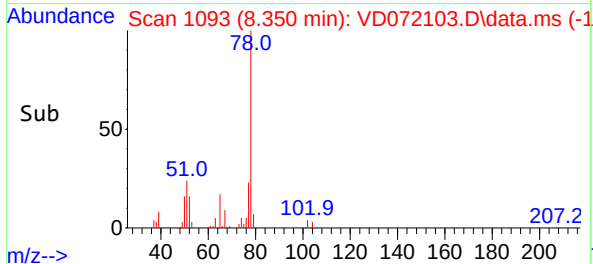
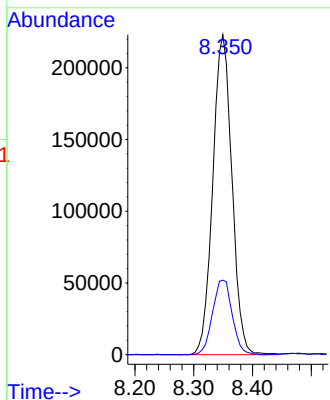
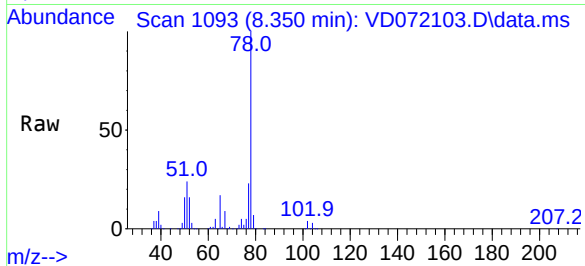




#40
Benzene
Concen: 23.746 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. 0.000 min
Lab File: VD072103.D
Acq: 25 Feb 2022 16:33

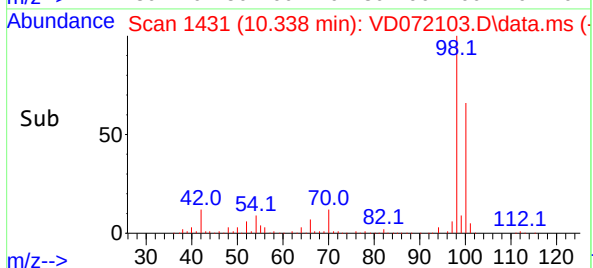
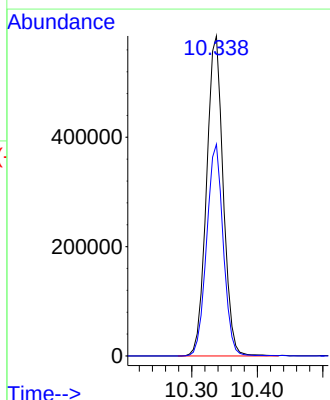
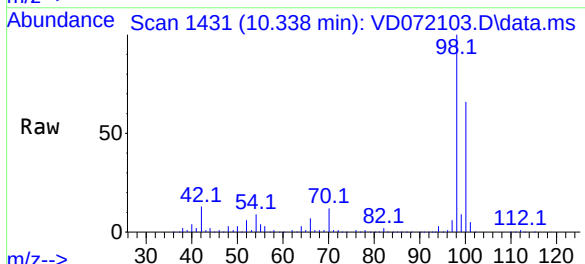
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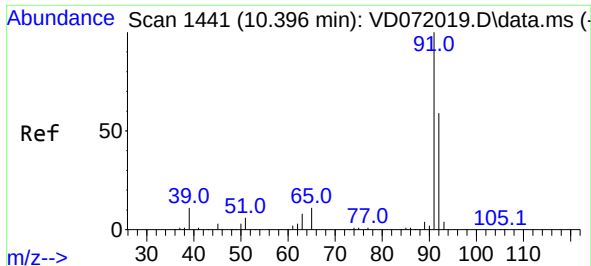
Tgt Ion: 78 Resp: 504586
Ion Ratio Lower Upper
78 100
77 23.3 18.2 27.4



#50
Toluene-d8
Concen: 55.949 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072103.D
Acq: 25 Feb 2022 16:33

Tgt Ion: 98 Resp: 1031470
Ion Ratio Lower Upper
98 100
100 66.0 53.8 80.6

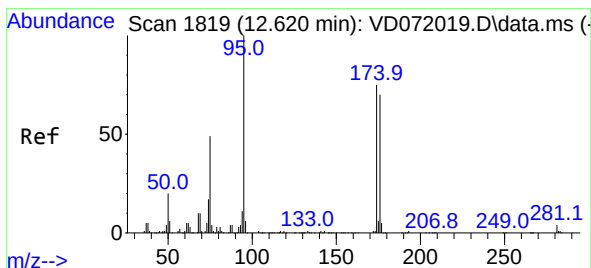
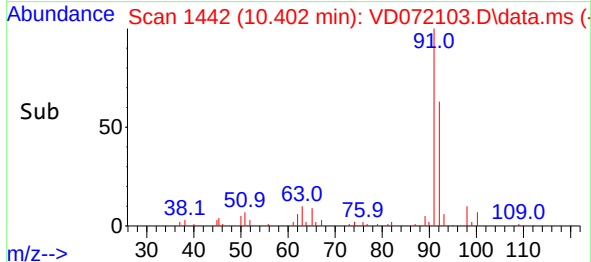
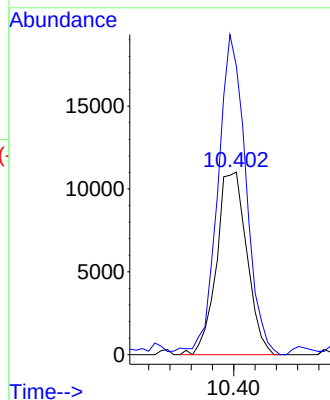
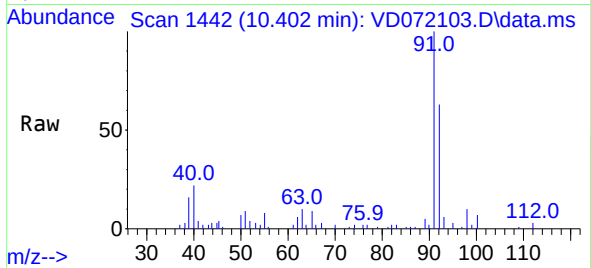




#52
Toluene
Concen: 1.597 ug/l
RT: 10.402 min Scan# 1441
Delta R.T. 0.006 min
Lab File: VD072103.D
Acq: 25 Feb 2022 16:33

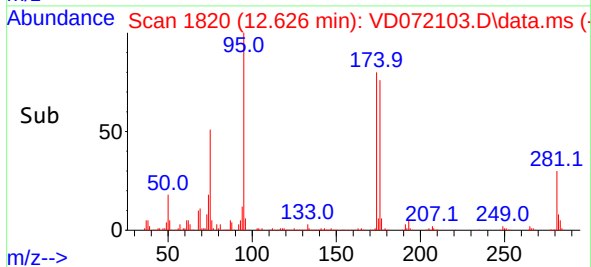
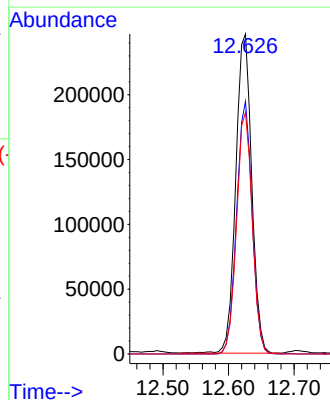
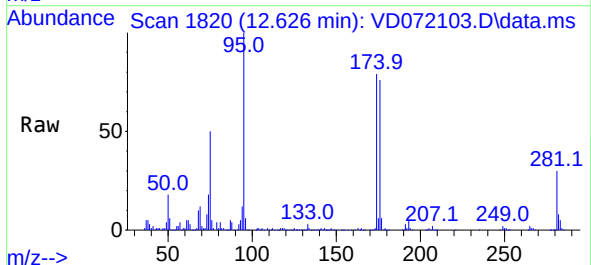
Instrument :
MSVOA_D
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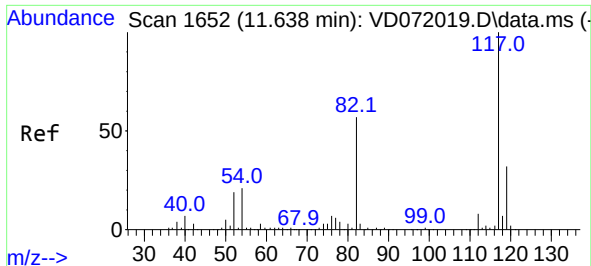
Tgt Ion: 92 Resp: 21722
Ion Ratio Lower Upper
92 100
91 162.6 135.6 203.4



#62
4-Bromofluorobenzene
Concen: 61.597 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072103.D
Acq: 25 Feb 2022 16:33

Tgt Ion: 95 Resp: 417142
Ion Ratio Lower Upper
95 100
174 77.0 0.0 155.0
176 74.1 0.0 148.8

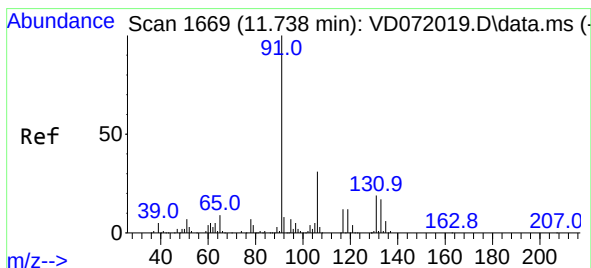
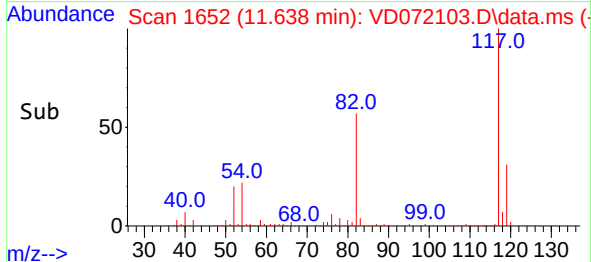
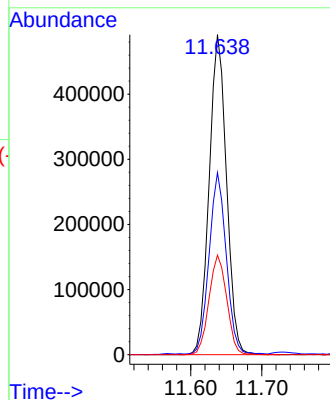
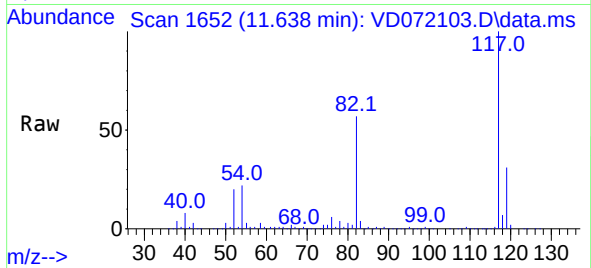




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072103.D
Acq: 25 Feb 2022 16:33

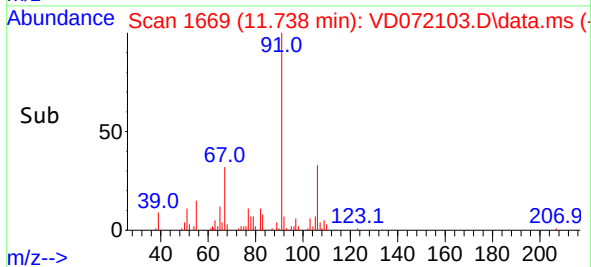
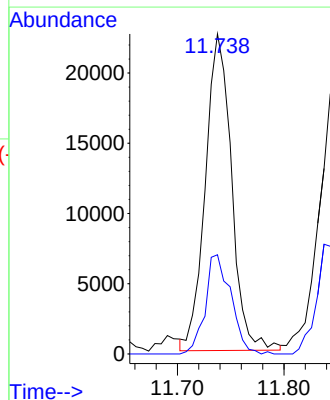
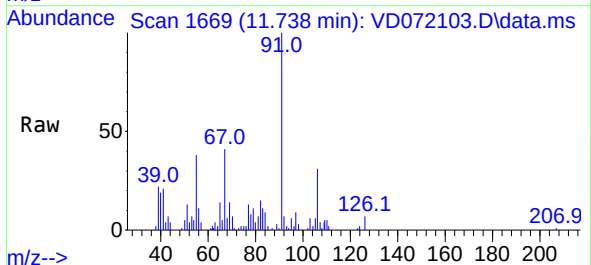
Instrument :
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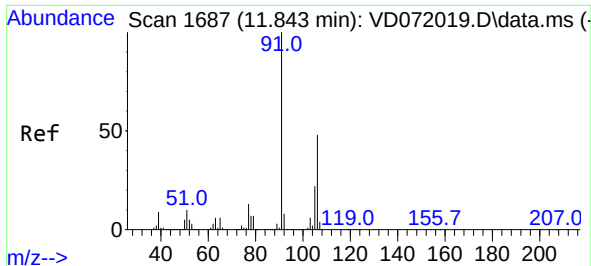
Tgt Ion:117 Resp: 832619
Ion Ratio Lower Upper
117 100
82 56.6 45.4 68.0
119 31.1 25.4 38.2



#67
Ethyl Benzene
Concen: 1.358 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072103.D
Acq: 25 Feb 2022 16:33

Tgt Ion: 91 Resp: 38547
Ion Ratio Lower Upper
91 100
106 31.9 24.6 36.8

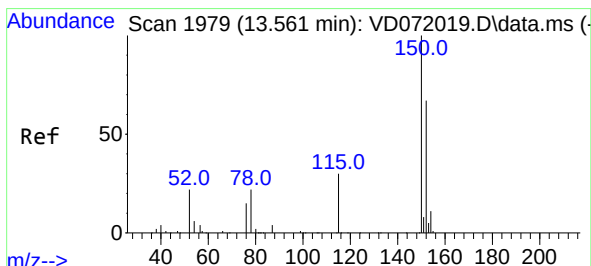
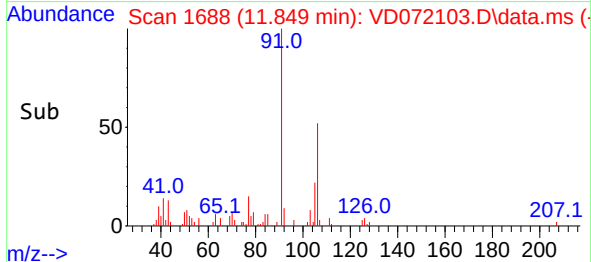
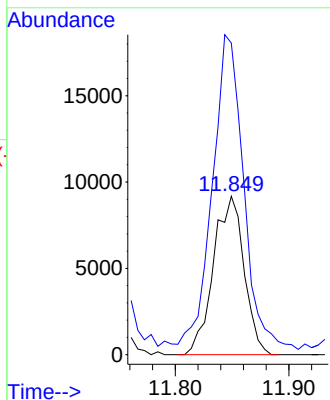
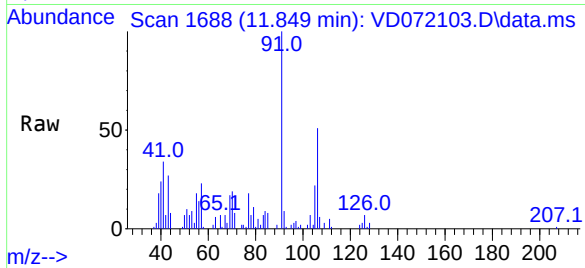




#68
m/p-Xylenes
Concen: 1.581 ug/l
RT: 11.849 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD072103.D
Acq: 25 Feb 2022 16:33

Instrument :
MSVOA_D
ClientSampleId :
UNK-MID

Tgt Ion:106 Resp: 17169
Ion Ratio Lower Upper
106 100
91 206.2 162.6 243.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD072103.D
Acq: 25 Feb 2022 16:33

Tgt Ion:152 Resp: 412848
Ion Ratio Lower Upper
152 100
115 60.1 29.9 89.7
150 158.8 0.0 347.6

