

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040622\
 Data File : VD072548.D
 Acq On : 06 Apr 2022 13:43
 Operator : VA/SY
 Sample : N2254-12
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14A-1A-4-GR-5

Quant Time: Apr 07 01:11:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

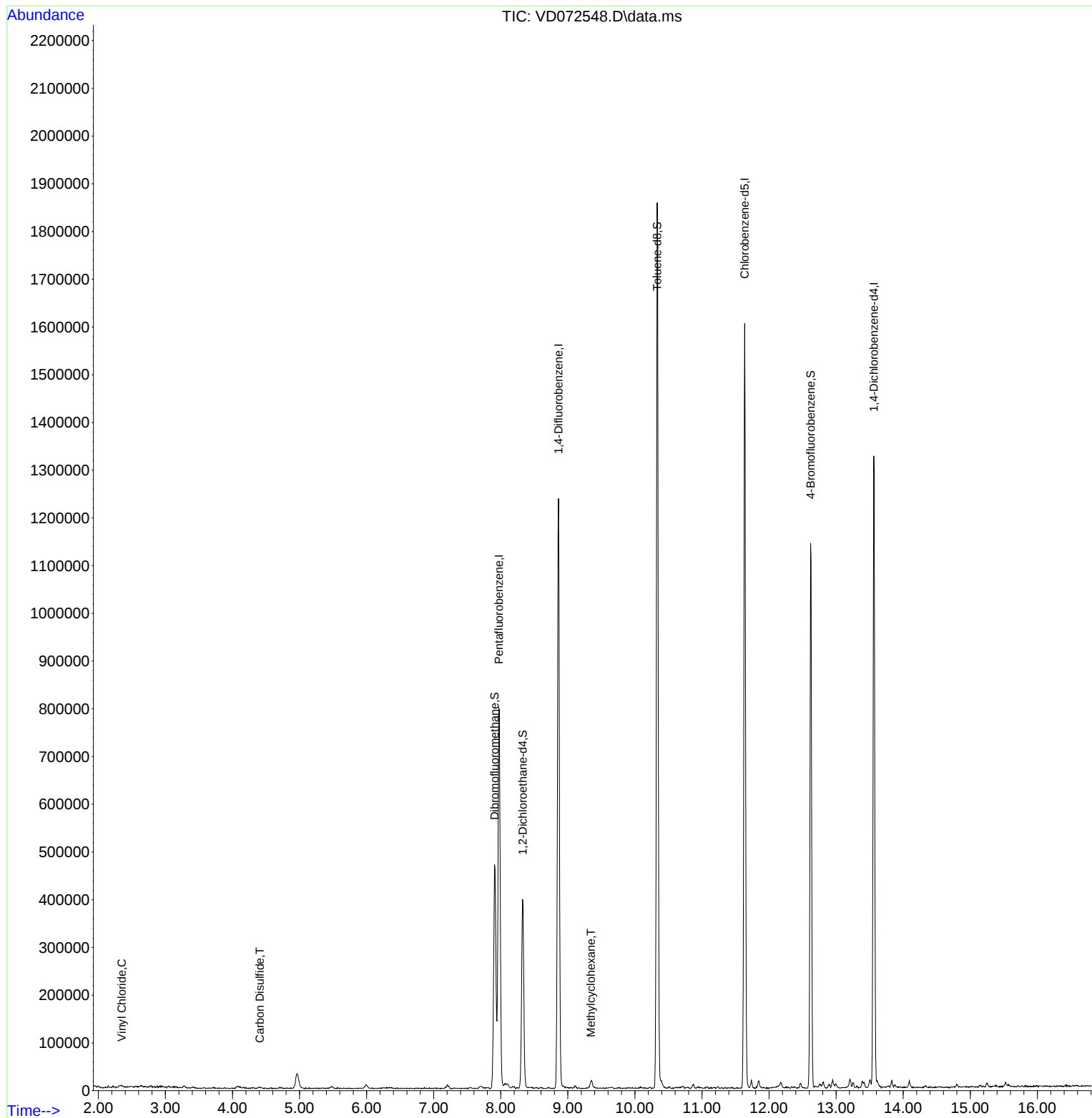
Internal Standards						
1) Pentafluorobenzene	7.973	168	582145	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1060669	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	919265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	358261	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	314852	44.709	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.420%		
35) Dibromofluoromethane	7.908	113	339279	41.160	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	82.320%		
50) Toluene-d8	10.332	98	1261742	44.036	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	88.080%		
62) 4-Bromofluorobenzene	12.620	95	391575	34.993	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	69.980%		
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.350	62	1599	1.270	ug/l #	82
17) Carbon Disulfide	4.409	76	5026	4.038	ug/l #	92
39) Methylcyclohexane	9.344	83	7032	3.417	ug/l #	72

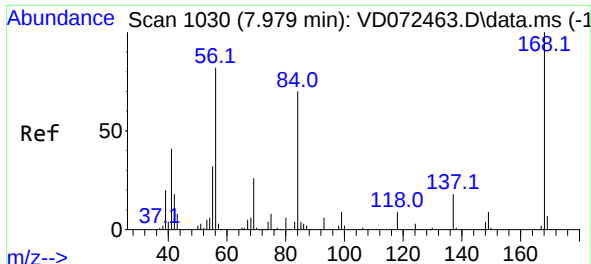
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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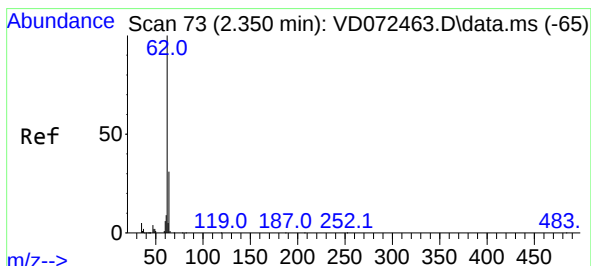
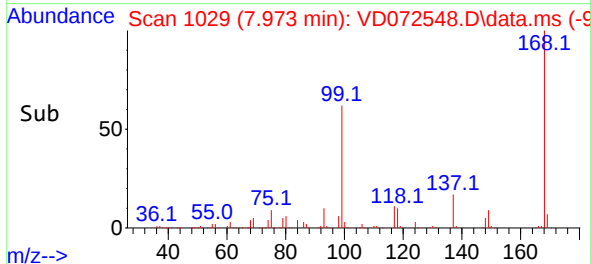
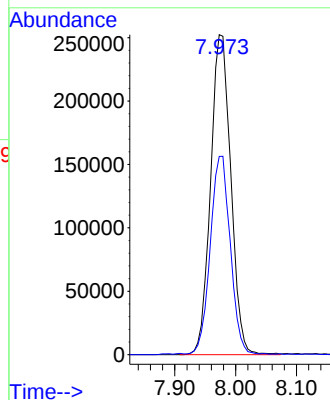
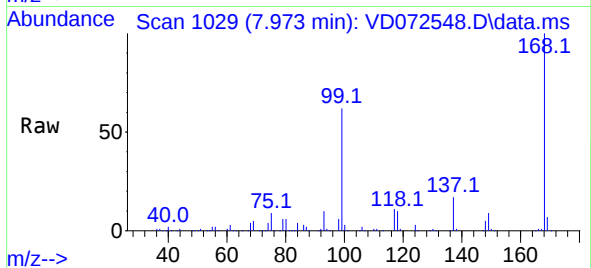




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072548.D
Acq: 06 Apr 2022 13:43

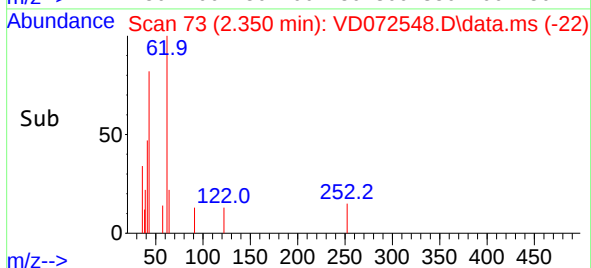
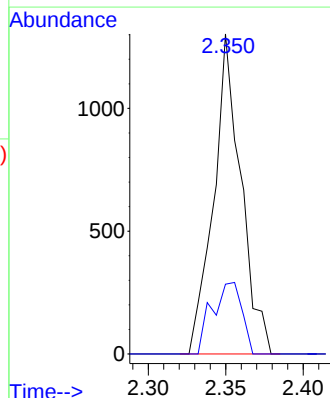
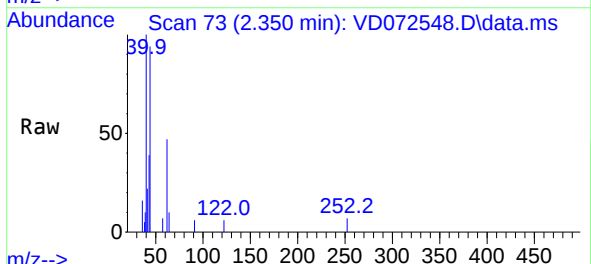
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-GR-5

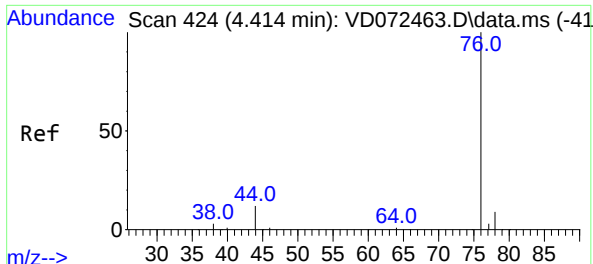
Tgt Ion:168 Resp: 582145
Ion Ratio Lower Upper
168 100
99 61.6 49.8 74.6



#4
Vinyl Chloride
Concen: 1.270 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD072548.D
Acq: 06 Apr 2022 13:43

Tgt Ion: 62 Resp: 1599
Ion Ratio Lower Upper
62 100
64 21.8 25.4 38.0#

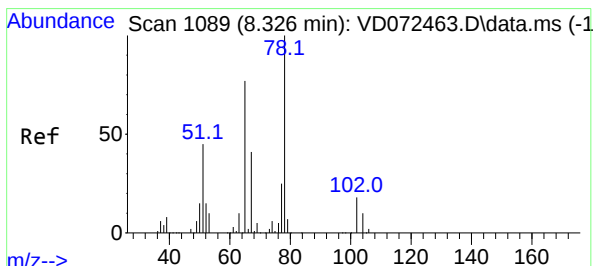
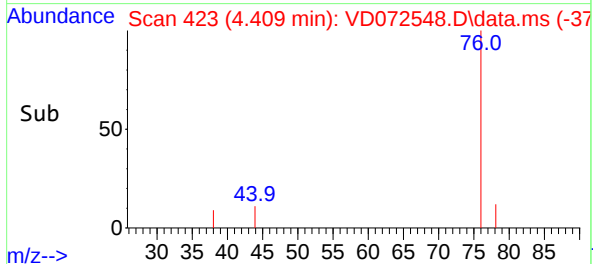
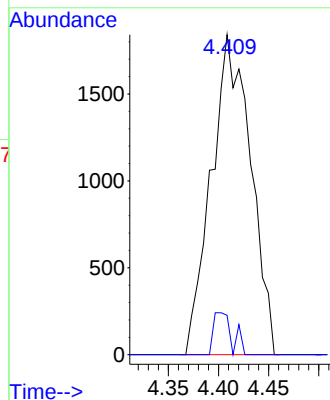
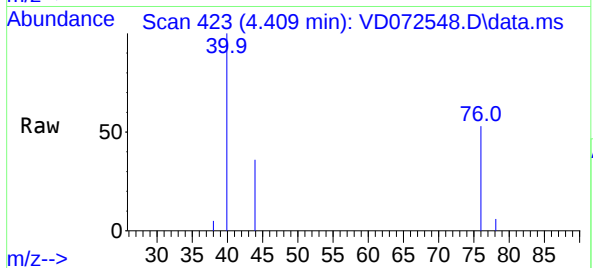




#17
Carbon Disulfide
Concen: 4.038 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD072548.D
Acq: 06 Apr 2022 13:43

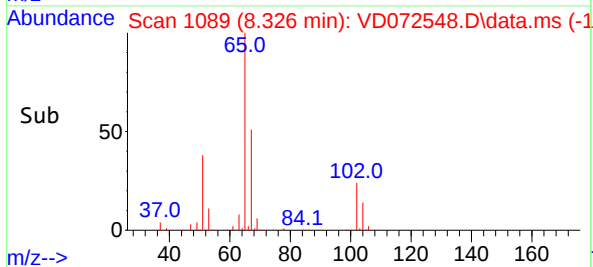
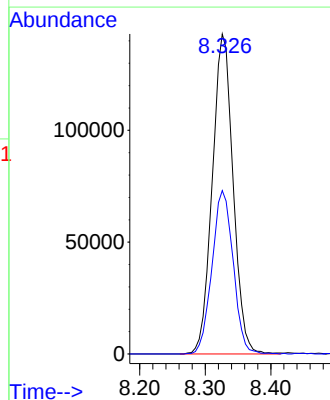
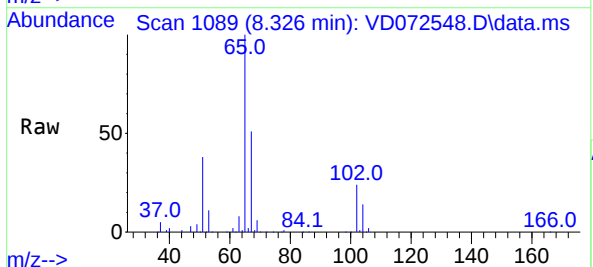
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-GR-5

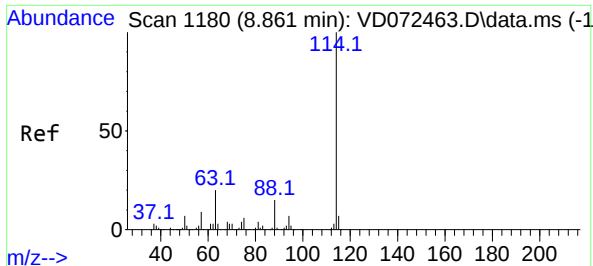
Tgt Ion: 76 Resp: 5026
Ion Ratio Lower Upper
76 100
78 12.3 7.5 11.3#



#33
1,2-Dichloroethane-d4
Concen: 44.709 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072548.D
Acq: 06 Apr 2022 13:43

Tgt Ion: 65 Resp: 314852
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: VD072548.D

Acq: 06 Apr 2022 13:43

Instrument :

MSVOA_D

ClientSampleId :

WC-14A-1A-4-GR-5

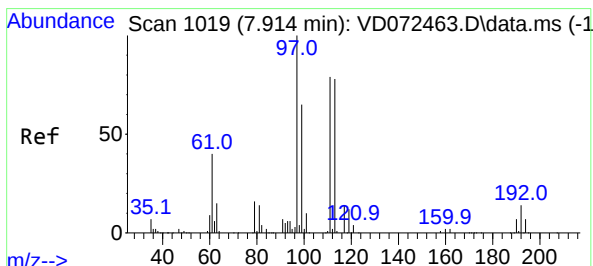
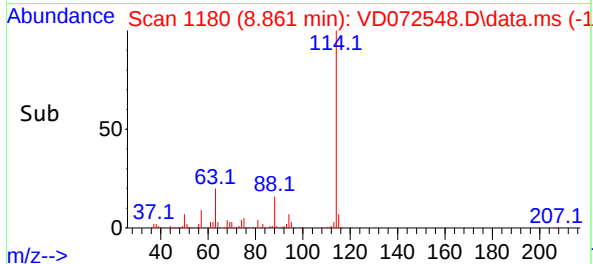
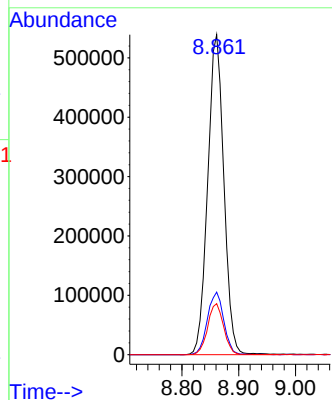
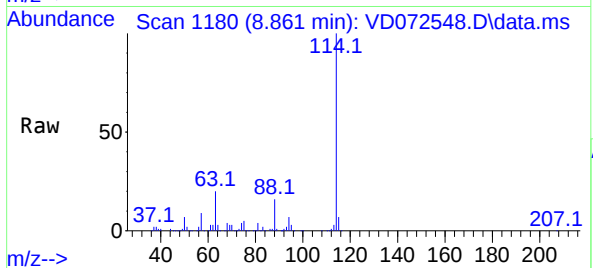
Tgt Ion:114 Resp: 1060669

Ion Ratio Lower Upper

114 100

63 19.5 0.0 46.6

88 16.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 41.160 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD072548.D

Acq: 06 Apr 2022 13:43

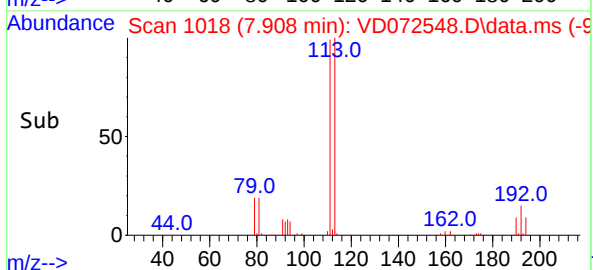
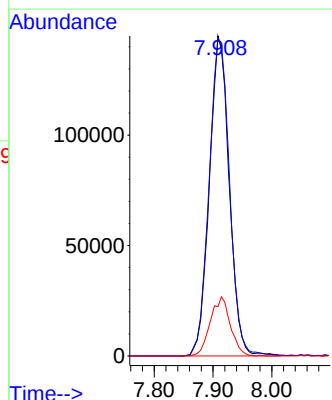
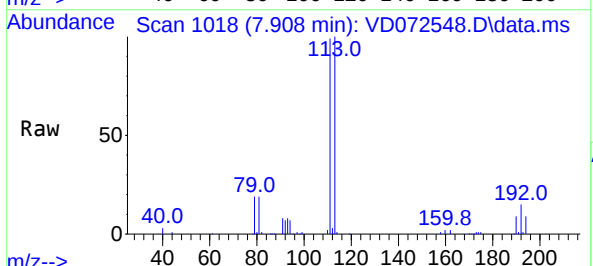
Tgt Ion:113 Resp: 339279

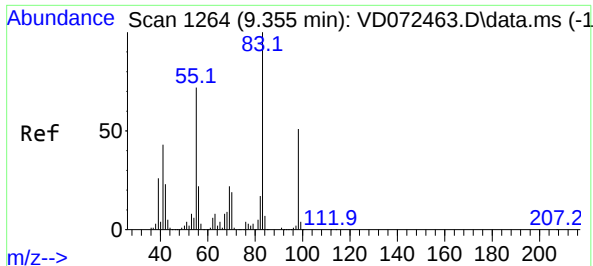
Ion Ratio Lower Upper

113 100

111 102.9 83.8 125.6

192 18.6 14.6 21.8

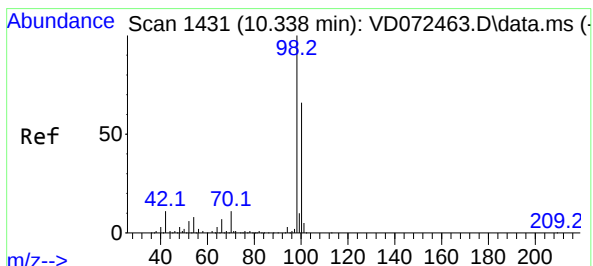
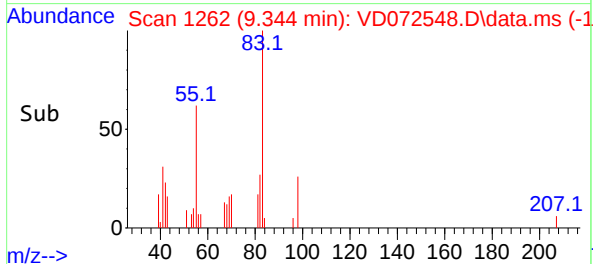
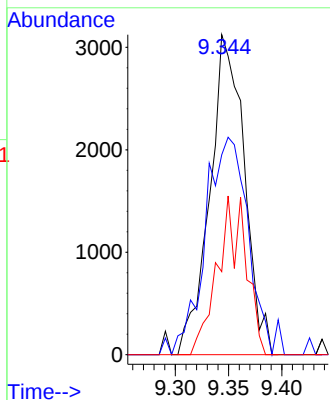
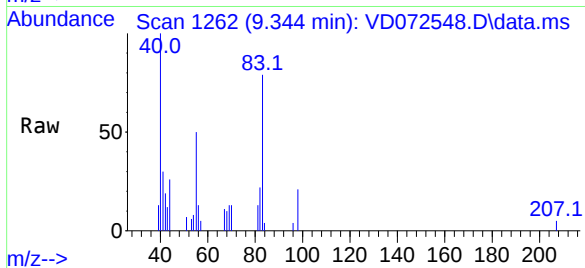




#39
Methylcyclohexane
Concen: 3.417 ug/l
RT: 9.344 min Scan# 11
Delta R.T. -0.011 min
Lab File: VD072548.D
Acq: 06 Apr 2022 13:43

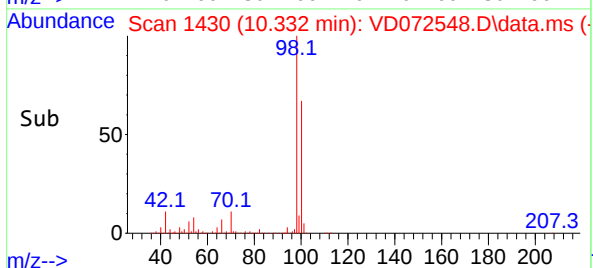
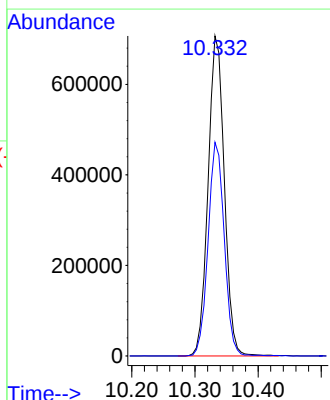
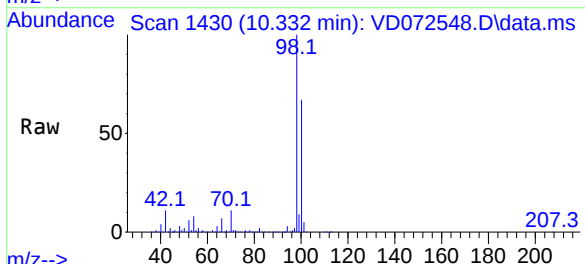
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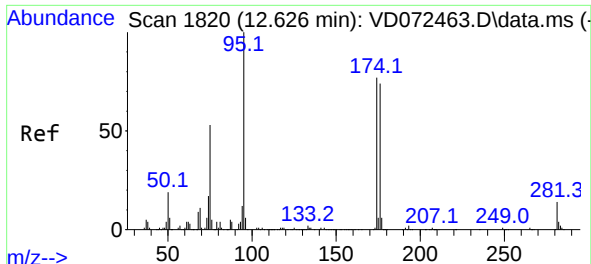
Tgt Ion: 83 Resp: 7032
Ion Ratio Lower Upper
83 100
55 56.6 63.2 94.8#
98 26.0 38.2 57.4#



#50
Toluene-d8
Concen: 44.036 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072548.D
Acq: 06 Apr 2022 13:43

Tgt Ion: 98 Resp: 1261742
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6

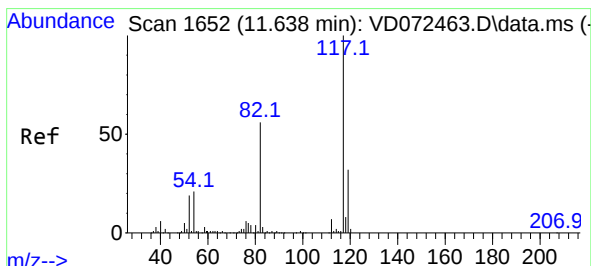
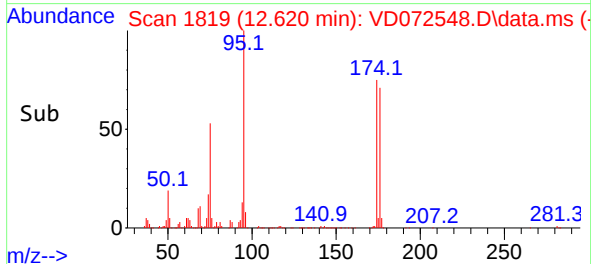
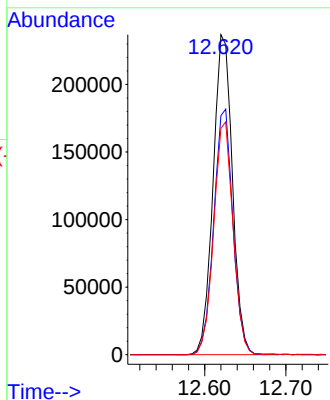
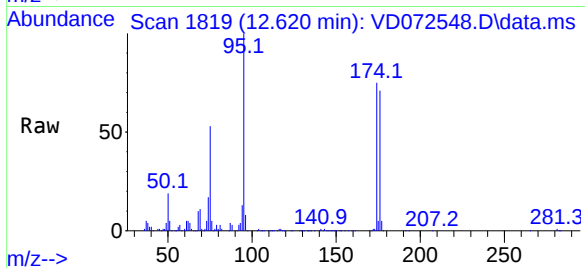




#62
4-Bromofluorobenzene
Concen: 34.993 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072548.D
Acq: 06 Apr 2022 13:43

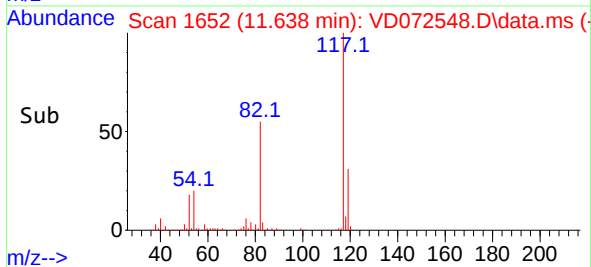
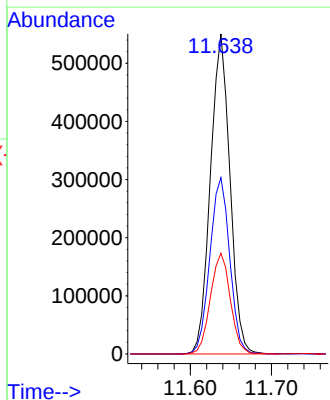
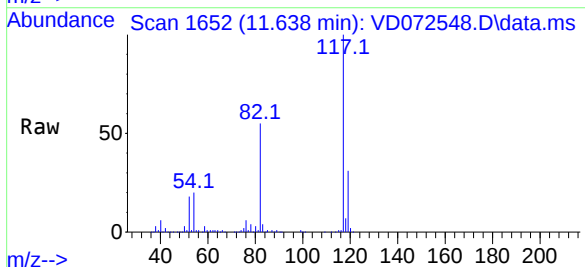
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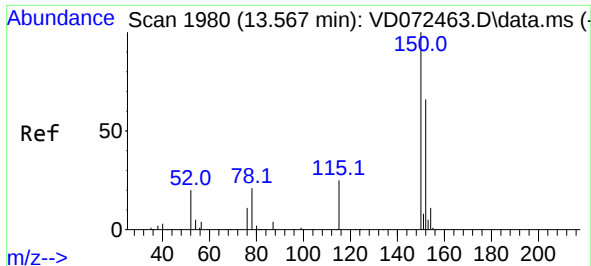
Tgt Ion: 95 Resp: 391575
Ion Ratio Lower Upper
95 100
174 76.3 0.0 152.8
176 72.8 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072548.D
Acq: 06 Apr 2022 13:43

Tgt Ion: 117 Resp: 919265
Ion Ratio Lower Upper
117 100
82 55.1 45.3 67.9
119 31.4 26.6 40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 19

Delta R.T. -0.006 min

Lab File: VD072548.D

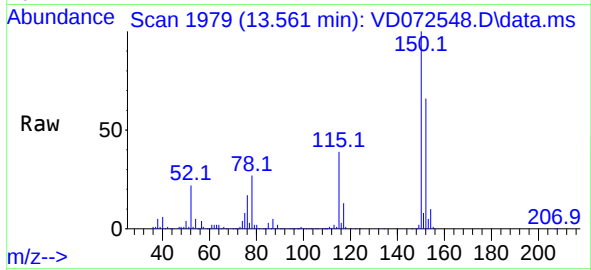
Acq: 06 Apr 2022 13:43

Instrument :

MSVOA_D

ClientSampleId :

WC-14A-1A-4-GR-5



Tgt Ion:152 Resp: 358261

Ion Ratio Lower Upper

152 100

115 60.5 31.3 93.8

150 156.1 0.0 348.6

