

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052322\
 Data File : VD073291.D
 Acq On : 23 May 2022 19:11
 Operator : VA/SY
 Sample : N2885-17
 Misc : 5.16G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P014-SS002-0006-01

Quant Time: May 24 03:28:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

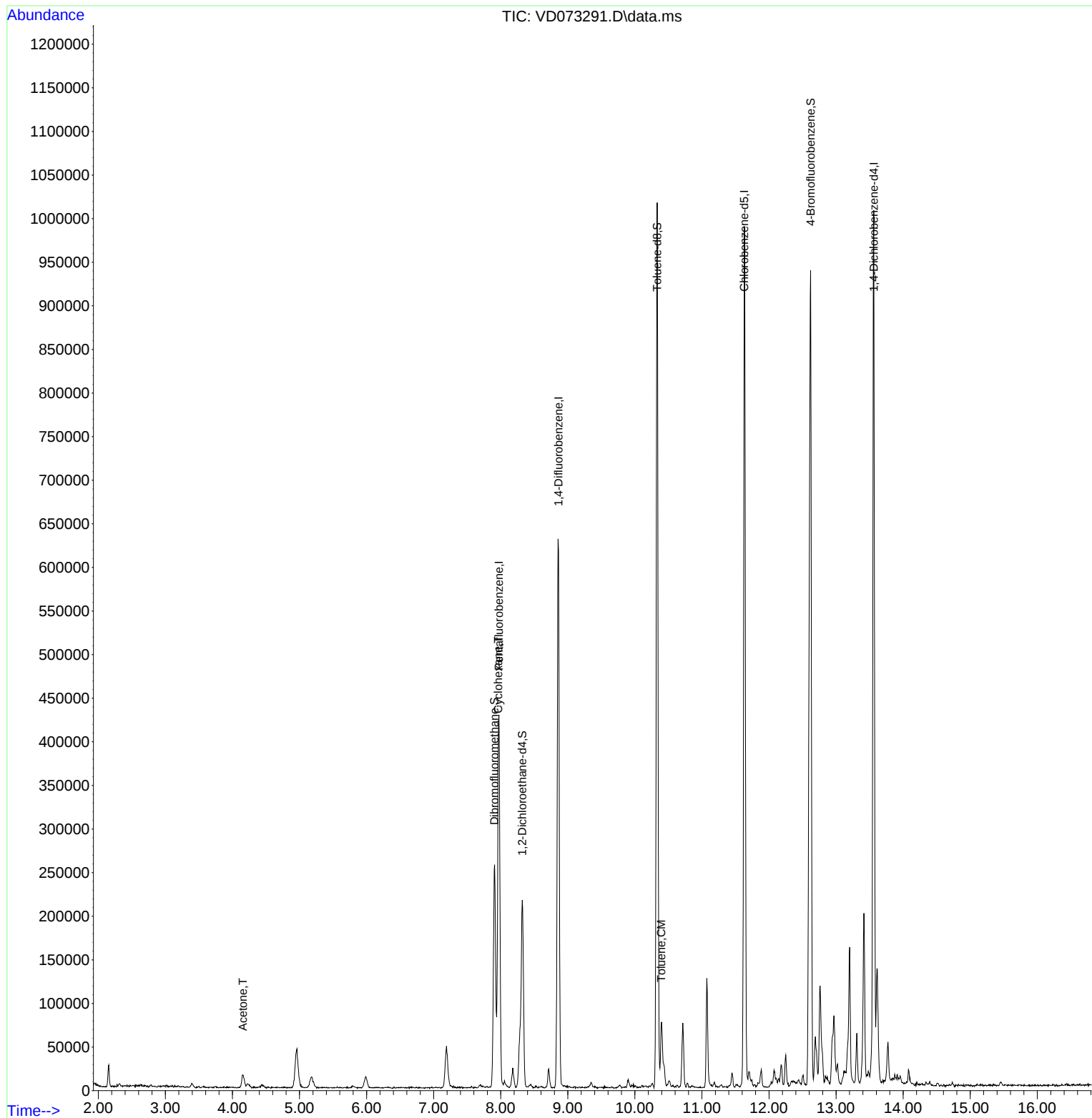
Internal Standards						
1) Pentafluorobenzene	7.973	168	312118	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	555272	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	575462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	265255	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	167264	48.492	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.980%
35) Dibromofluoromethane	7.903	113	185603	50.655	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.320%
50) Toluene-d8	10.332	98	678153	50.209	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.420%
62) 4-Bromofluorobenzene	12.620	95	280827	59.246	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	118.500%
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	25903	43.355	ug/l	92
31) Cyclohexane	7.961	56	10406	1.726	ug/l #	1
52) Toluene	10.391	92	26433	2.634	ug/l	95

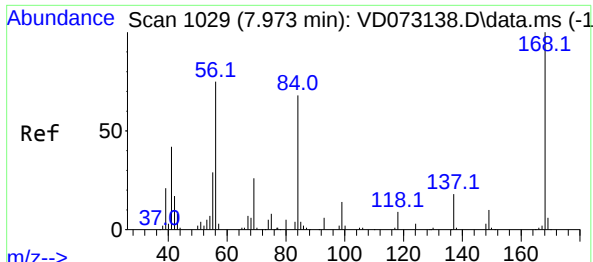
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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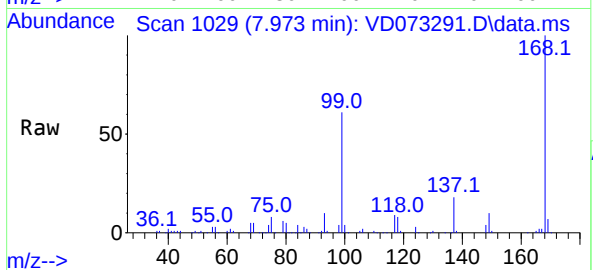
Quant Time: May 24 03:28:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
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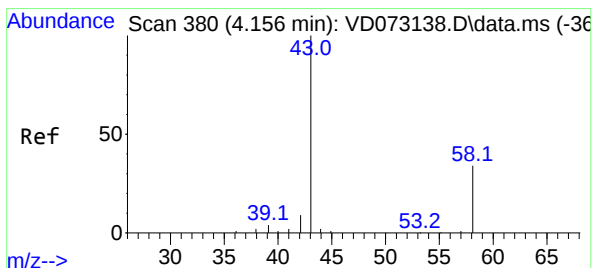
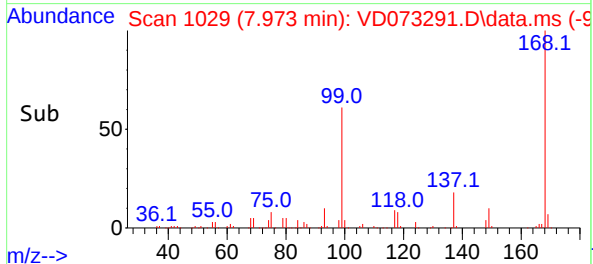
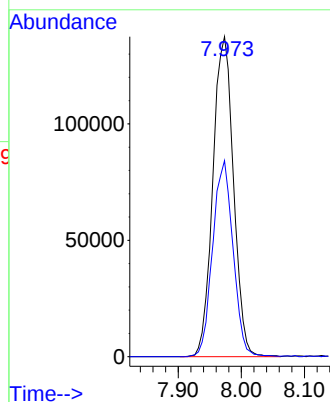


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073291.D
Acq: 23 May 2022 19:11

Instrument :
MSVOA_D
ClientSampleId :
P014-SS002-0006-01

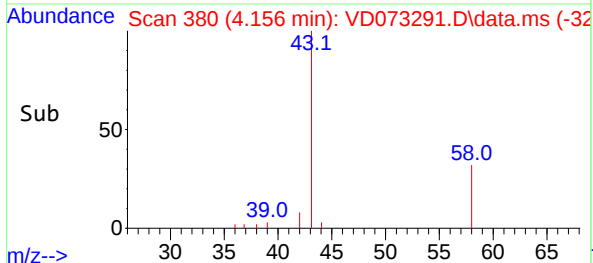
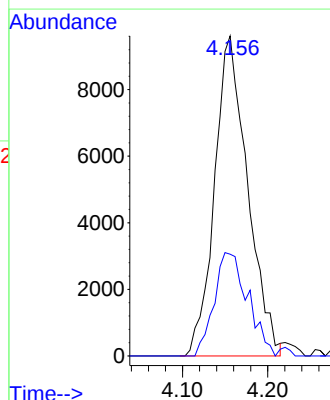
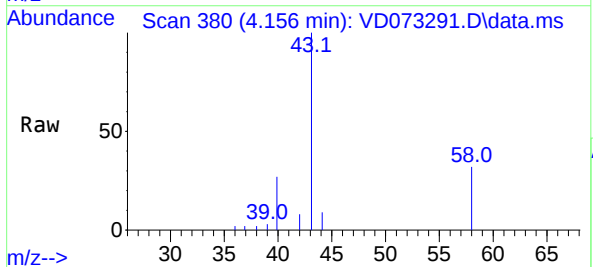


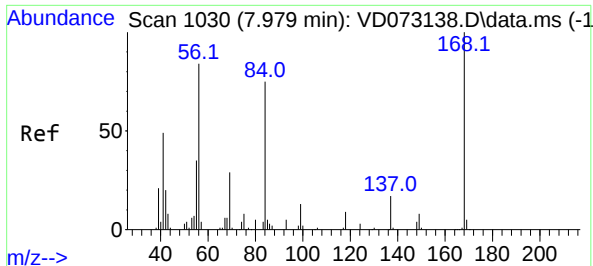
Tgt Ion:168 Resp: 312118
Ion Ratio Lower Upper
168 100
99 61.3 49.8 74.6



#16
Acetone
Concen: 43.355 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073291.D
Acq: 23 May 2022 19:11

Tgt Ion: 43 Resp: 25903
Ion Ratio Lower Upper
43 100
58 31.8 22.1 33.1





#31

Cyclohexane

Concen: 1.726 ug/l

RT: 7.961 min Scan# 1027

Delta R.T. -0.018 min

Lab File: VD073291.D

Acq: 23 May 2022 19:11

Instrument :

MSVOA_D

ClientSampleId :

P014-SS002-0006-01

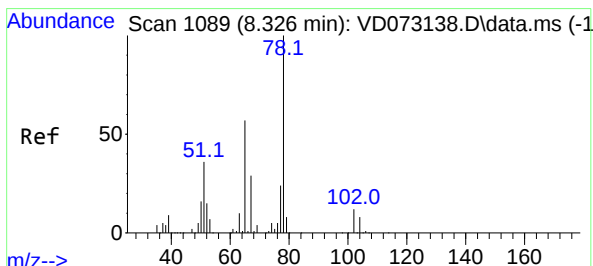
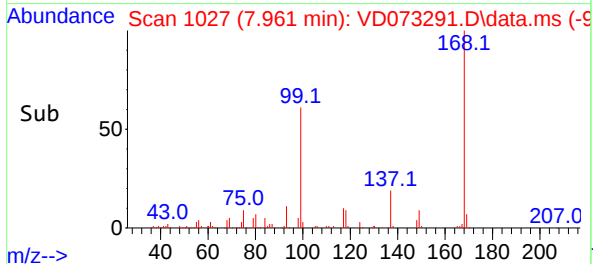
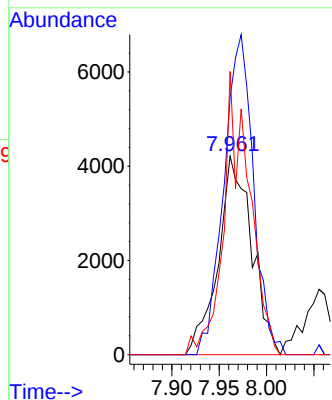
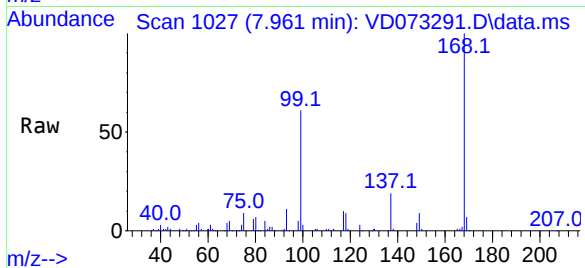
Tgt Ion: 56 Resp: 10406

Ion Ratio Lower Upper

56 100

69 129.5 25.4 38.2#

84 142.6 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 48.492 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD073291.D

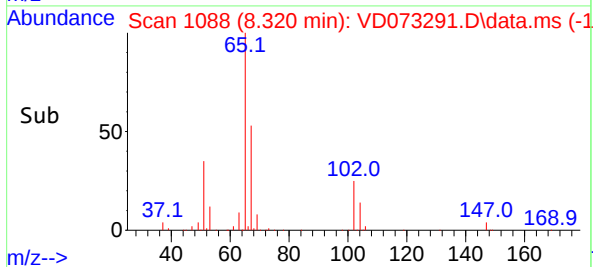
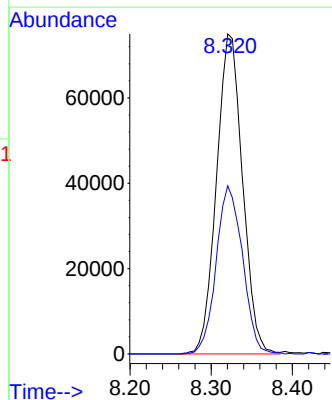
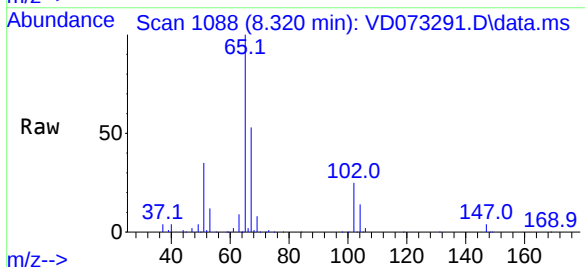
Acq: 23 May 2022 19:11

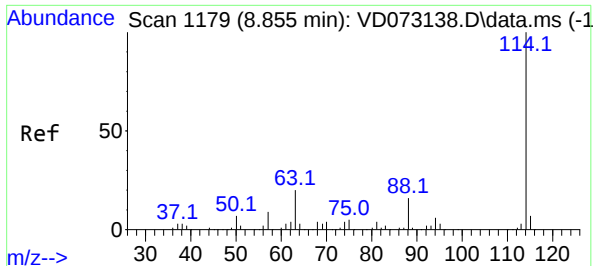
Tgt Ion: 65 Resp: 167264

Ion Ratio Lower Upper

65 100

67 53.2 0.0 101.4

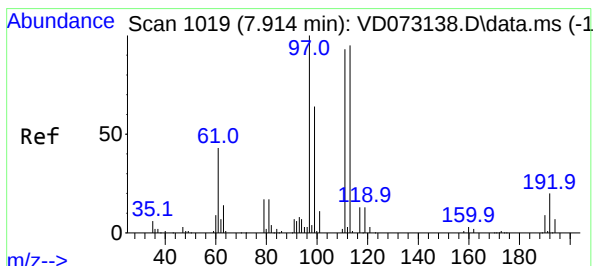
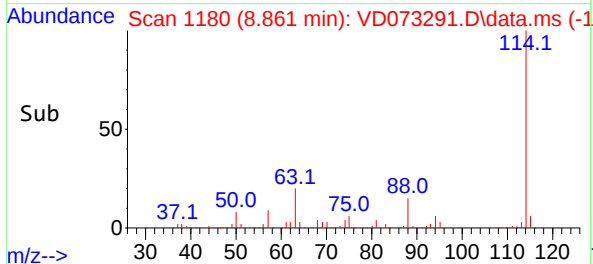
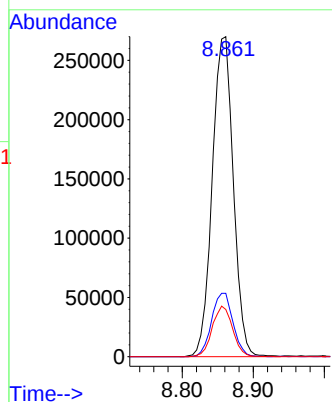
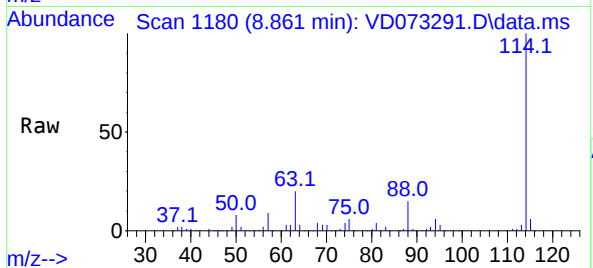




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VD073291.D
Acq: 23 May 2022 19:11

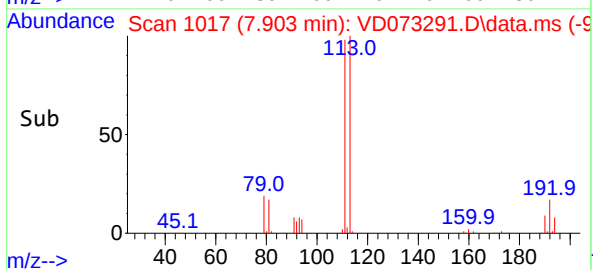
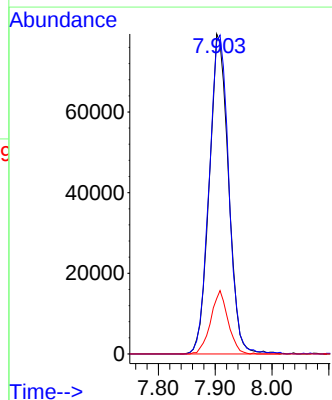
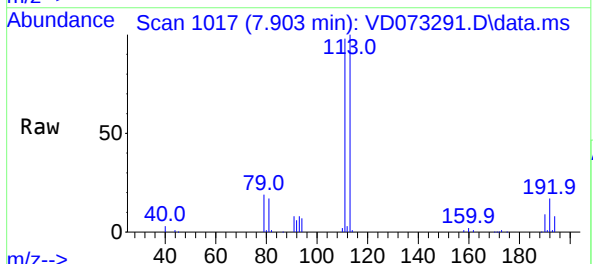
Instrument :
MSVOA_D
ClientSampleId :
P014-SS002-0006-01

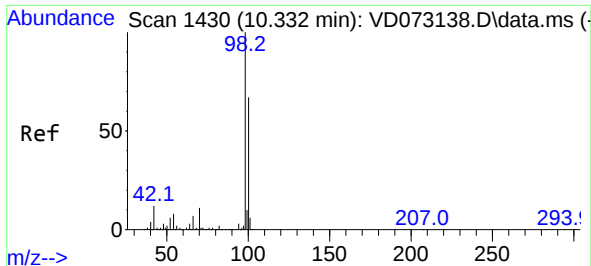
Tgt Ion:114 Resp: 555272
Ion Ratio Lower Upper
114 100
63 19.8 0.0 46.6
88 14.8 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.655 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.011 min
Lab File: VD073291.D
Acq: 23 May 2022 19:11

Tgt Ion:113 Resp: 185603
Ion Ratio Lower Upper
113 100
111 101.8 83.8 125.6
192 17.9 14.6 21.8

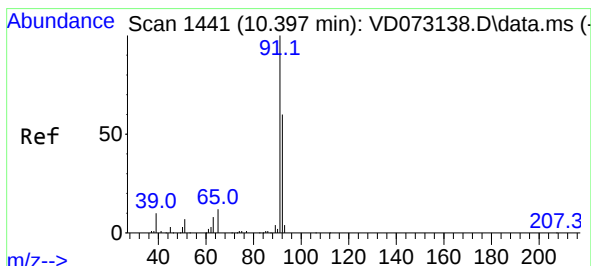
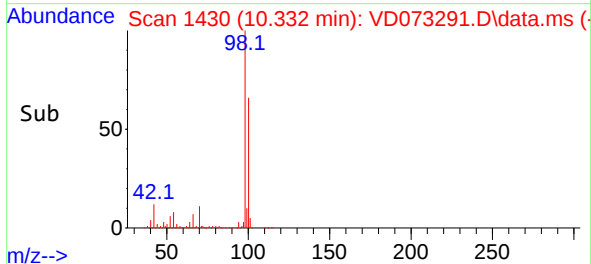
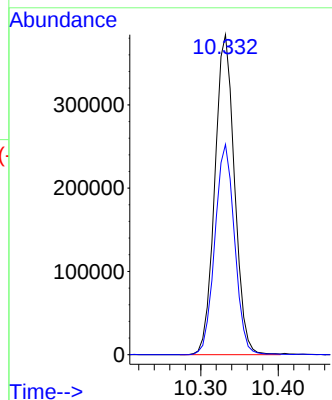
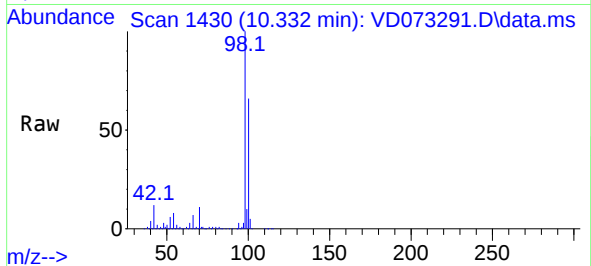




#50
Toluene-d8
Concen: 50.209 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073291.D
Acq: 23 May 2022 19:11

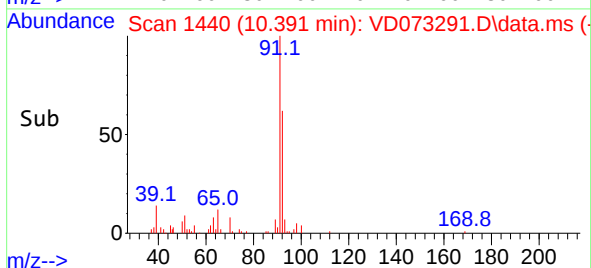
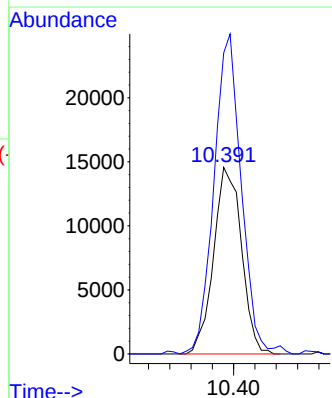
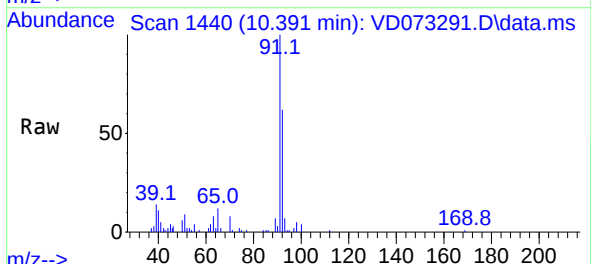
Instrument :
MSVOA_D
ClientSampleId :
P014-SS002-0006-01

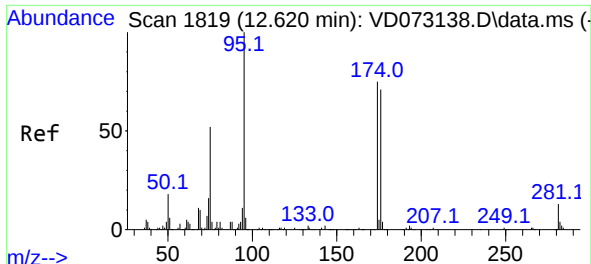
Tgt Ion: 98 Resp: 678153
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#52
Toluene
Concen: 2.634 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VD073291.D
Acq: 23 May 2022 19:11

Tgt Ion: 92 Resp: 26433
Ion Ratio Lower Upper
92 100
91 168.0 139.6 209.4

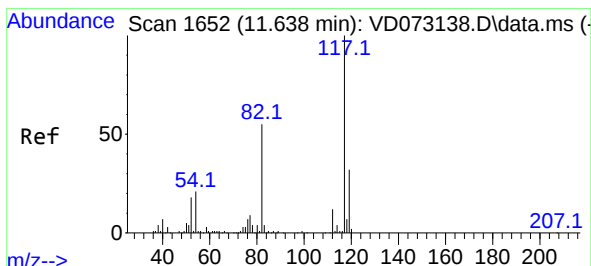
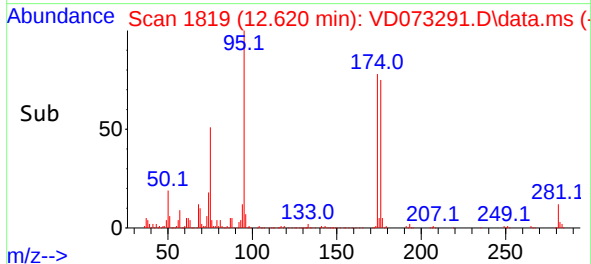
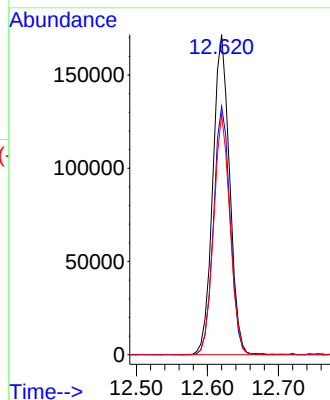
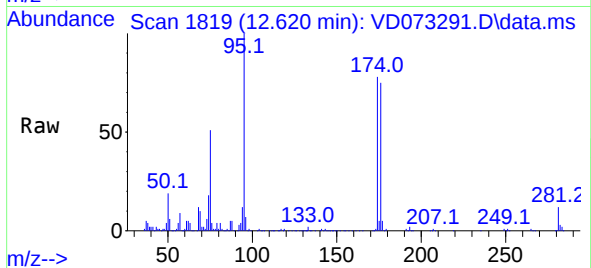




#62
4-Bromofluorobenzene
Concen: 59.246 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073291.D
Acq: 23 May 2022 19:11

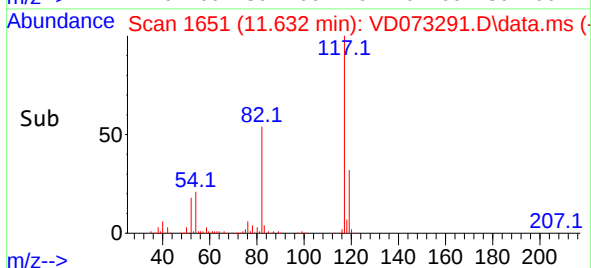
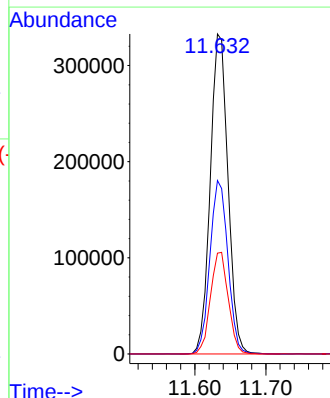
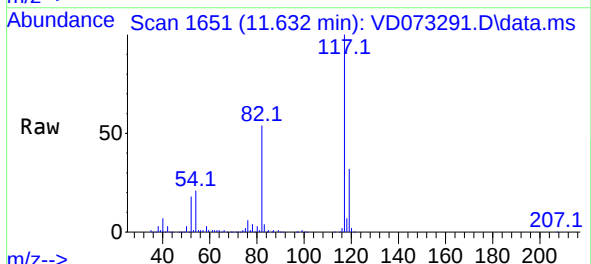
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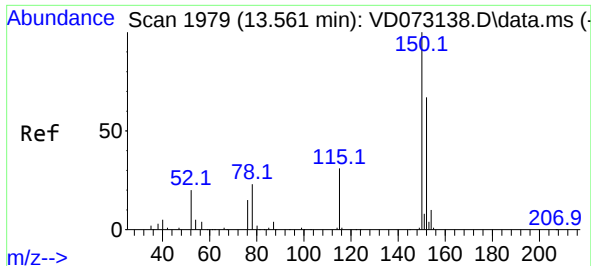
Tgt Ion: 95 Resp: 280827
Ion Ratio Lower Upper
95 100
174 76.6 0.0 152.8
176 73.1 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073291.D
Acq: 23 May 2022 19:11

Tgt Ion: 117 Resp: 575462
Ion Ratio Lower Upper
117 100
82 54.2 45.3 67.9
119 31.5 26.6 40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VD073291.D

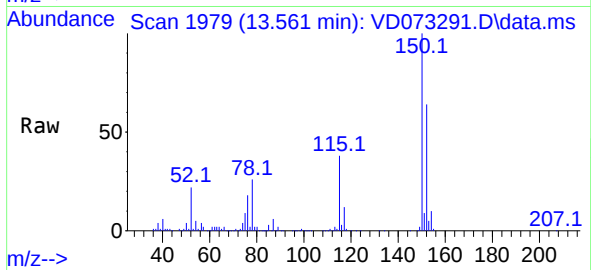
Acq: 23 May 2022 19:11

Instrument :

MSVOA_D

ClientSampleId :

P014-SS002-0006-01



Tgt Ion:152 Resp: 265255

Ion Ratio Lower Upper

152 100

115 59.9 31.3 93.8

150 156.6 0.0 348.6

