

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052322\
 Data File : VD073290.D
 Acq On : 23 May 2022 18:42
 Operator : VA/SY
 Sample : N2964-01
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-051922

Quant Time: May 24 03:28:35 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)

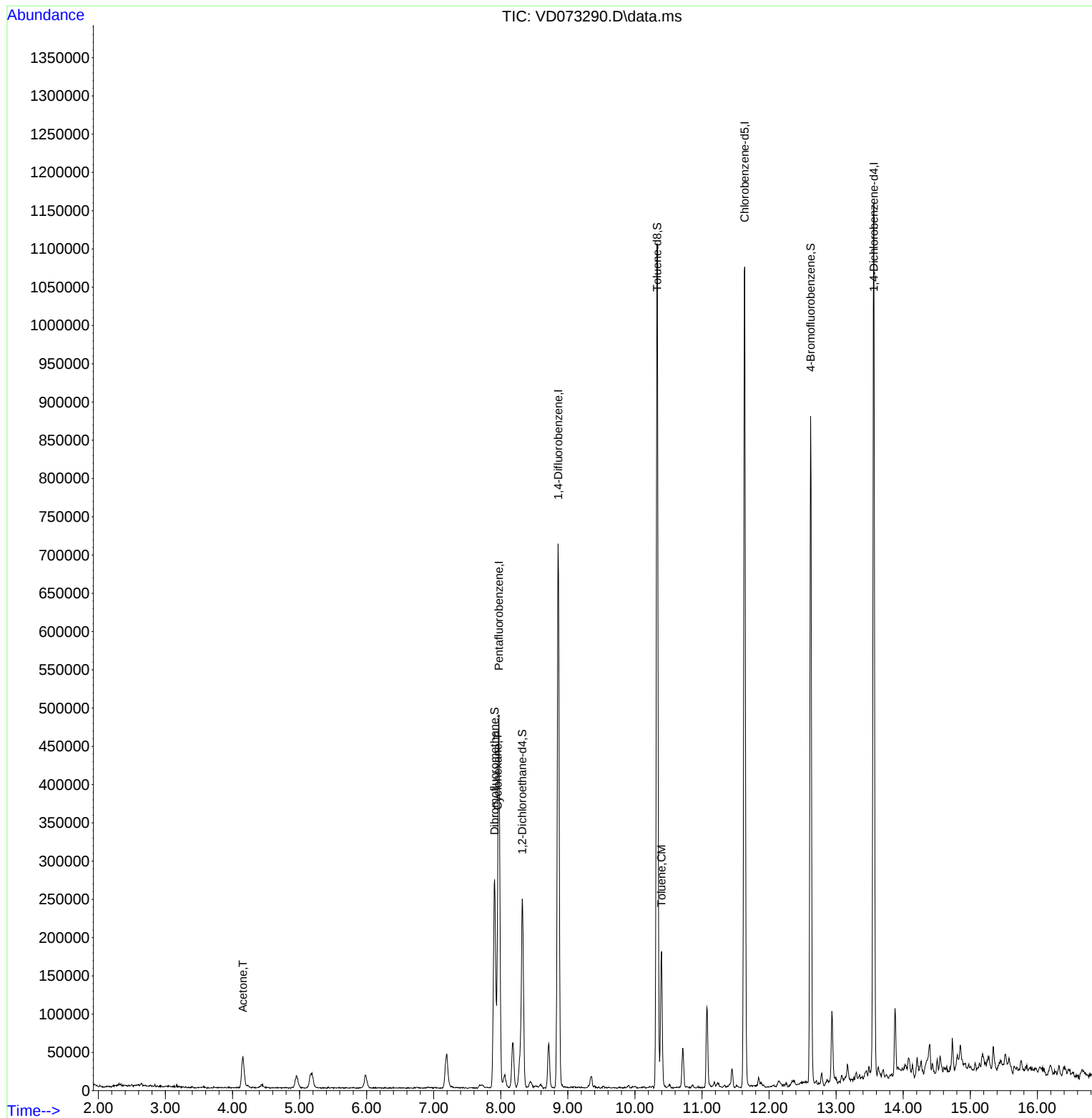
Internal Standards						
1) Pentafluorobenzene	7.973	168	341018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	620502	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	630509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	300989	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	188207	49.939	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.880%
35) Dibromofluoromethane	7.908	113	199660	48.763	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.520%
50) Toluene-d8	10.331	98	729135	48.309	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.620%
62) 4-Bromofluorobenzene	12.620	95	288075	54.386	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.780%
Target Compounds						
					Qvalue	
16) Acetone	4.155	43	71758	109.926	ug/l #	89
31) Cyclohexane	7.955	56	17915	2.720	ug/l #	66
52) Toluene	10.396	92	76028	6.779	ug/l	97

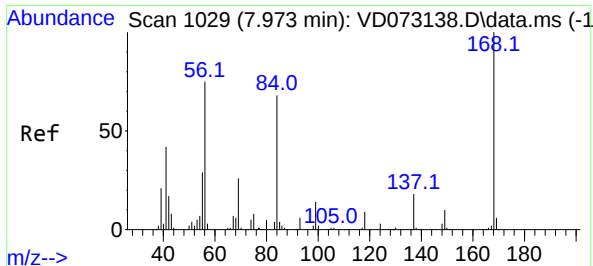
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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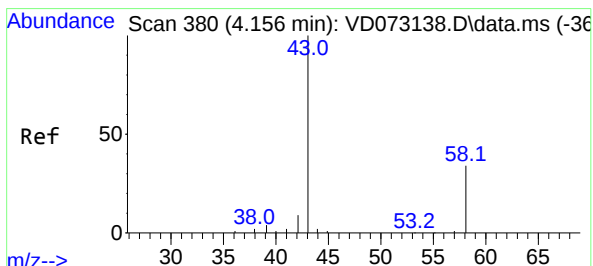
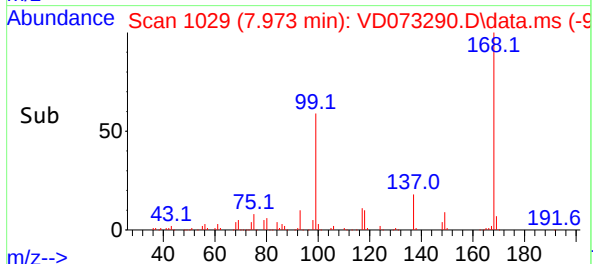
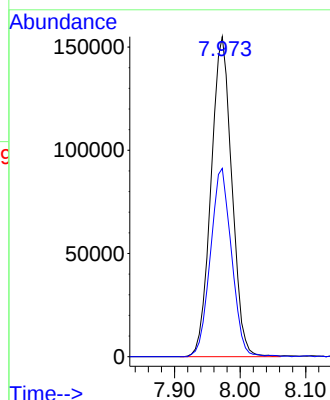
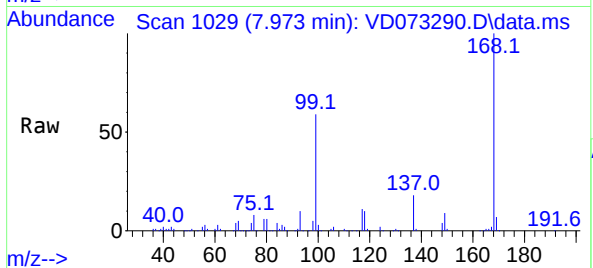




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD073290.D
Acq: 23 May 2022 18:42

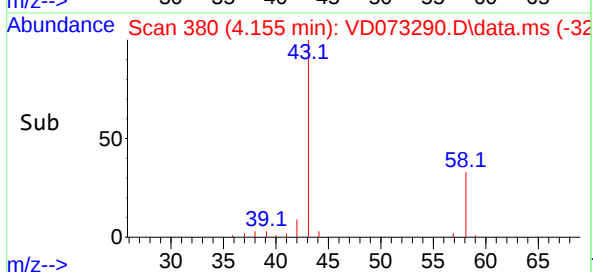
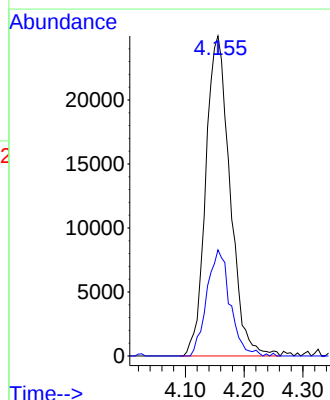
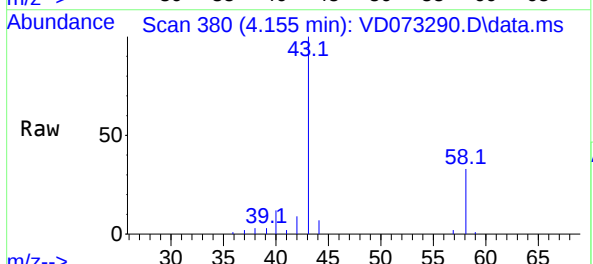
Instrument :
MSVOA_D
ClientSampleId :
EO-01-051922

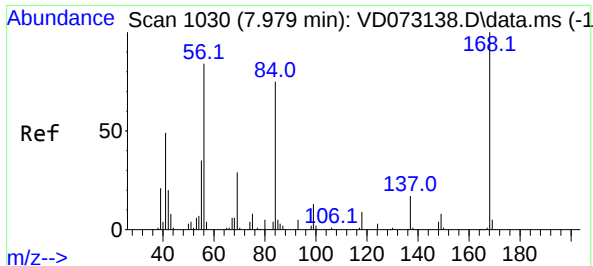
Tgt Ion:168 Resp: 341018
Ion Ratio Lower Upper
168 100
99 58.9 49.8 74.6



#16
Acetone
Concen: 109.926 ug/l
RT: 4.155 min Scan# 380
Delta R.T. -0.001 min
Lab File: VD073290.D
Acq: 23 May 2022 18:42

Tgt Ion: 43 Resp: 71758
Ion Ratio Lower Upper
43 100
58 33.2 22.1 33.1#

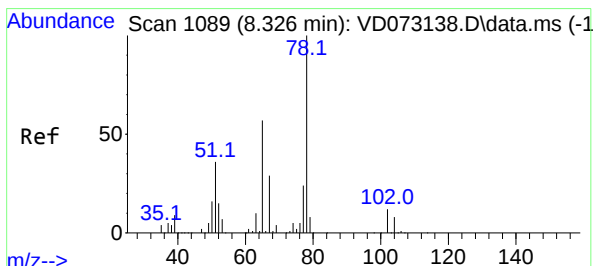
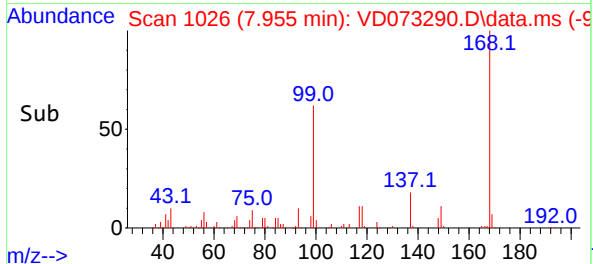
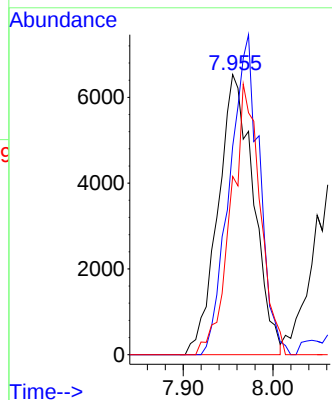
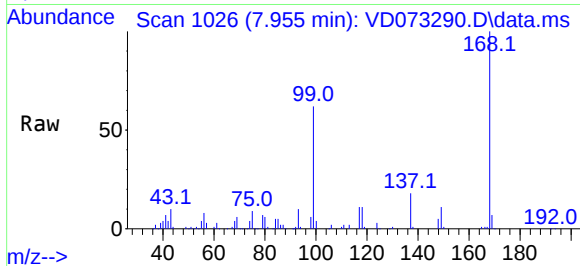




#31
Cyclohexane
Concen: 2.720 ug/l
RT: 7.955 min Scan# 1026
Delta R.T. -0.024 min
Lab File: VD073290.D
Acq: 23 May 2022 18:42

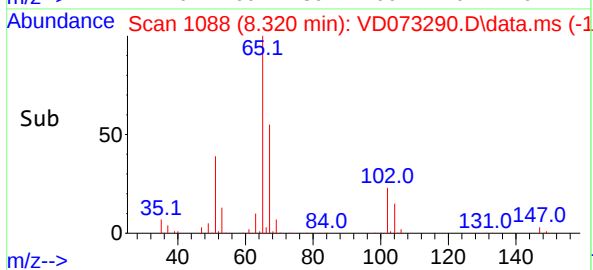
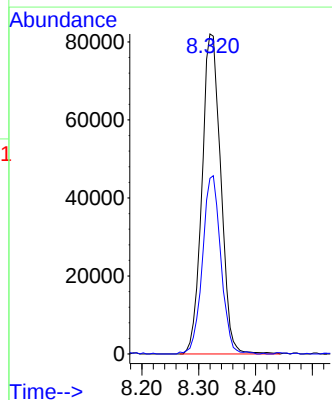
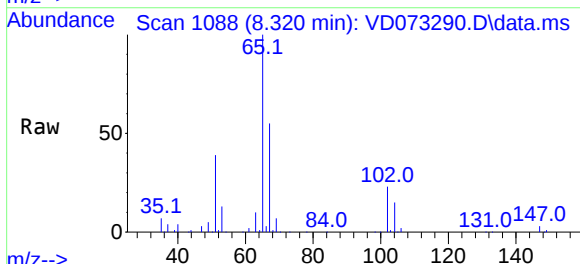
Instrument :
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ClientSampleId :
EO-01-051922

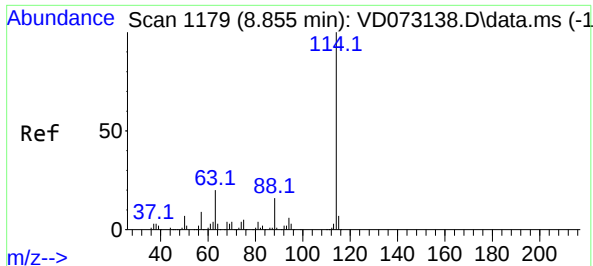
Tgt Ion: 56 Resp: 17915
Ion Ratio Lower Upper
56 100
69 74.3 25.4 38.2#
84 63.6 63.0 94.4



#33
1,2-Dichloroethane-d4
Concen: 49.939 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073290.D
Acq: 23 May 2022 18:42

Tgt Ion: 65 Resp: 188207
Ion Ratio Lower Upper
65 100
67 54.5 0.0 101.4

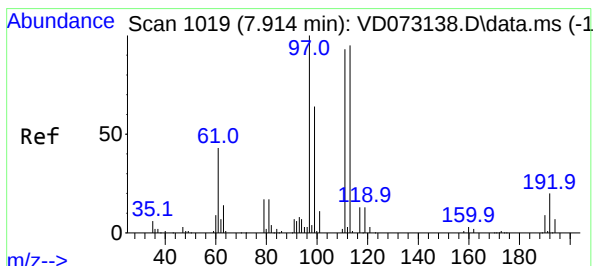
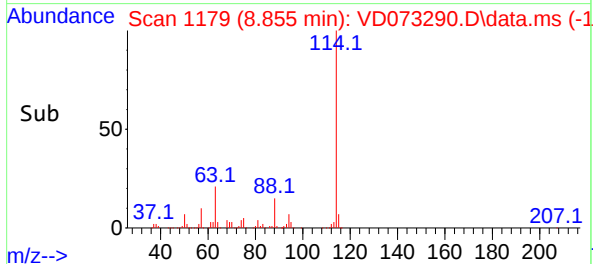
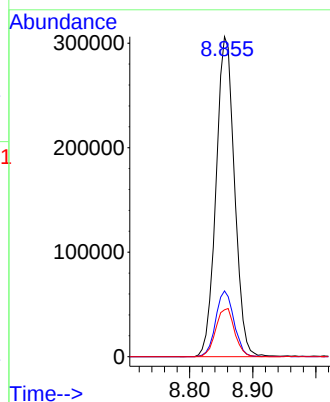
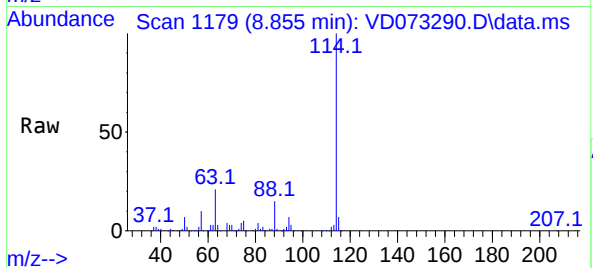




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073290.D
Acq: 23 May 2022 18:42

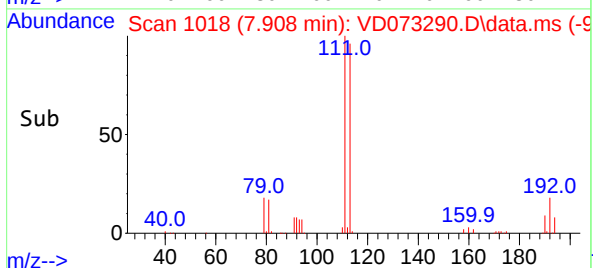
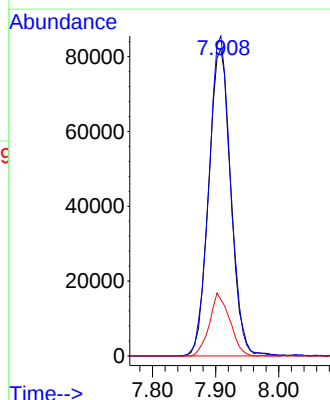
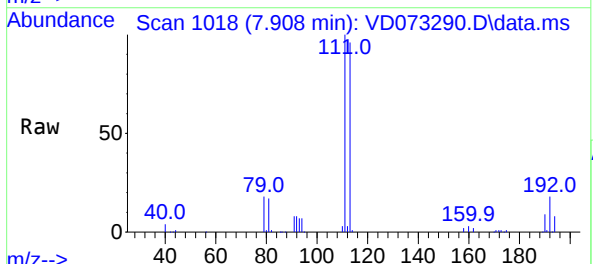
Instrument :
MSVOA_D
ClientSampleId :
EO-01-051922

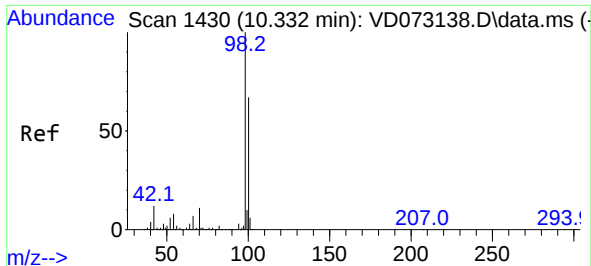
Tgt Ion:	114	Resp:	620502
Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	46.6
88	14.7	0.0	33.2



#35
Dibromofluoromethane
Concen: 48.763 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD073290.D
Acq: 23 May 2022 18:42

Tgt Ion:	113	Resp:	199660
Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.8	125.6
192	18.8	14.6	21.8

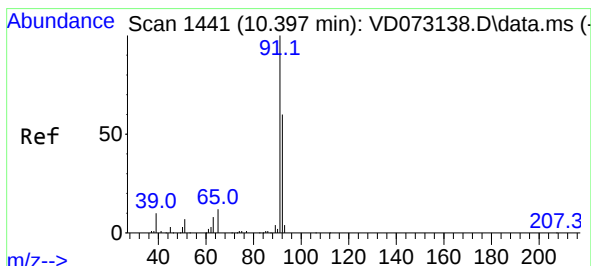
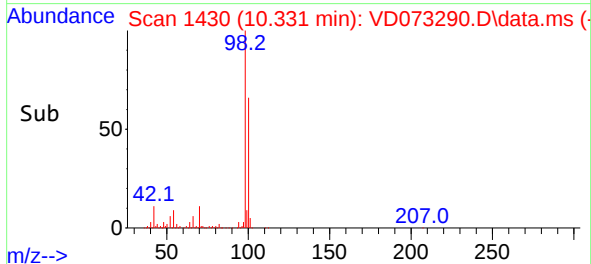
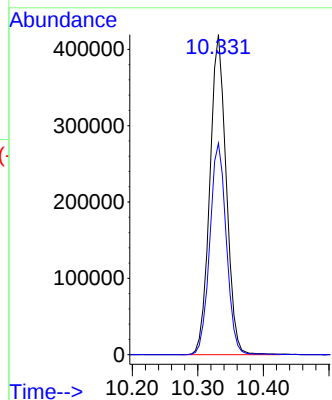
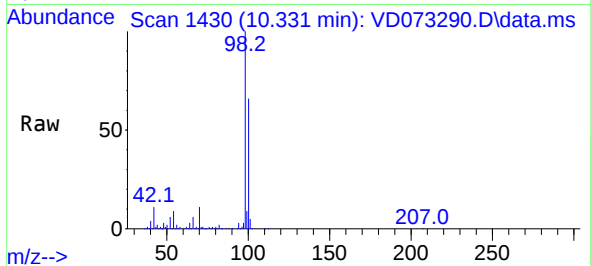




#50
Toluene-d8
Concen: 48.309 ug/l
RT: 10.331 min Scan# 1430
Delta R.T. -0.001 min
Lab File: VD073290.D
Acq: 23 May 2022 18:42

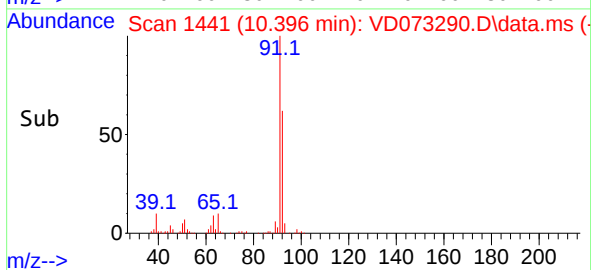
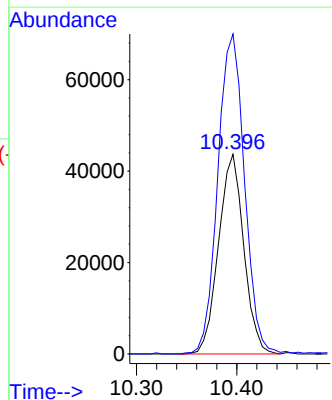
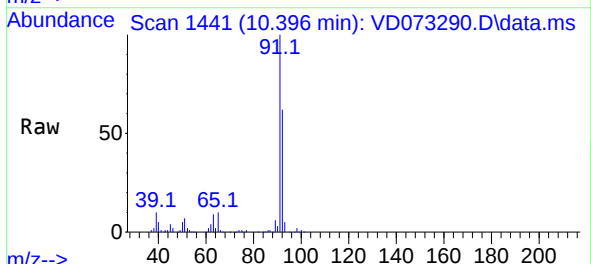
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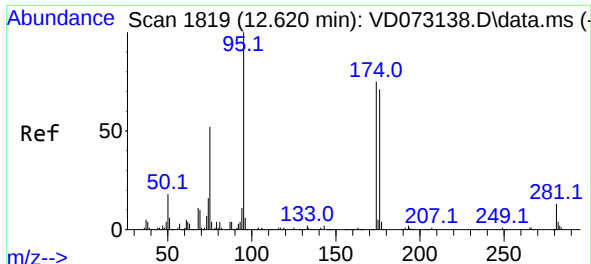
Tgt Ion: 98 Resp: 729135
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6



#52
Toluene
Concen: 6.779 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.001 min
Lab File: VD073290.D
Acq: 23 May 2022 18:42

Tgt Ion: 92 Resp: 76028
Ion Ratio Lower Upper
92 100
91 170.7 139.6 209.4

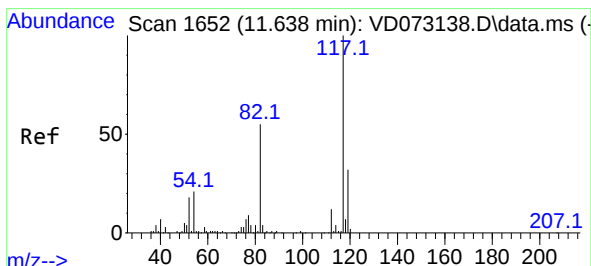
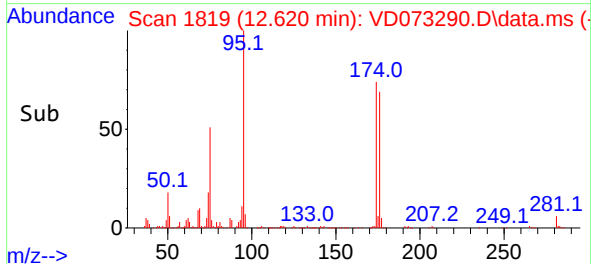
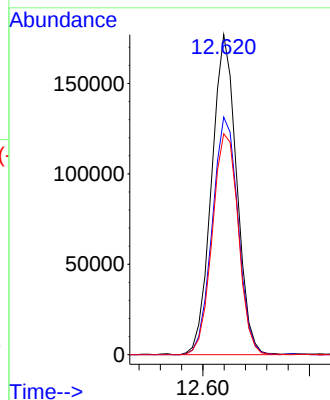
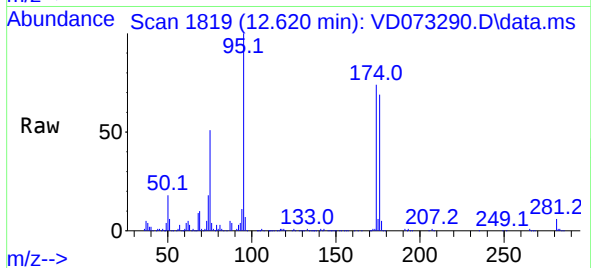




#62
4-Bromofluorobenzene
Concen: 54.386 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073290.D
Acq: 23 May 2022 18:42

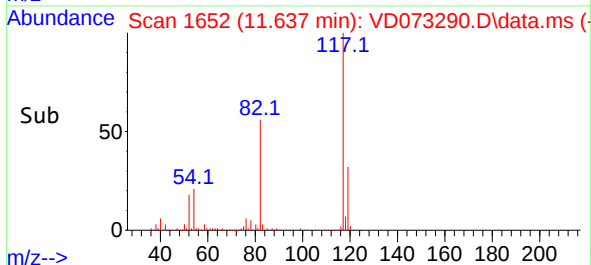
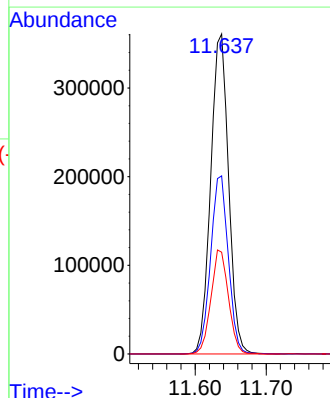
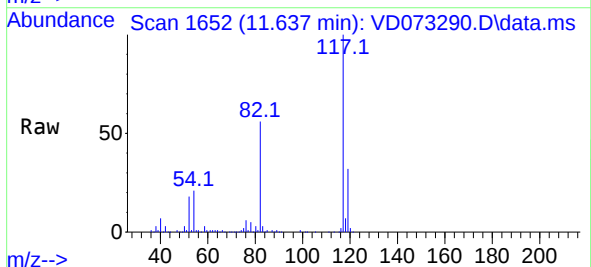
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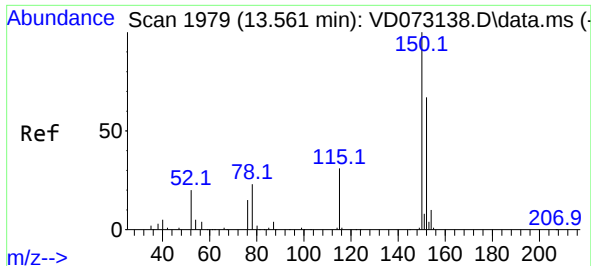
Tgt Ion: 95 Resp: 288075
Ion Ratio Lower Upper
95 100
174 76.4 0.0 152.8
176 71.8 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.001 min
Lab File: VD073290.D
Acq: 23 May 2022 18:42

Tgt Ion: 117 Resp: 630509
Ion Ratio Lower Upper
117 100
82 55.6 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# 1979

Delta R.T. -0.000 min

Lab File: VD073290.D

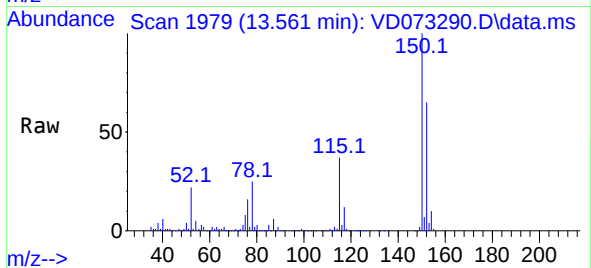
Acq: 23 May 2022 18:42

Instrument :

MSVOA_D

ClientSampleId :

EO-01-051922



Tgt Ion:152 Resp: 300989

Ion Ratio Lower Upper

152 100

115 59.9 31.3 93.8

150 156.5 0.0 348.6

