

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061422\
 Data File : VD073578.D
 Acq On : 14 Jun 2022 19:33
 Operator : VA/SY
 Sample : N3331-01
 Misc : 7.69G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-222(26-28)

Quant Time: Jun 15 01:38:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

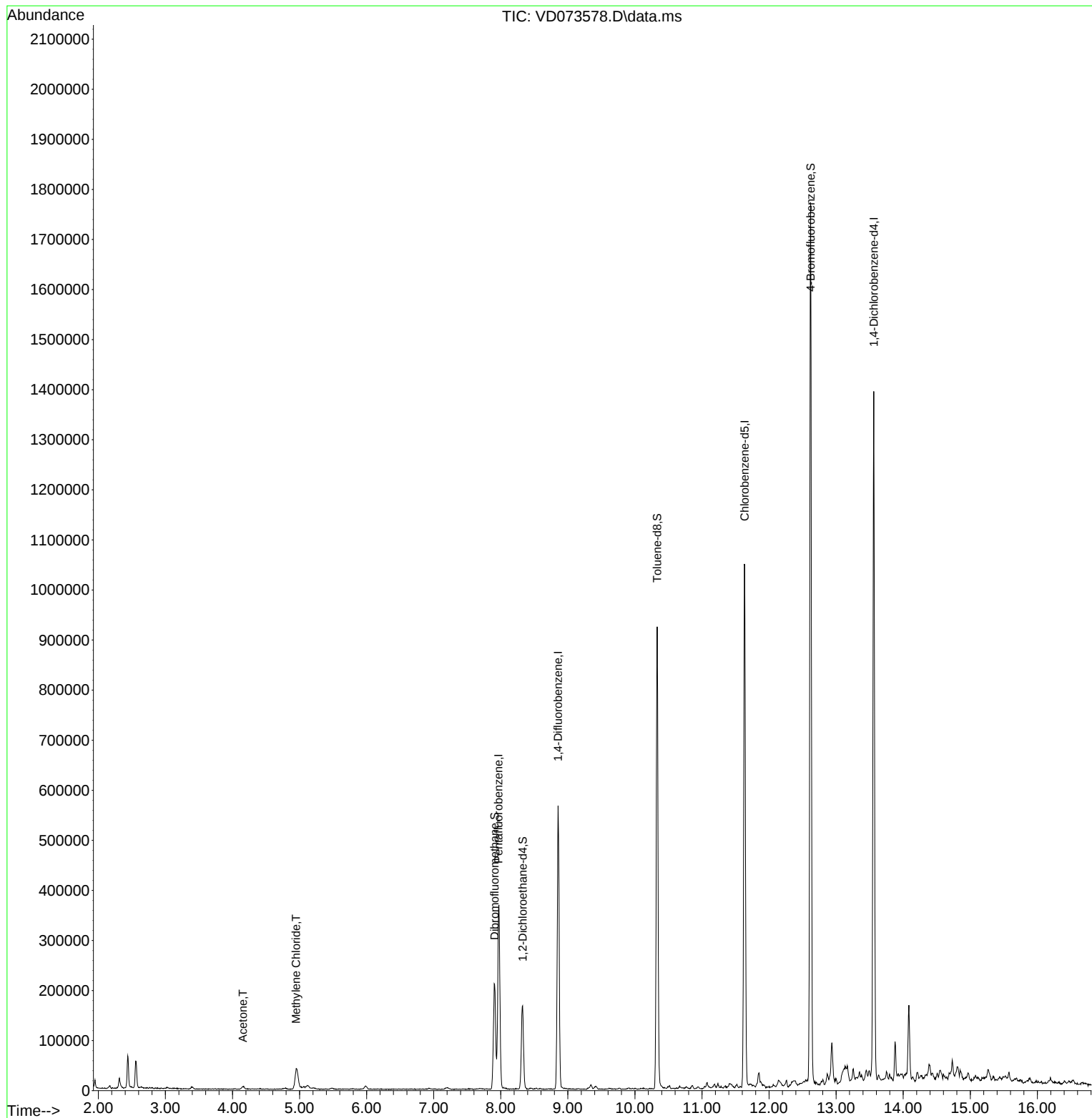
Internal Standards						
1) Pentafluorobenzene	7.967	168	267653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	484673	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	635544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	369505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	134896	46.965	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.920%
35) Dibromofluoromethane	7.908	113	156989	50.371	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.740%
50) Toluene-d8	10.332	98	628286	53.319	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.640%
62) 4-Bromofluorobenzene	12.620	95	348318	81.425	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	162.860%#
Target Compounds						
					Qvalue	
16) Acetone	4.155	43	8809	17.418	ug/l	99
20) Methylene Chloride	4.950	84	33468	7.804	ug/l	85

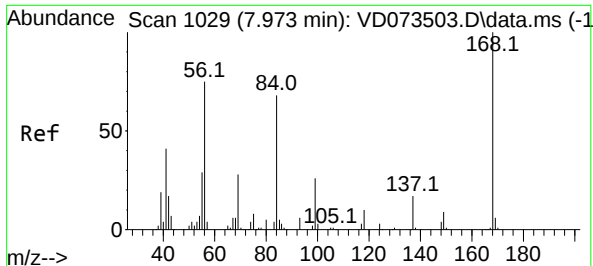
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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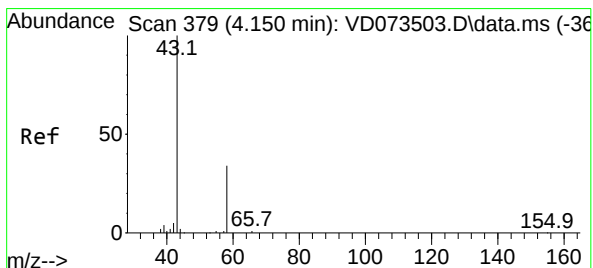
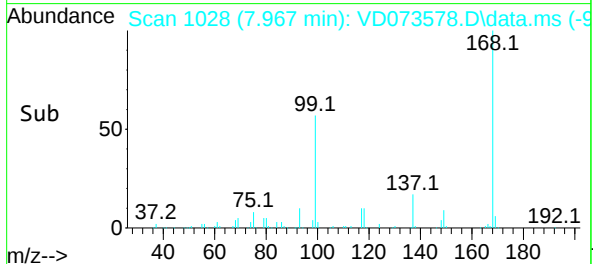
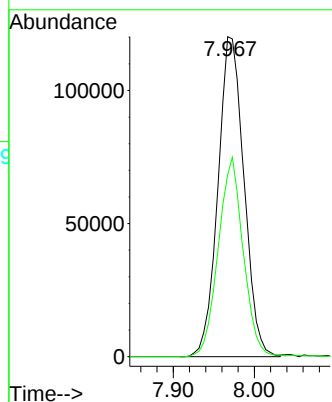
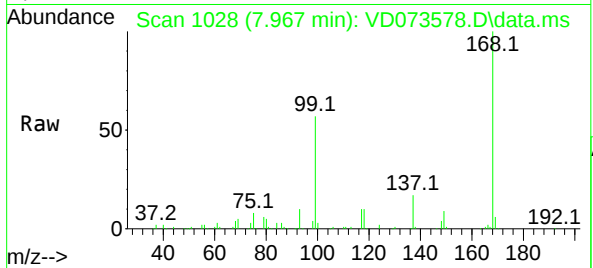




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073578.D
Acq: 14 Jun 2022 19:33

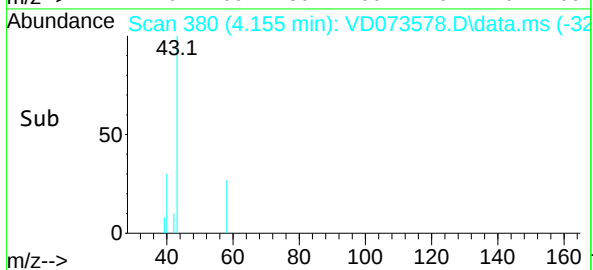
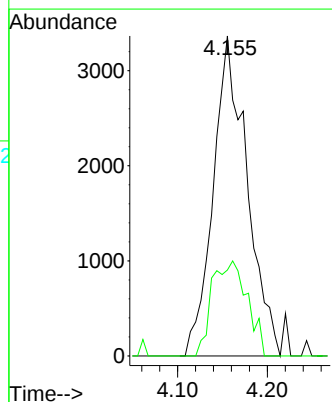
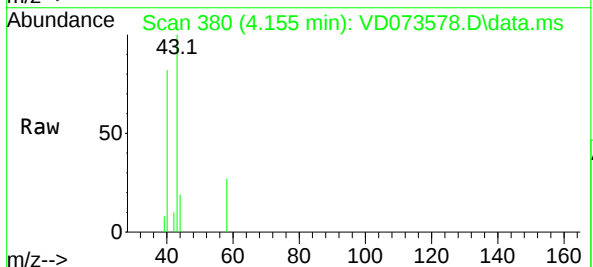
Instrument :
MSVOA_D
ClientSampleId :
B-222(26-28)

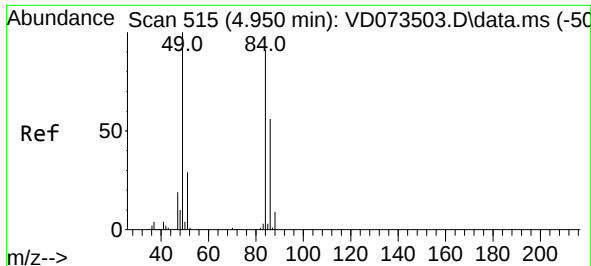
Tgt Ion:168 Resp: 267653
Ion Ratio Lower Upper
168 100
99 56.9 49.8 74.6



#16
Acetone
Concen: 17.418 ug/l
RT: 4.155 min Scan# 380
Delta R.T. 0.005 min
Lab File: VD073578.D
Acq: 14 Jun 2022 19:33

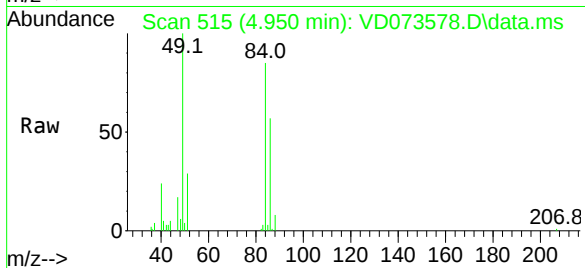
Tgt Ion: 43 Resp: 8809
Ion Ratio Lower Upper
43 100
58 26.8 22.1 33.1



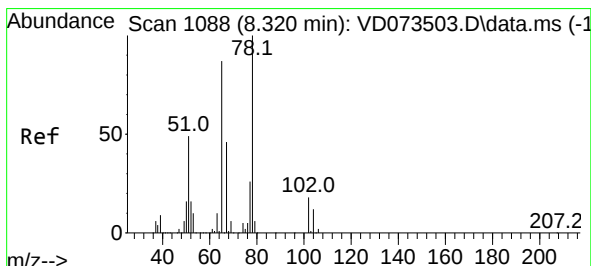
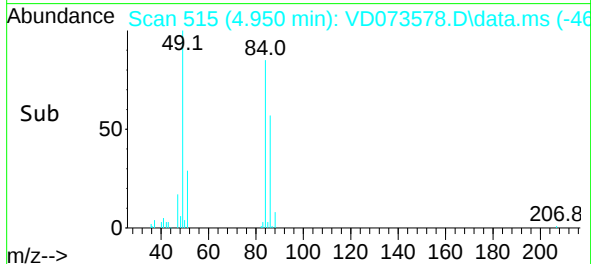
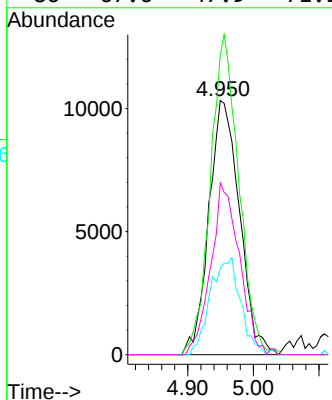


#20
Methylene Chloride
Concen: 7.804 ug/l
RT: 4.950 min Scan# 515
Delta R.T. -0.000 min
Lab File: VD073578.D
Acq: 14 Jun 2022 19:33

Instrument :
MSVOA_D
ClientSampleId :
B-222(26-28)

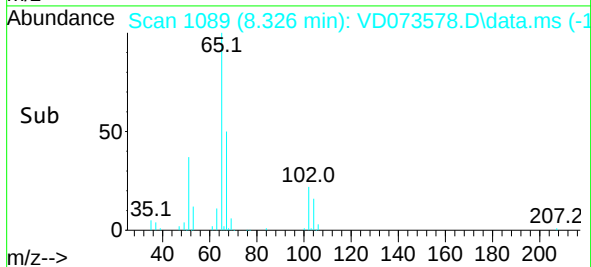
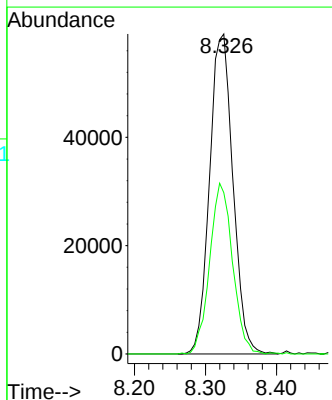
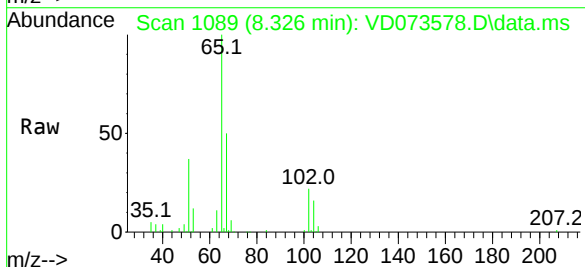


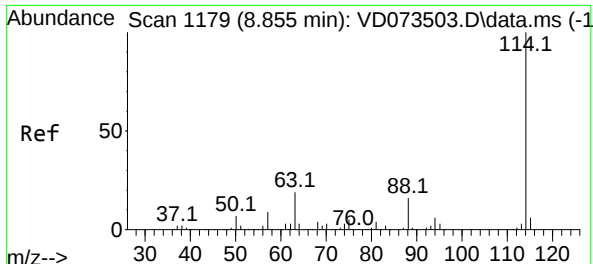
Tgt Ion:	84	Resp:	33468
Ion	Ratio	Lower	Upper
84	100		
49	118.1	112.8	169.2
51	34.0	32.6	48.8
86	67.6	47.9	71.9



#33
1,2-Dichloroethane-d4
Concen: 46.965 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD073578.D
Acq: 14 Jun 2022 19:33

Tgt Ion:	65	Resp:	134896
Ion	Ratio	Lower	Upper
65	100		
67	52.3	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: VD073578.D

Acq: 14 Jun 2022 19:33

Instrument :

MSVOA_D

ClientSampleId :

B-222(26-28)

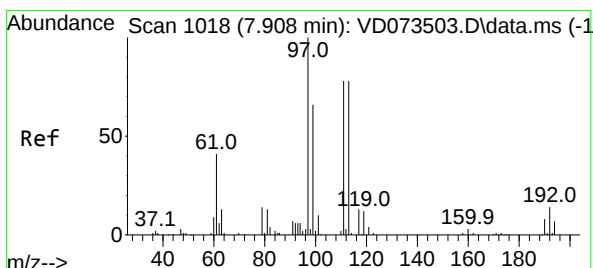
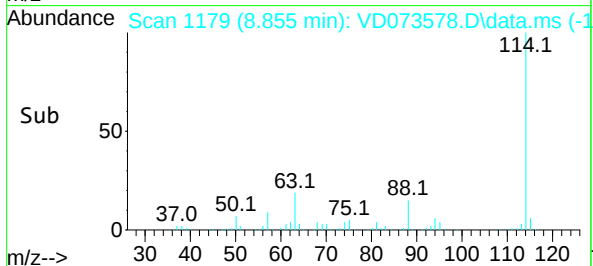
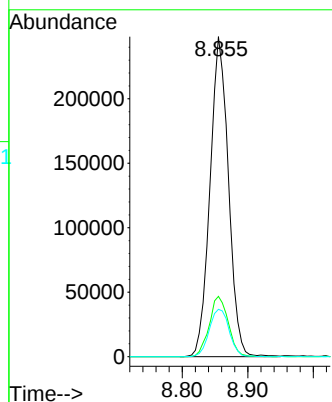
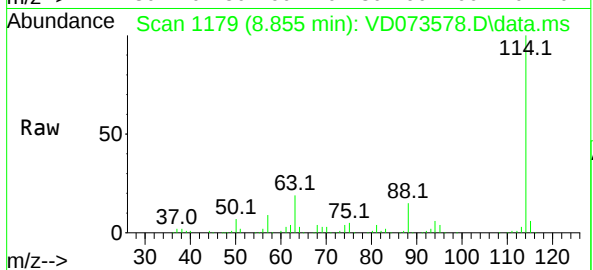
Tgt Ion:114 Resp: 484673

Ion Ratio Lower Upper

114 100

63 18.9 0.0 46.6

88 14.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.371 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073578.D

Acq: 14 Jun 2022 19:33

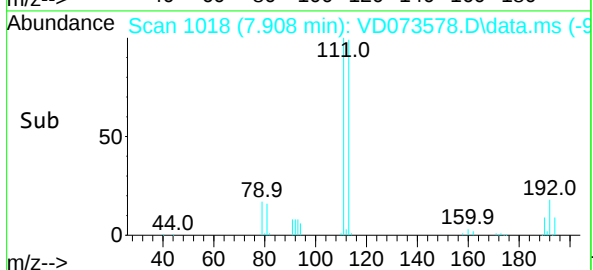
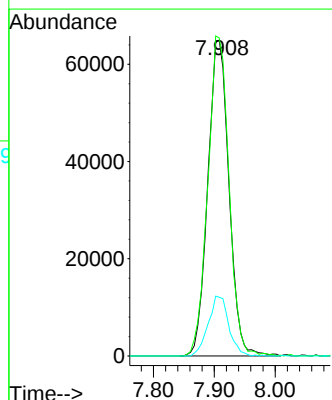
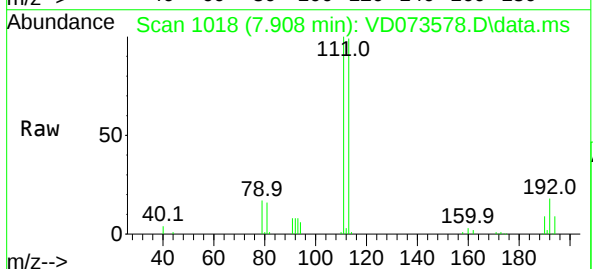
Tgt Ion:113 Resp: 156989

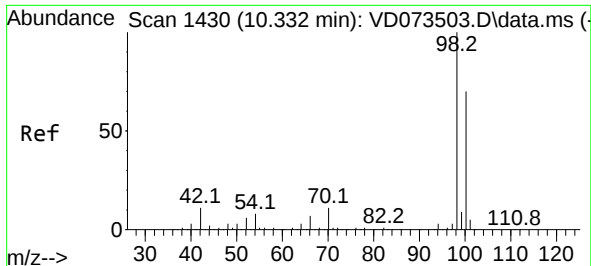
Ion Ratio Lower Upper

113 100

111 101.5 83.8 125.6

192 18.4 14.6 21.8

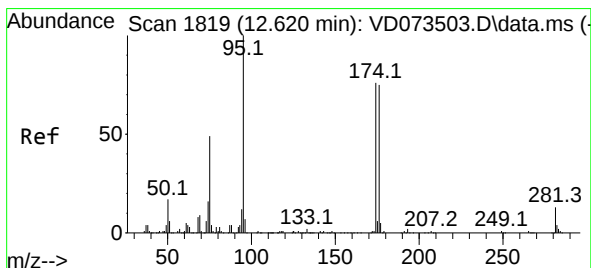
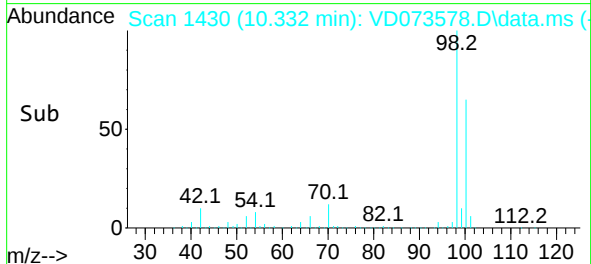
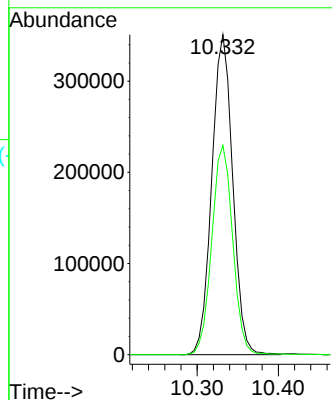
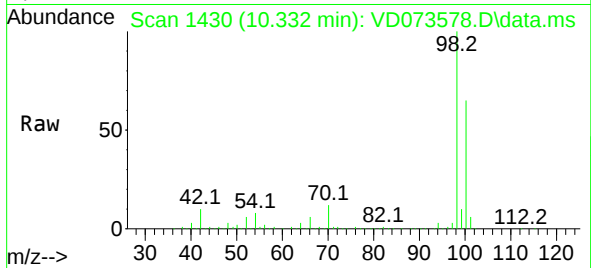




#50
Toluene-d8
Concen: 53.319 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073578.D
Acq: 14 Jun 2022 19:33

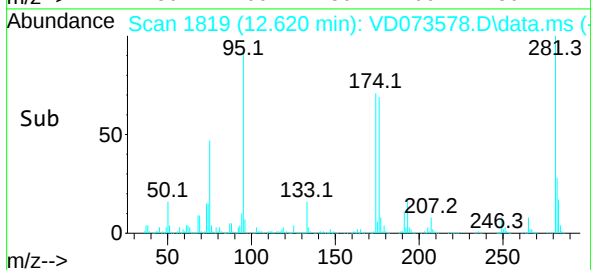
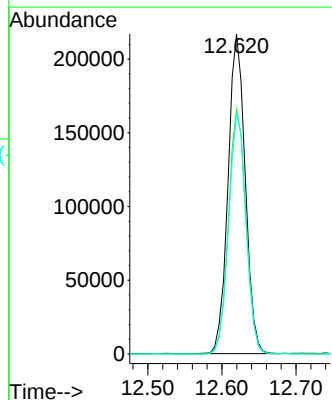
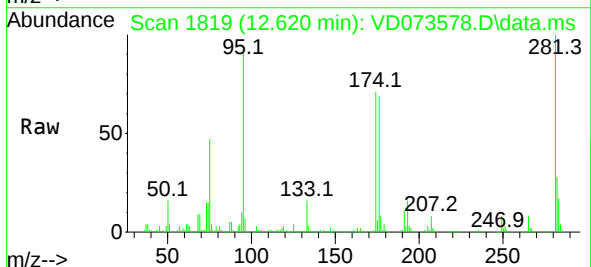
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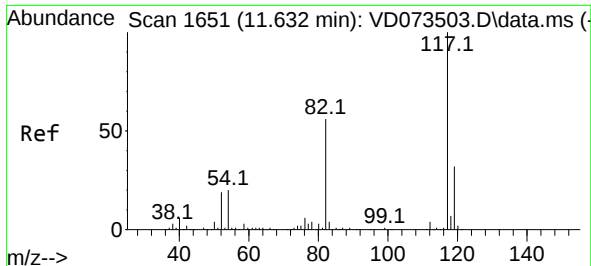
Tgt Ion: 98 Resp: 628286
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 81.425 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073578.D
Acq: 14 Jun 2022 19:33

Tgt Ion: 95 Resp: 348318
Ion Ratio Lower Upper
95 100
174 78.0 0.0 152.8
176 75.9 0.0 145.4

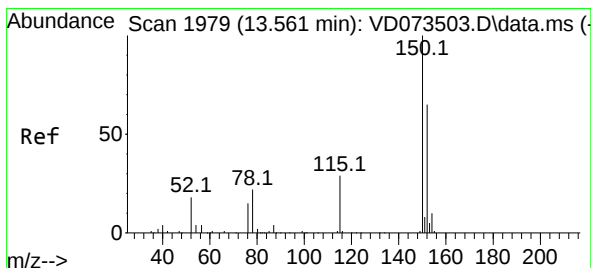
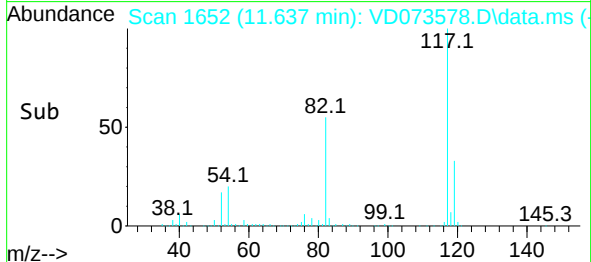
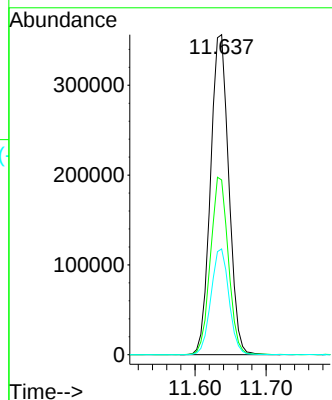
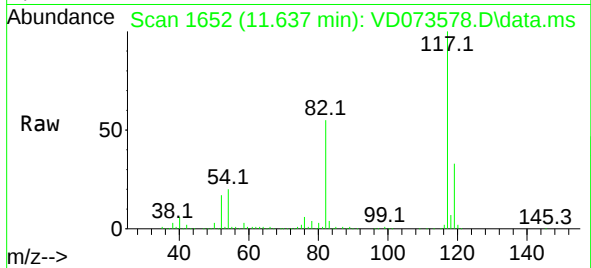




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD073578.D
Acq: 14 Jun 2022 19:33

Instrument :
MSVOA_D
ClientSampleId :
B-222(26-28)

Tgt Ion:117 Resp: 635544
Ion Ratio Lower Upper
117 100
82 54.6 45.3 67.9
119 33.0 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: VD073578.D
Acq: 14 Jun 2022 19:33

Tgt Ion:152 Resp: 369505
Ion Ratio Lower Upper
152 100
115 58.9 31.3 93.8
150 156.7 0.0 348.6

