

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052622\
 Data File : VD073392.D
 Acq On : 26 May 2022 17:04
 Operator : VA/SY
 Sample : N3057-01
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-1193

Quant Time: May 27 01:32:34 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)

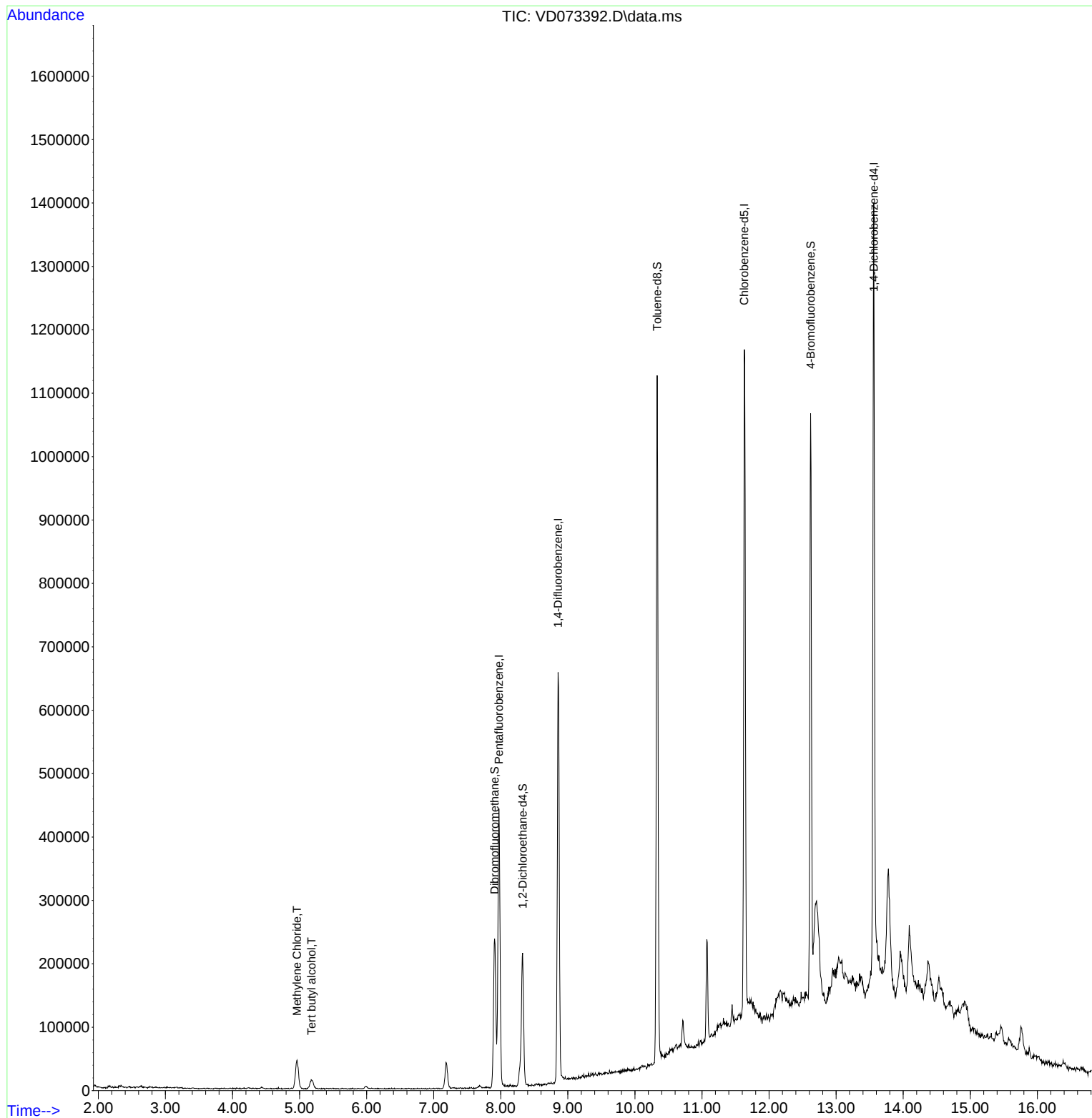
Internal Standards						
1) Pentafluorobenzene	7.973	168	313497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	564899	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	637750	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	311665	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	159897	46.152	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.300%
35) Dibromofluoromethane	7.908	113	176757	47.419	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.840%
50) Toluene-d8	10.332	98	731893	53.264	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.520%
62) 4-Bromofluorobenzene	12.620	95	315245	65.374	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	130.740%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.179	59	12876	23.954	ug/l #	75
20) Methylene Chloride	4.961	84	36707	6.141	ug/l #	81

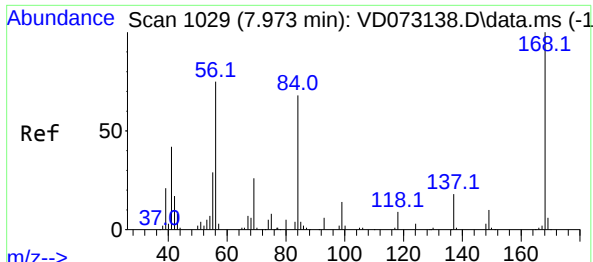
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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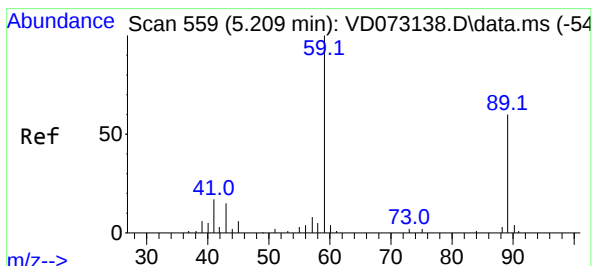
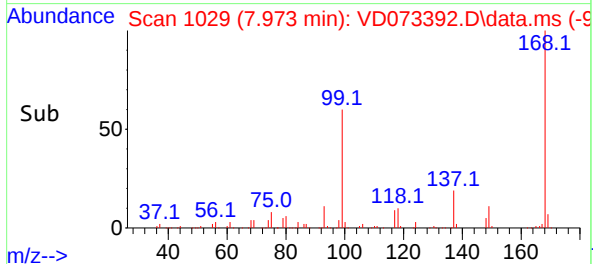
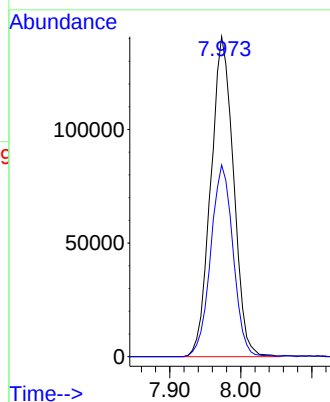
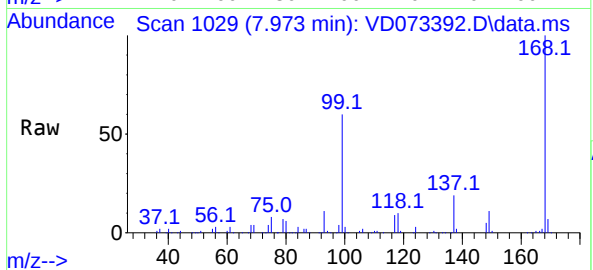




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073392.D
Acq: 26 May 2022 17:04

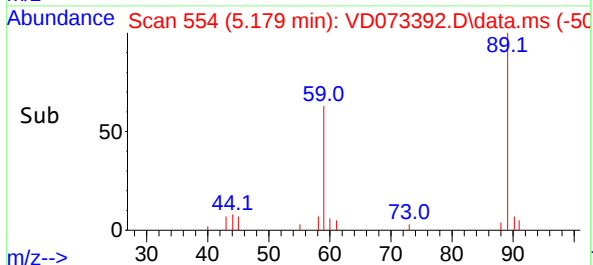
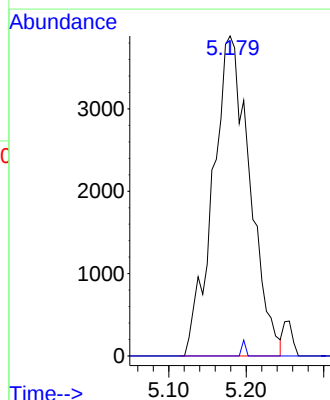
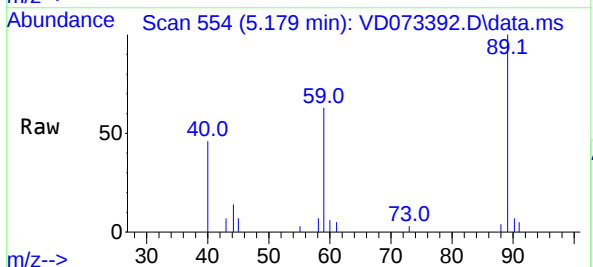
Instrument :
MSVOA_D
ClientSampleId :
72-1193

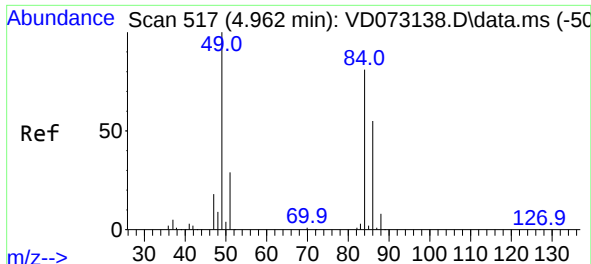
Tgt Ion:168 Resp: 313497
Ion Ratio Lower Upper
168 100
99 59.9 49.8 74.6



#11
Tert butyl alcohol
Concen: 23.954 ug/l
RT: 5.179 min Scan# 554
Delta R.T. -0.030 min
Lab File: VD073392.D
Acq: 26 May 2022 17:04

Tgt Ion: 59 Resp: 12876
Ion Ratio Lower Upper
59 100
57 0.5 7.8 11.6#



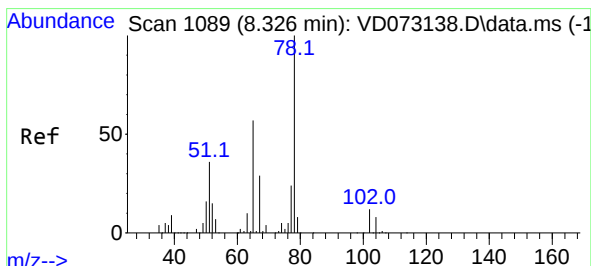
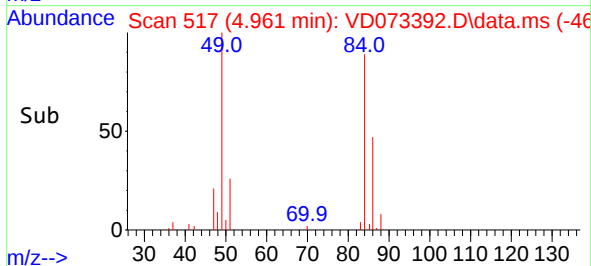
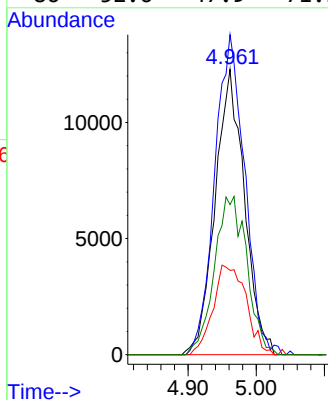
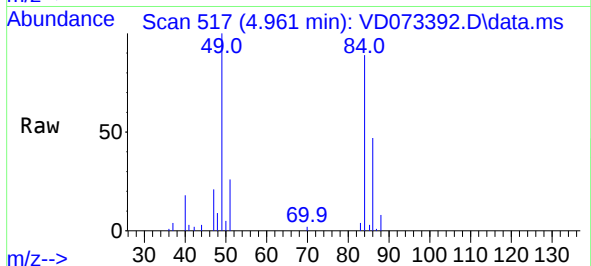


#20
Methylene Chloride
Concen: 6.141 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD073392.D
Acq: 26 May 2022 17:04

Instrument :
MSVOA_D
ClientSampleId :
72-1193

Tgt Ion: 84 Resp: 36707

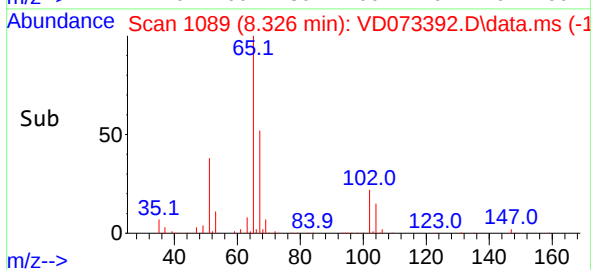
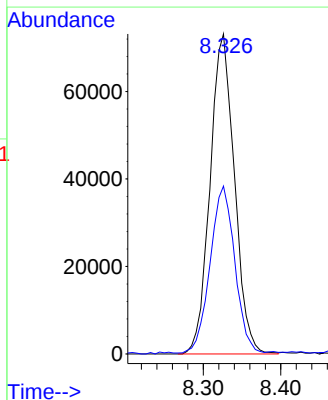
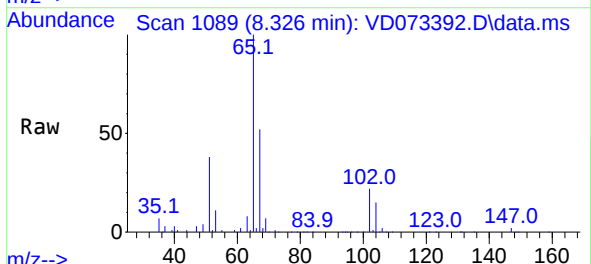
Ion	Ratio	Lower	Upper
84	100		
49	112.1	112.8	169.2#
51	29.5	32.6	48.8#
86	52.6	47.9	71.9

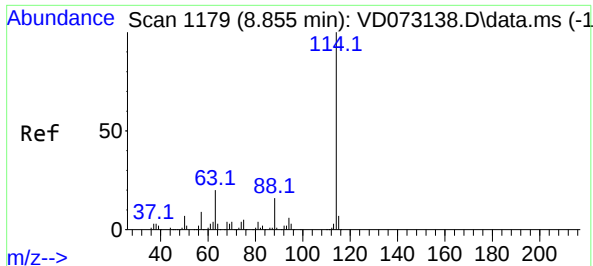


#33
1,2-Dichloroethane-d4
Concen: 46.152 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD073392.D
Acq: 26 May 2022 17:04

Tgt Ion: 65 Resp: 159897

Ion	Ratio	Lower	Upper
65	100		
67	52.5	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: VD073392.D

Acq: 26 May 2022 17:04

Instrument :

MSVOA_D

ClientSampleId :

72-1193

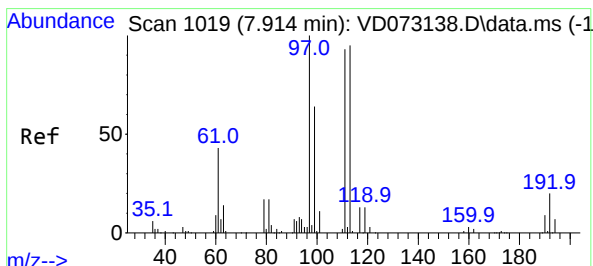
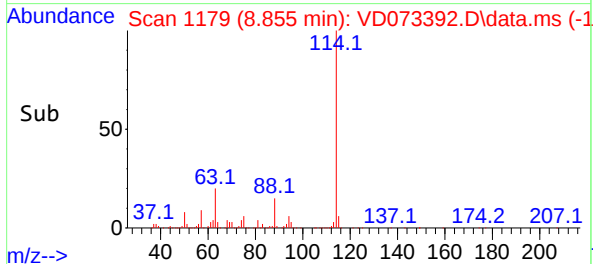
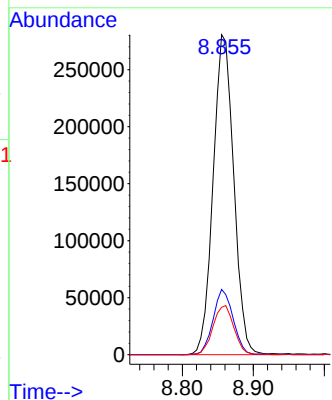
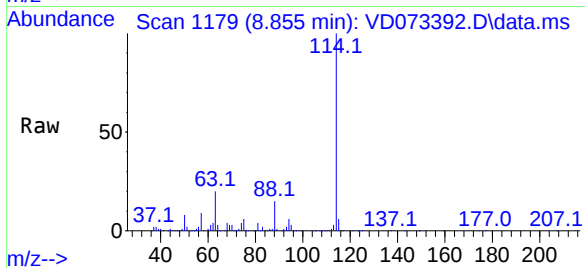
Tgt Ion:114 Resp: 564899

Ion Ratio Lower Upper

114 100

63 20.4 0.0 46.6

88 14.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.419 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073392.D

Acq: 26 May 2022 17:04

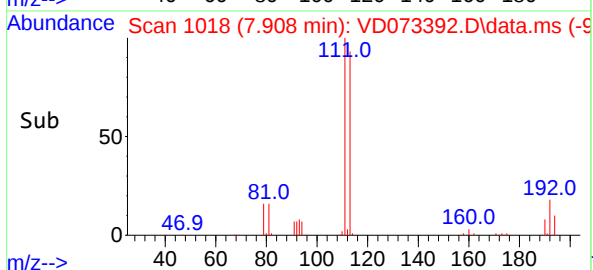
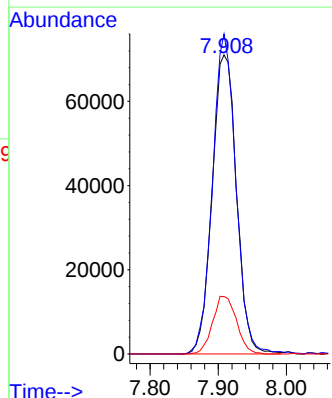
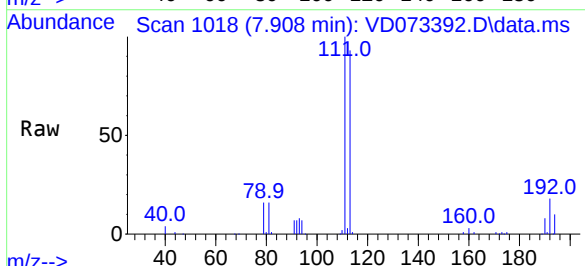
Tgt Ion:113 Resp: 176757

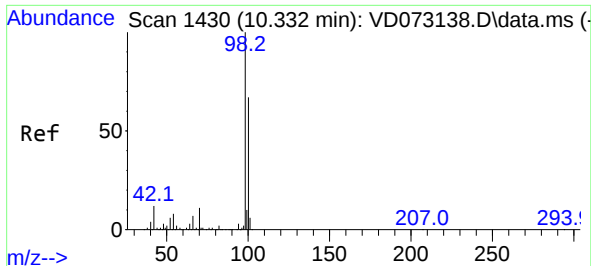
Ion Ratio Lower Upper

113 100

111 102.5 83.8 125.6

192 18.9 14.6 21.8

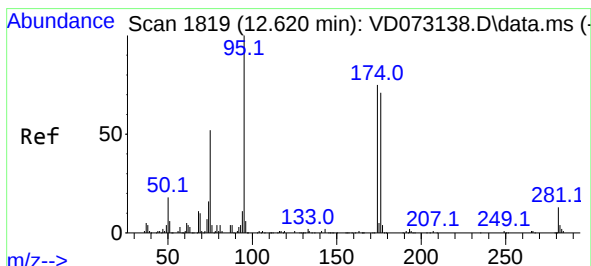
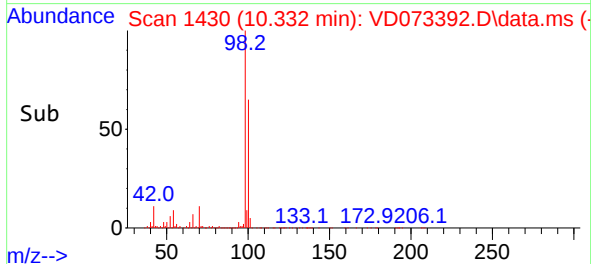
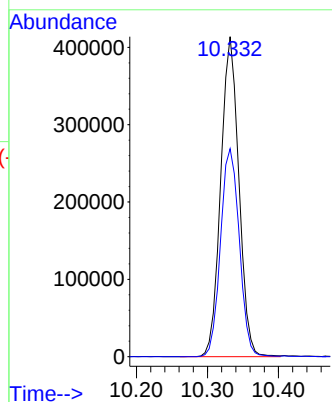
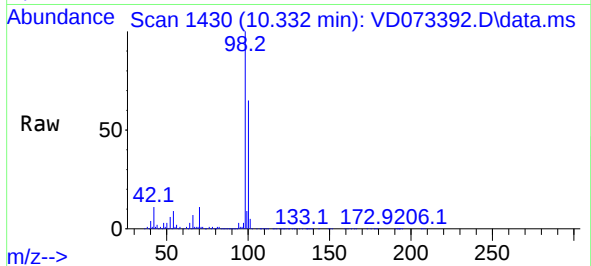




#50
Toluene-d8
Concen: 53.264 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073392.D
Acq: 26 May 2022 17:04

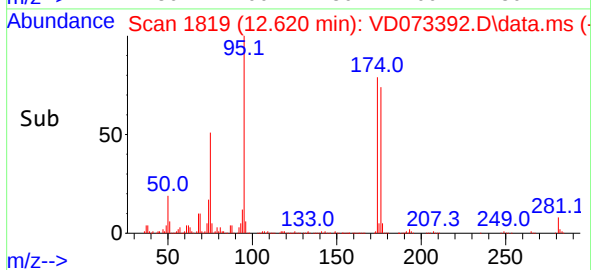
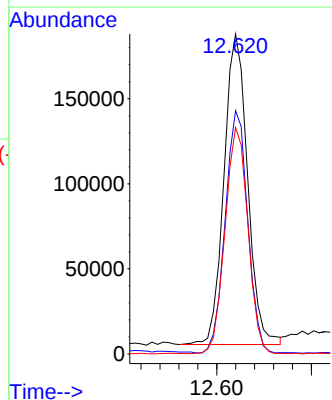
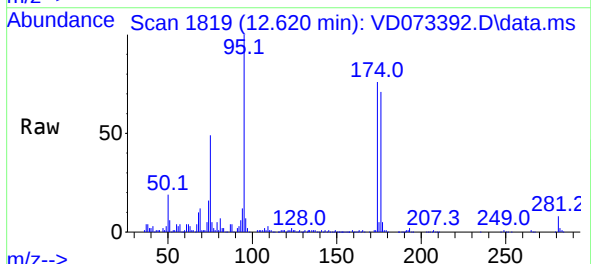
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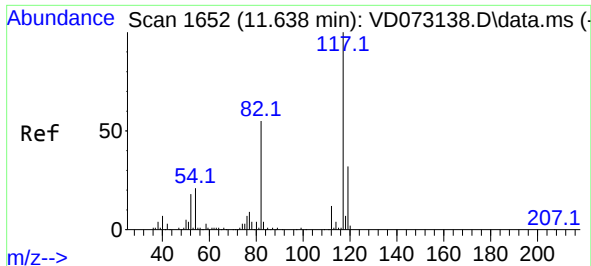
Tgt Ion: 98 Resp: 731893
Ion Ratio Lower Upper
98 100
100 67.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 65.374 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073392.D
Acq: 26 May 2022 17:04

Tgt Ion: 95 Resp: 315245
Ion Ratio Lower Upper
95 100
174 74.7 0.0 152.8
176 70.8 0.0 145.4

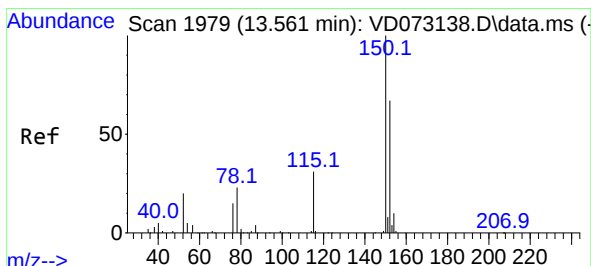
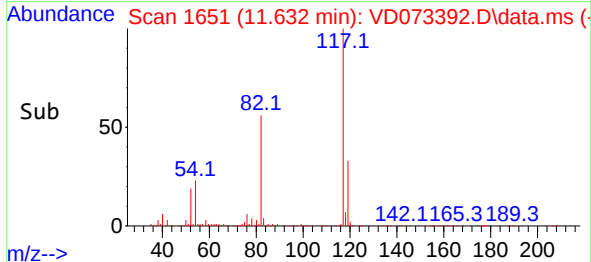
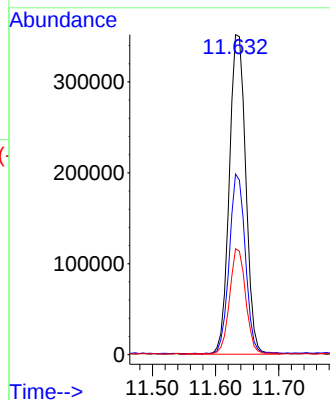
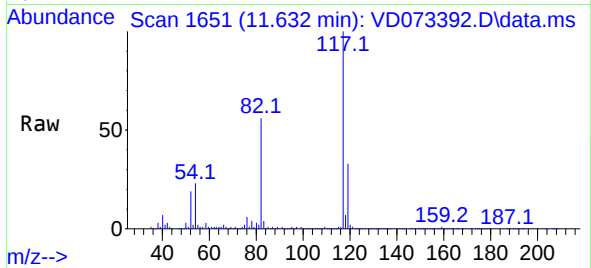




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD073392.D
Acq: 26 May 2022 17:04

Instrument :
MSVOA_D
ClientSampleId :
72-1193

Tgt Ion:117 Resp: 637750
Ion Ratio Lower Upper
117 100
82 56.1 45.3 67.9
119 32.9 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: VD073392.D
Acq: 26 May 2022 17:04

Tgt Ion:152 Resp: 311665
Ion Ratio Lower Upper
152 100
115 60.4 31.3 93.8
150 155.9 0.0 348.6

