

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052522\
 Data File : VD073368.D
 Acq On : 25 May 2022 18:49
 Operator : VA/SY
 Sample : N2886-12
 Misc : 4.89G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS003-0006-01

Quant Time: May 26 02:26:19 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)

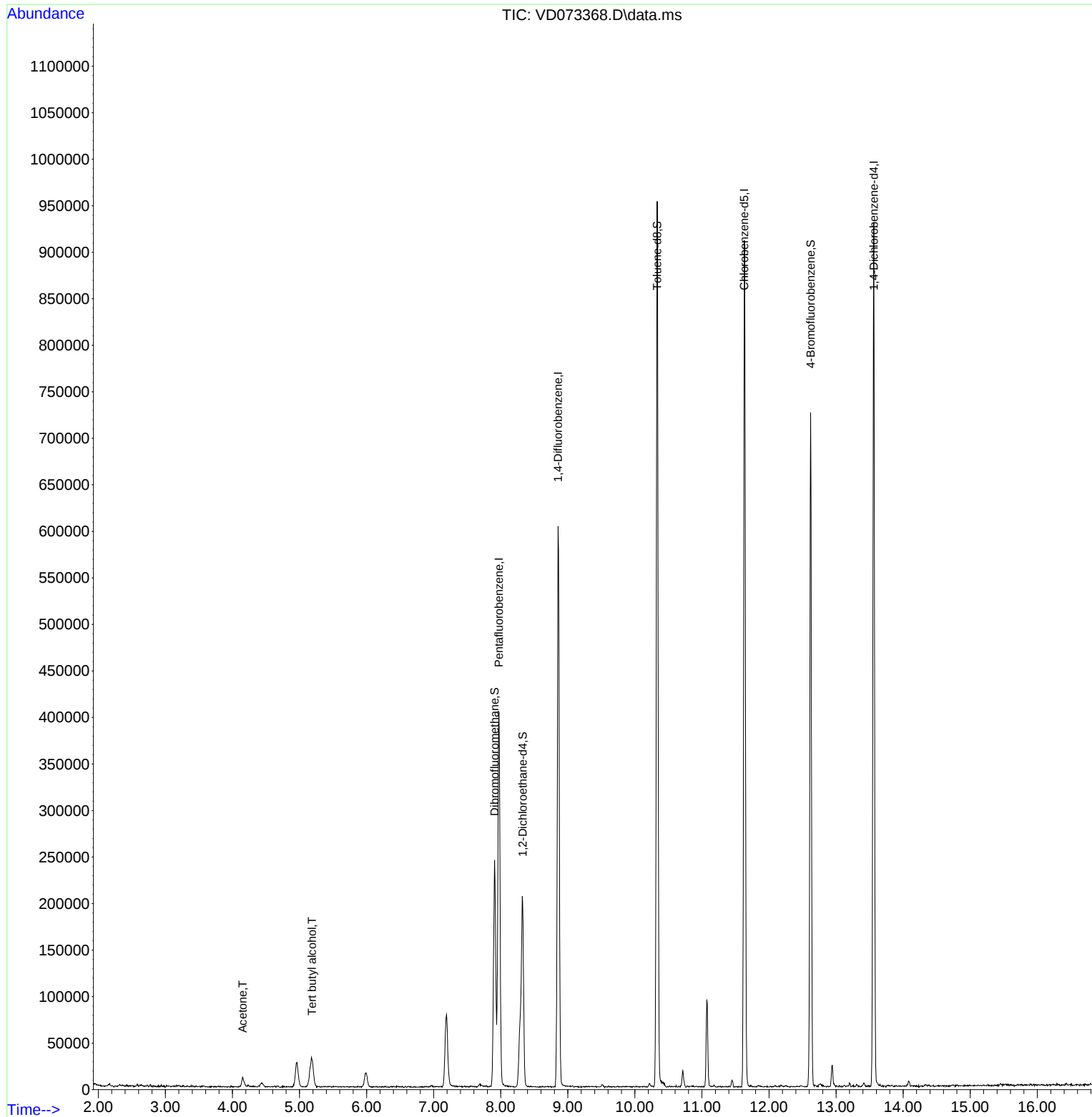
Internal Standards						
1) Pentafluorobenzene	7.973	168	292956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	520037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	547755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	244995	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	155873	48.145	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.280%
35) Dibromofluoromethane	7.909	113	174560	50.869	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.740%
50) Toluene-d8	10.332	98	638094	50.444	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.880%
62) 4-Bromofluorobenzene	12.620	95	236603	53.298	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.600%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.185	59	28987	57.707	ug/l #	75
16) Acetone	4.150	43	16655	29.700	ug/l #	87

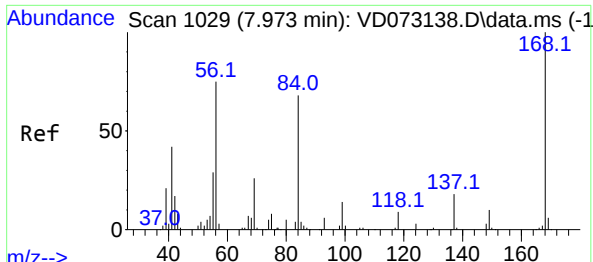
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD073368.D

Acq: 25 May 2022 18:49

Instrument :

MSVOA_D

ClientSampleId :

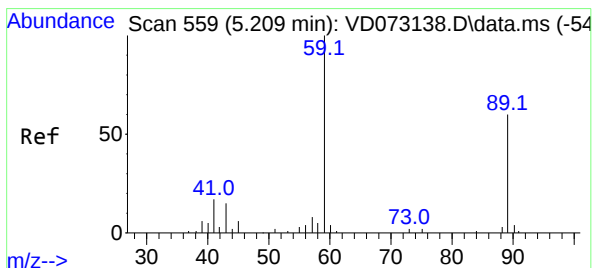
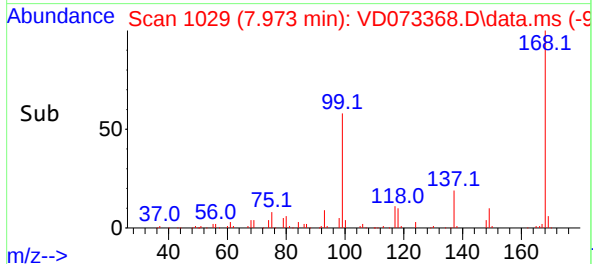
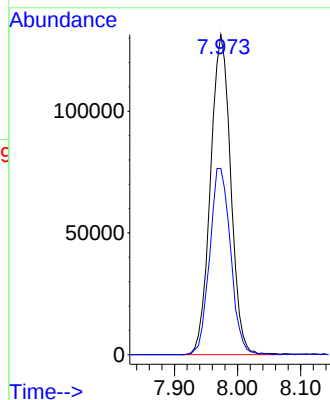
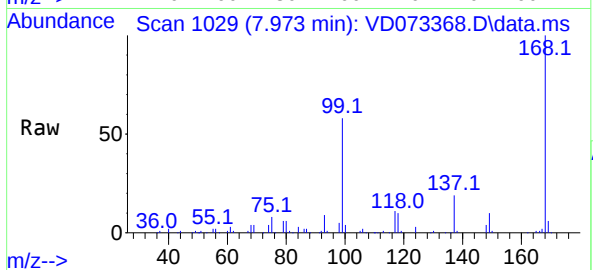
P021-SS003-0006-01

Tgt Ion:168 Resp: 292956

Ion Ratio Lower Upper

168 100

99 58.2 49.8 74.6



#11

Tert butyl alcohol

Concen: 57.707 ug/l

RT: 5.185 min Scan# 555

Delta R.T. -0.024 min

Lab File: VD073368.D

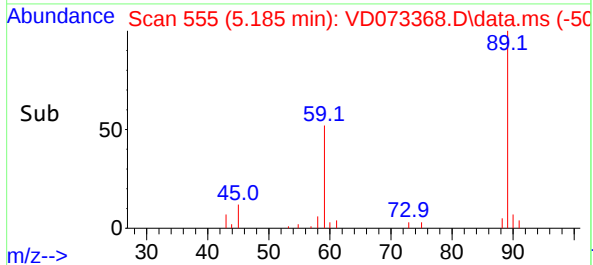
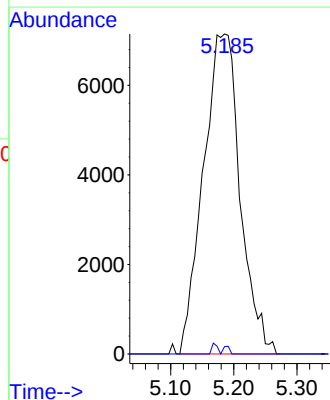
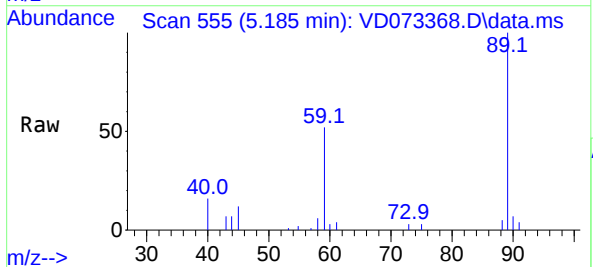
Acq: 25 May 2022 18:49

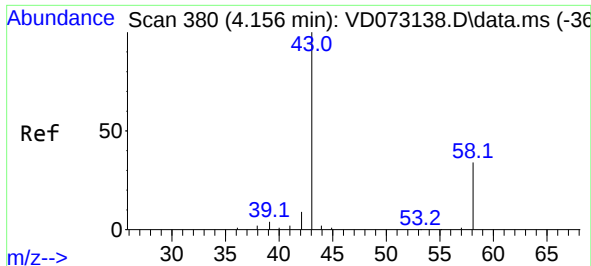
Tgt Ion: 59 Resp: 28987

Ion Ratio Lower Upper

59 100

57 0.4 7.8 11.6#

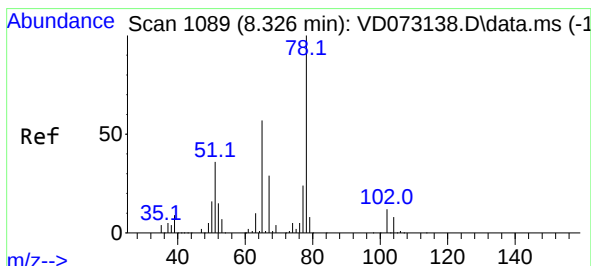
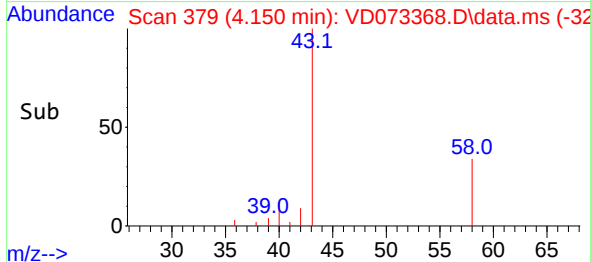
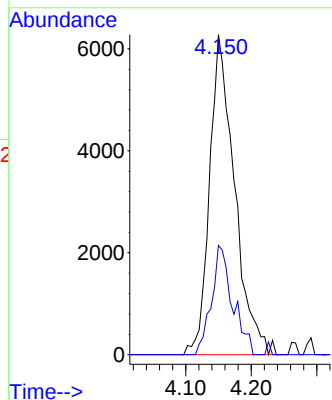
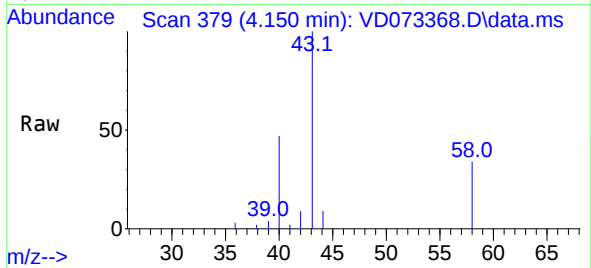




#16
Acetone
Concen: 29.700 ug/l
RT: 4.150 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD073368.D
Acq: 25 May 2022 18:49

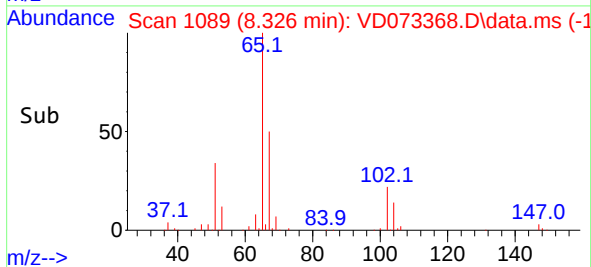
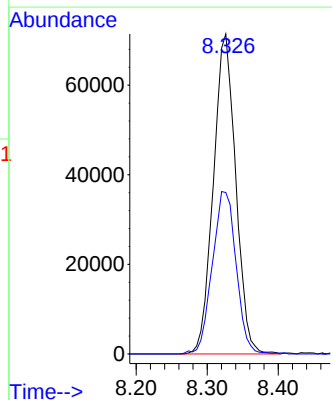
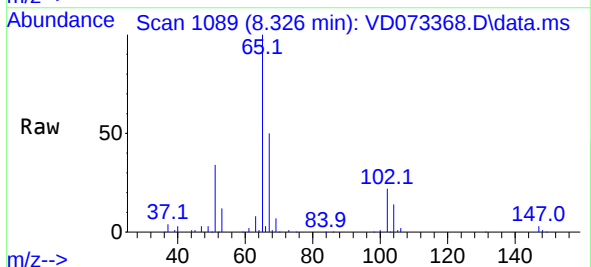
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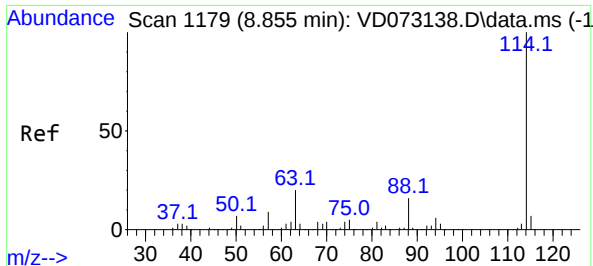
Tgt Ion: 43 Resp: 16655
Ion Ratio Lower Upper
43 100
58 34.2 22.1 33.1#



#33
1,2-Dichloroethane-d4
Concen: 48.145 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073368.D
Acq: 25 May 2022 18:49

Tgt Ion: 65 Resp: 155873
Ion Ratio Lower Upper
65 100
67 54.0 0.0 101.4

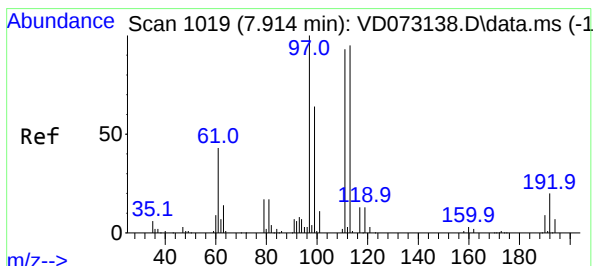
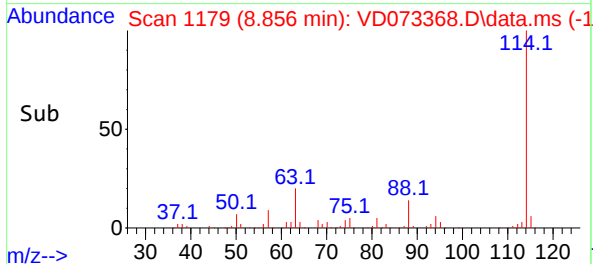
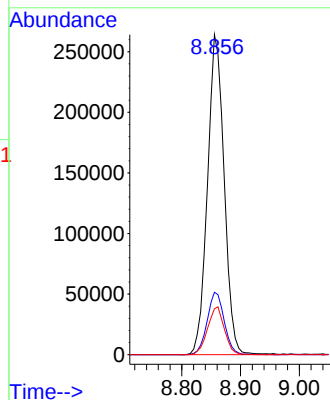
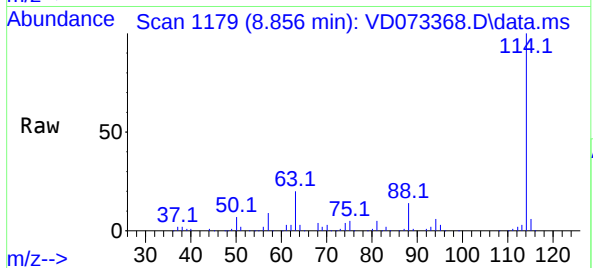




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. 0.001 min
Lab File: VD073368.D
Acq: 25 May 2022 18:49

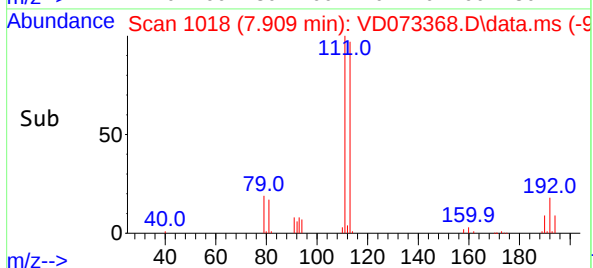
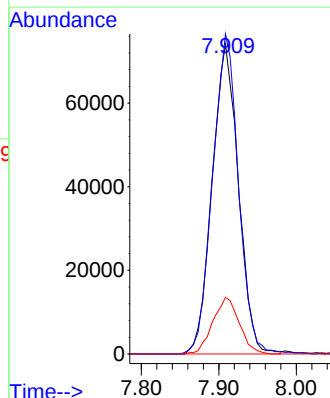
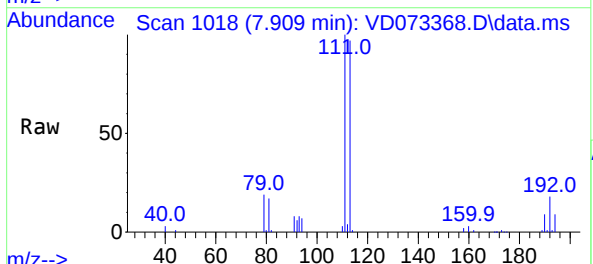
Instrument :
MSVOA_D
ClientSampleId :
P021-SS003-0006-01

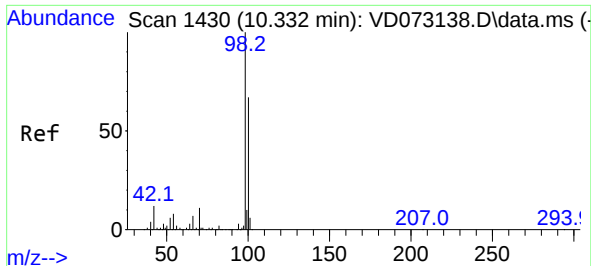
Tgt Ion:114 Resp: 520037
Ion Ratio Lower Upper
114 100
63 19.5 0.0 46.6
88 14.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.869 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.005 min
Lab File: VD073368.D
Acq: 25 May 2022 18:49

Tgt Ion:113 Resp: 174560
Ion Ratio Lower Upper
113 100
111 101.7 83.8 125.6
192 18.4 14.6 21.8

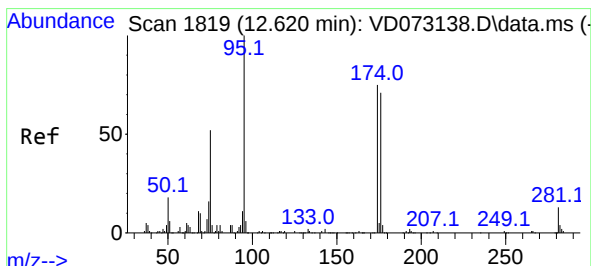
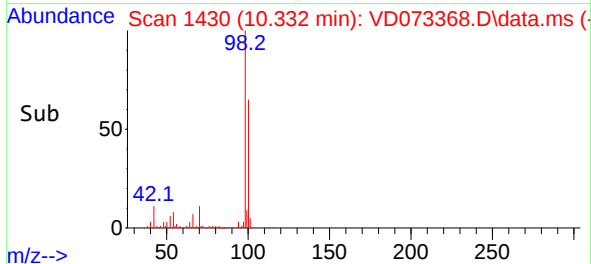
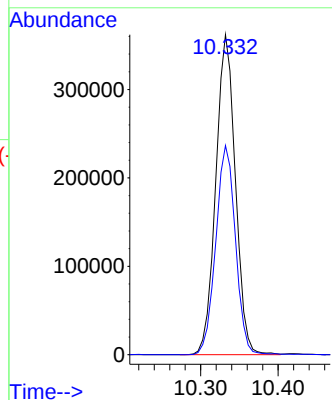
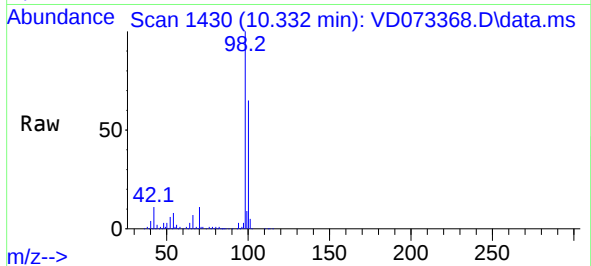




#50
Toluene-d8
Concen: 50.444 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073368.D
Acq: 25 May 2022 18:49

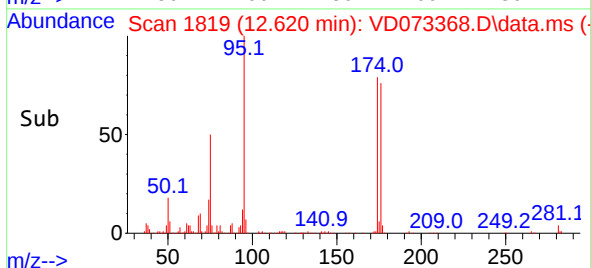
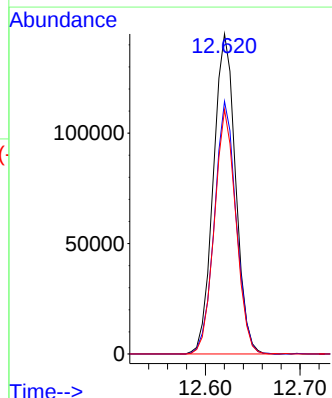
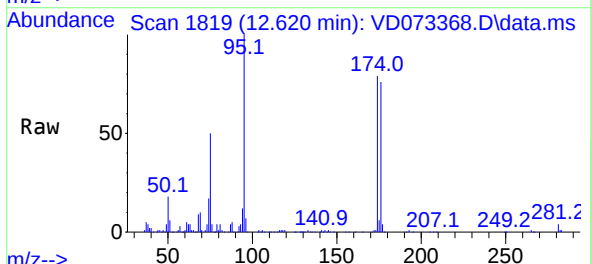
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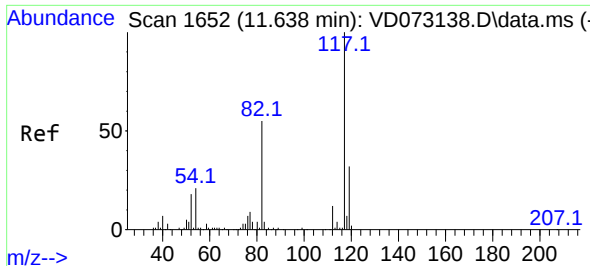
Tgt Ion: 98 Resp: 638094
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 53.298 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073368.D
Acq: 25 May 2022 18:49

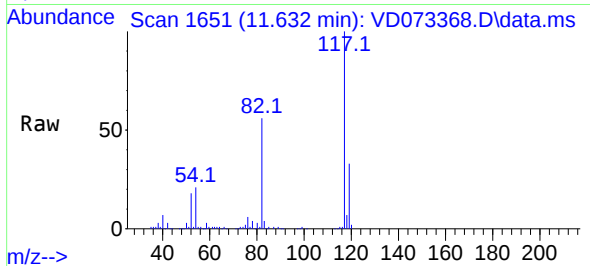
Tgt Ion: 95 Resp: 236603
Ion Ratio Lower Upper
95 100
174 77.0 0.0 152.8
176 73.9 0.0 145.4



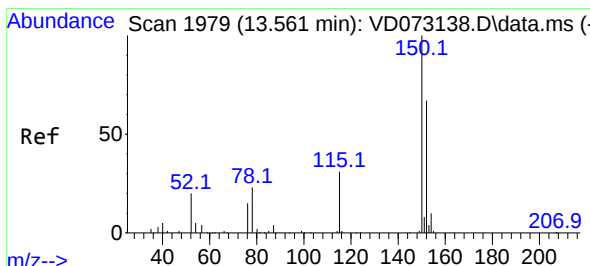
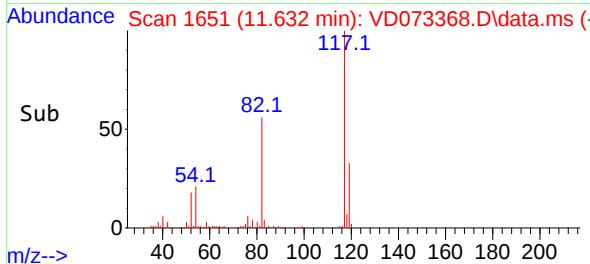
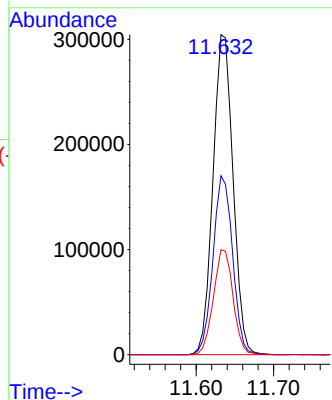


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD073368.D
Acq: 25 May 2022 18:49

Instrument :
MSVOA_D
ClientSampleId :
P021-SS003-0006-01



Tgt Ion:117 Resp: 547755
Ion Ratio Lower Upper
117 100
82 55.9 45.3 67.9
119 32.8 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: VD073368.D
Acq: 25 May 2022 18:49

Tgt Ion:152 Resp: 244995
Ion Ratio Lower Upper
152 100
115 60.6 31.3 93.8
150 159.9 0.0 348.6

