

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052522\
 Data File : VD073369.D
 Acq On : 25 May 2022 19:18
 Operator : VA/SY
 Sample : N2886-13
 Misc : 4.36G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS004-0006-01

Quant Time: May 26 04:05:24 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)

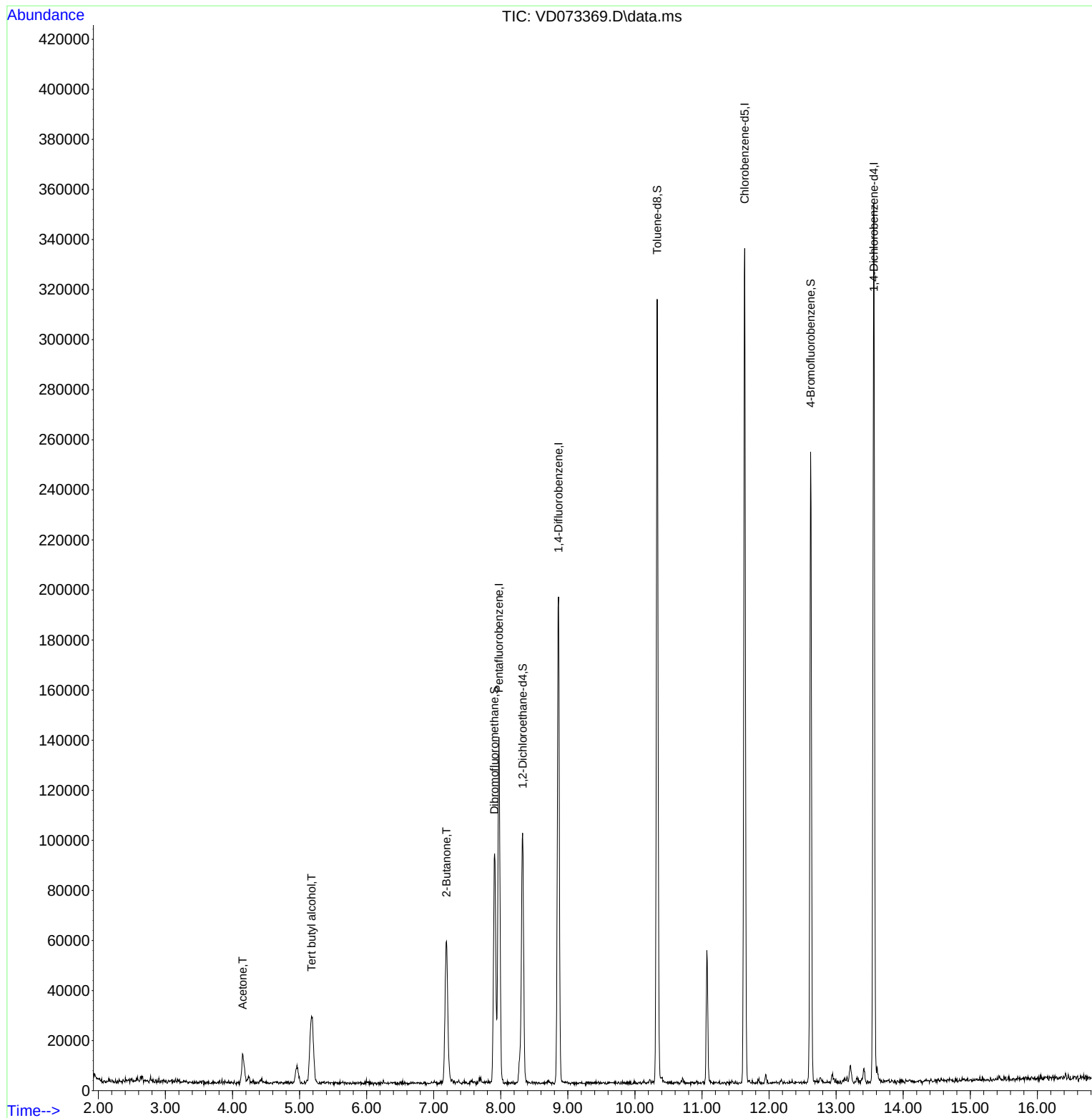
Internal Standards						
1) Pentafluorobenzene	7.973	168	98455	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	166280	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	198159	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	93561	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	78139	71.814	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 143.620%	
35) Dibromofluoromethane	7.902	113	68595	62.517	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 125.040%	
50) Toluene-d8	10.332	98	209450	51.785	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.560%	
62) 4-Bromofluorobenzene	12.620	95	85786	60.437	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 120.880%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.179	59	26616	157.665	ug/l #	74
16) Acetone	4.150	43	19907	105.627	ug/l	94
25) 2-Butanone	7.191	43	4066	14.746	ug/l	94

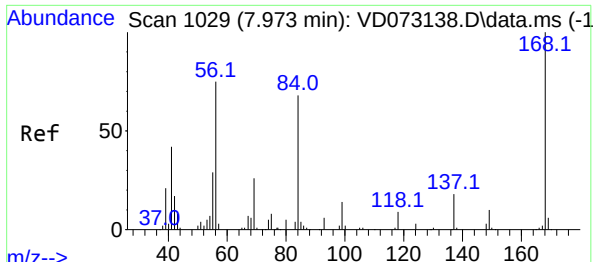
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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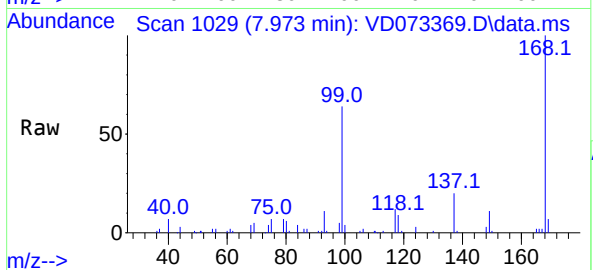
Quant Time: May 26 04:05:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration



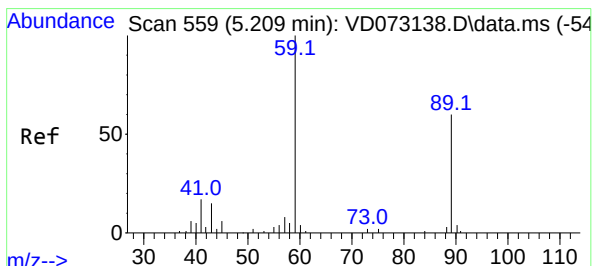
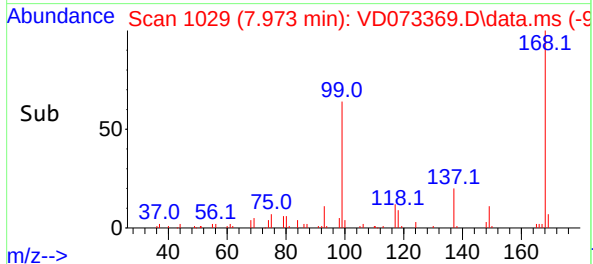
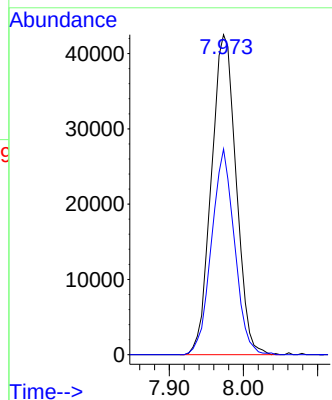


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073369.D
Acq: 25 May 2022 19:18

Instrument :
MSVOA_D
ClientSampleId :
P021-SS004-0006-01

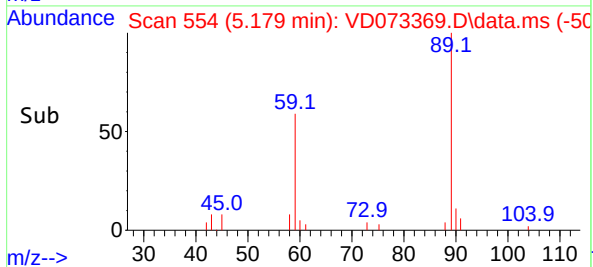
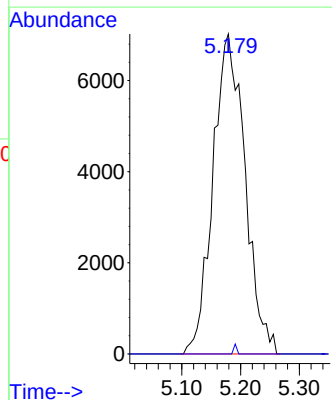
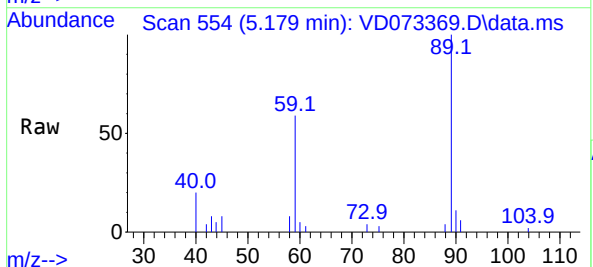


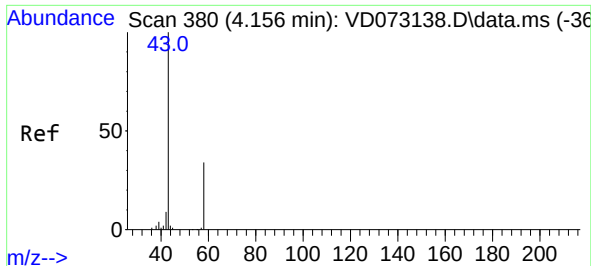
Tgt Ion:168 Resp: 98455
Ion Ratio Lower Upper
168 100
99 64.2 49.8 74.6



#11
Tert butyl alcohol
Concen: 157.665 ug/l
RT: 5.179 min Scan# 554
Delta R.T. -0.030 min
Lab File: VD073369.D
Acq: 25 May 2022 19:18

Tgt Ion: 59 Resp: 26616
Ion Ratio Lower Upper
59 100
57 0.3 7.8 11.6#

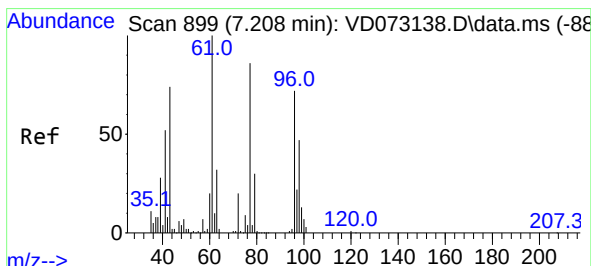
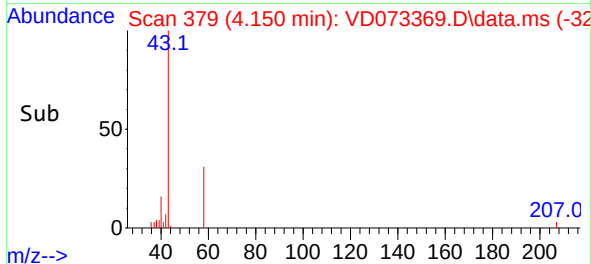
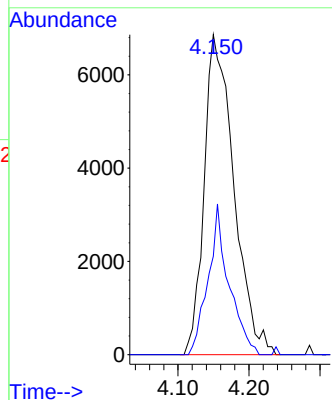
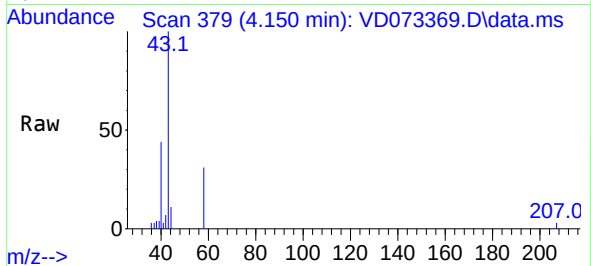




#16
Acetone
Concen: 105.627 ug/l
RT: 4.150 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD073369.D
Acq: 25 May 2022 19:18

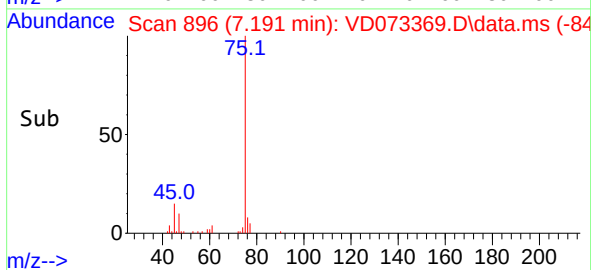
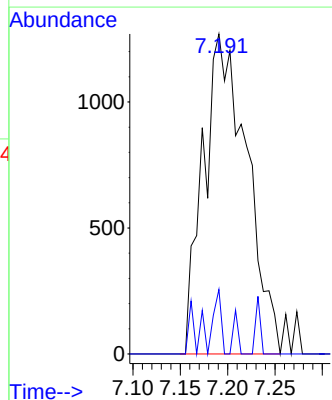
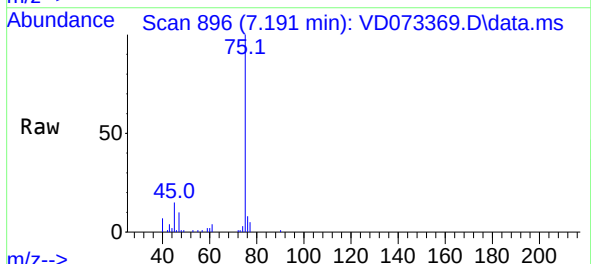
Instrument :
MSVOA_D
ClientSampleId :
P021-SS004-0006-01

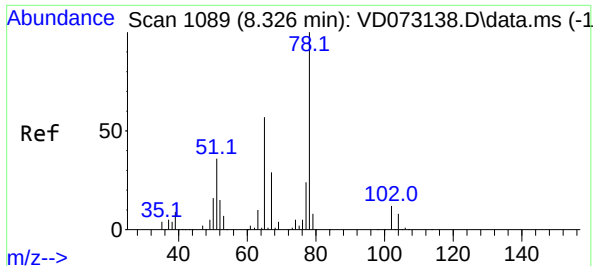
Tgt Ion: 43 Resp: 19907
Ion Ratio Lower Upper
43 100
58 30.7 22.1 33.1



#25
2-Butanone
Concen: 14.746 ug/l
RT: 7.191 min Scan# 896
Delta R.T. -0.017 min
Lab File: VD073369.D
Acq: 25 May 2022 19:18

Tgt Ion: 43 Resp: 4066
Ion Ratio Lower Upper
43 100
72 20.2 18.6 27.8

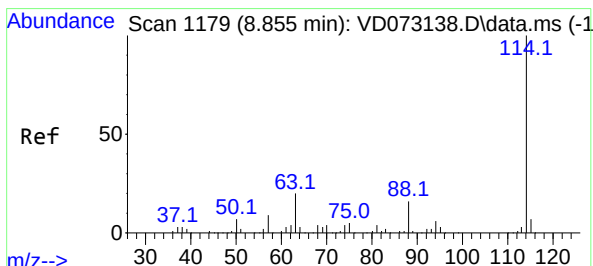
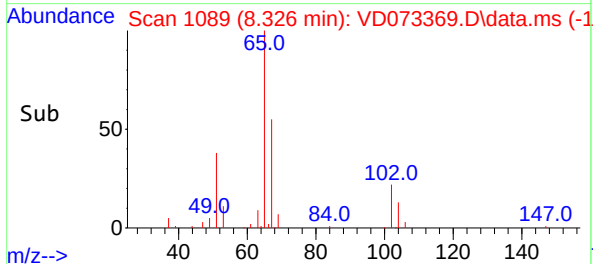
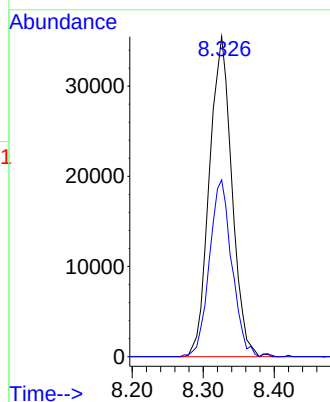
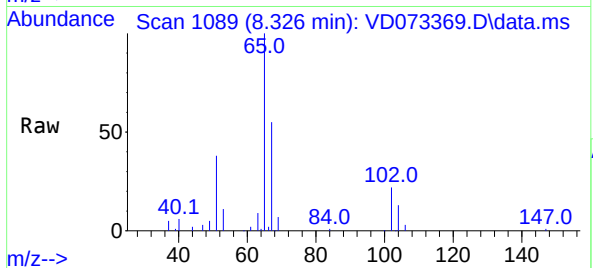




#33
1,2-Dichloroethane-d4
Concen: 71.814 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD073369.D
Acq: 25 May 2022 19:18

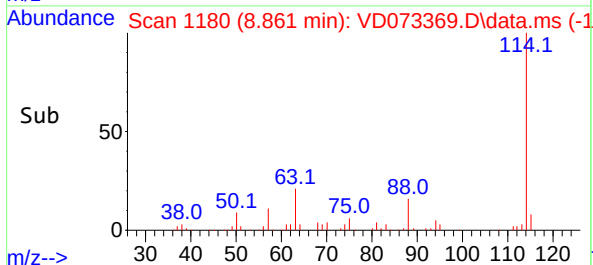
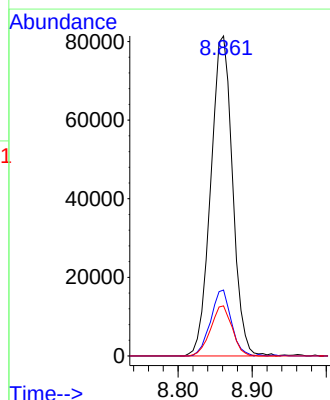
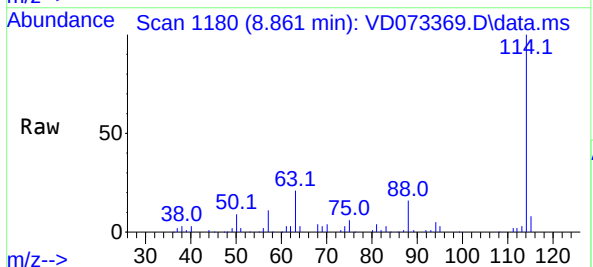
Instrument : MSVOA_D
ClientSampleId : P021-SS004-0006-01

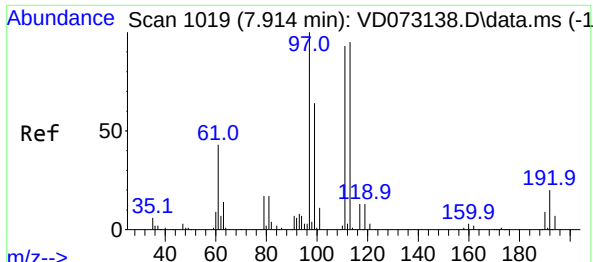
Tgt Ion: 65 Resp: 78139
Ion Ratio Lower Upper
65 100
67 54.9 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VD073369.D
Acq: 25 May 2022 19:18

Tgt Ion: 114 Resp: 166280
Ion Ratio Lower Upper
114 100
63 20.6 0.0 46.6
88 15.6 0.0 33.2

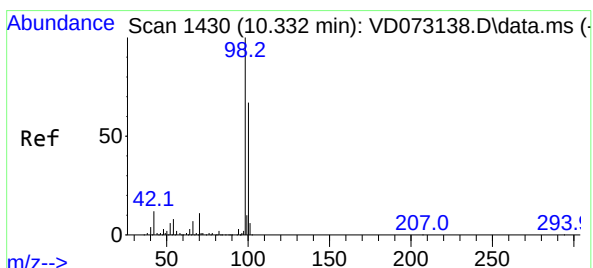
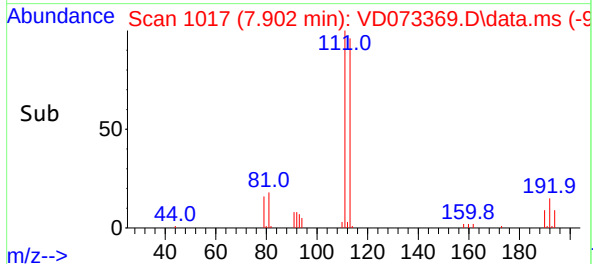
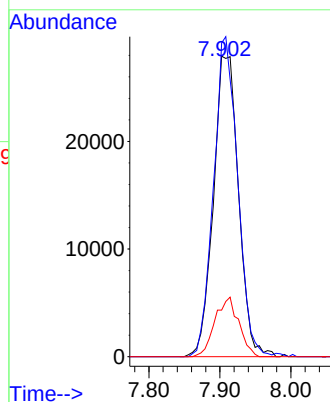
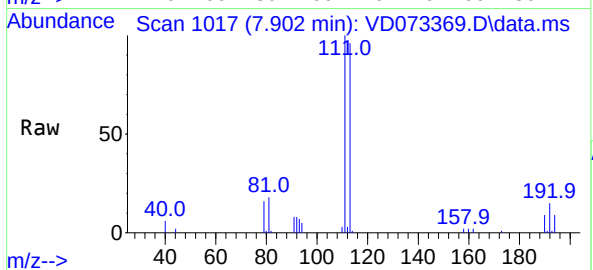




#35
Dibromofluoromethane
Concen: 62.517 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.012 min
Lab File: VD073369.D
Acq: 25 May 2022 19:18

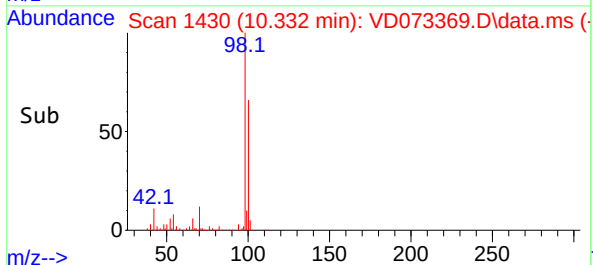
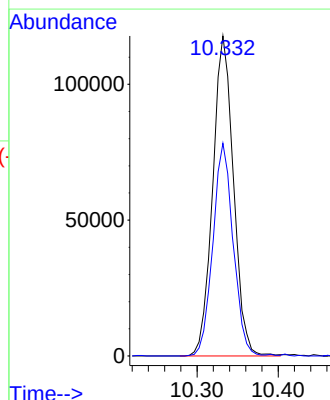
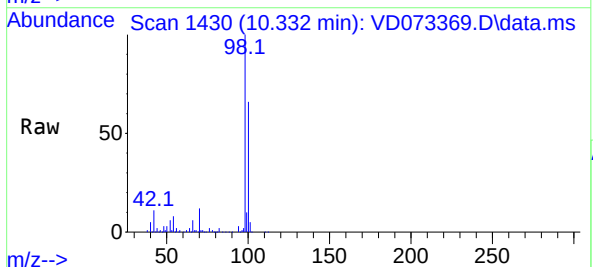
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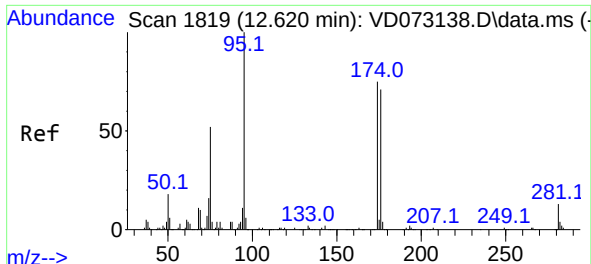
Tgt Ion:113	Resp:	68595
Ion	Ratio	Lower Upper
113	100	
111	101.8	83.8 125.6
192	18.8	14.6 21.8



#50
Toluene-d8
Concen: 51.785 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073369.D
Acq: 25 May 2022 19:18

Tgt Ion: 98	Resp:	209450
Ion	Ratio	Lower Upper
98	100	
100	64.8	52.4 78.6

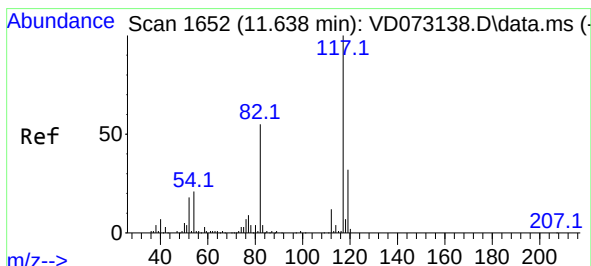
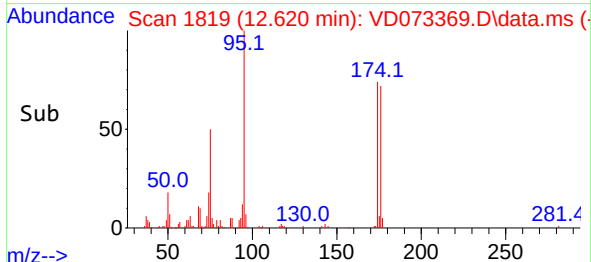
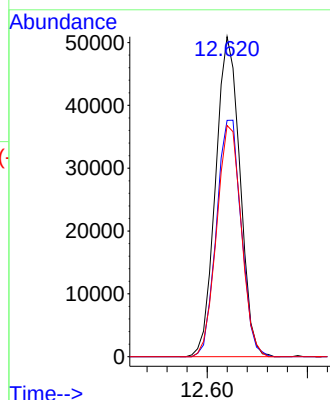
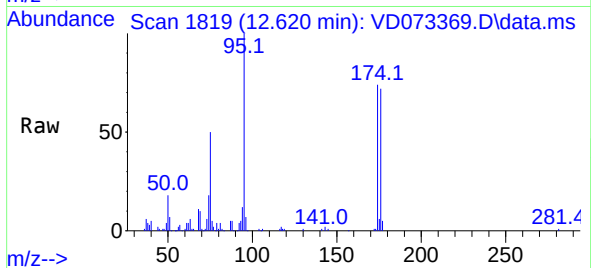




#62
4-Bromofluorobenzene
Concen: 60.437 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073369.D
Acq: 25 May 2022 19:18

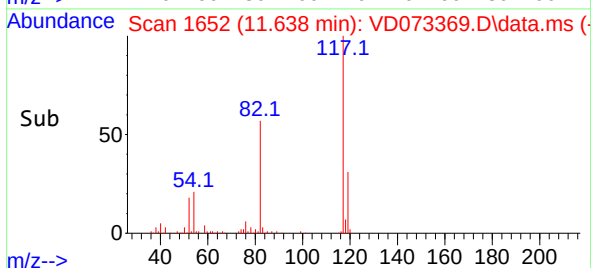
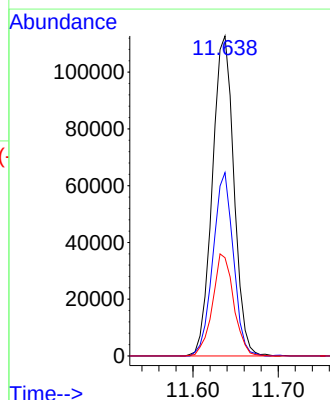
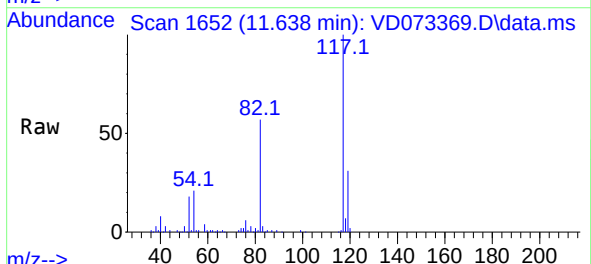
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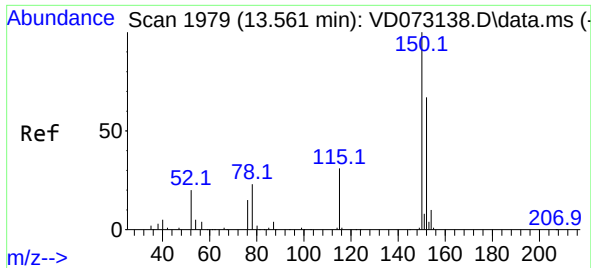
Tgt Ion:	95	Resp:	85786
Ion	Ratio	Lower	Upper
95	100		
174	75.2	0.0	152.8
176	73.1	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073369.D
Acq: 25 May 2022 19:18

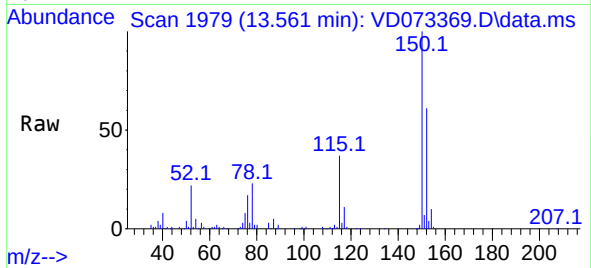
Tgt Ion:	117	Resp:	198159
Ion	Ratio	Lower	Upper
117	100		
82	57.3	45.3	67.9
119	30.7	26.6	40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073369.D
 Acq: 25 May 2022 19:18

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS004-0006-01



Tgt Ion:	152	Resp:	93561
Ion	Ratio	Lower	Upper
152	100		
115	60.0	31.3	93.8
150	160.7	0.0	348.6

