

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051922\
 Data File : VD073175.D
 Acq On : 20 May 2022 10:06
 Operator : VA/SY
 Sample : N2842-16
 Misc : 5.38G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P023-SS001-1824-01

Quant Time: May 20 13:08:05 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

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/24/2022
 Supervised By :Mahesh Dadoda 05/24/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	322592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	569826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	584188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	272429	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	178350	50.027	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.060%			
35) Dibromofluoromethane	7.909	113	189470	50.390	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.780%			
50) Toluene-d8	10.332	98	702238	50.664	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.320%			
62) 4-Bromofluorobenzene	12.620	95	266792	54.847	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.700%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.191	59	11921m	21.552	ug/l	

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

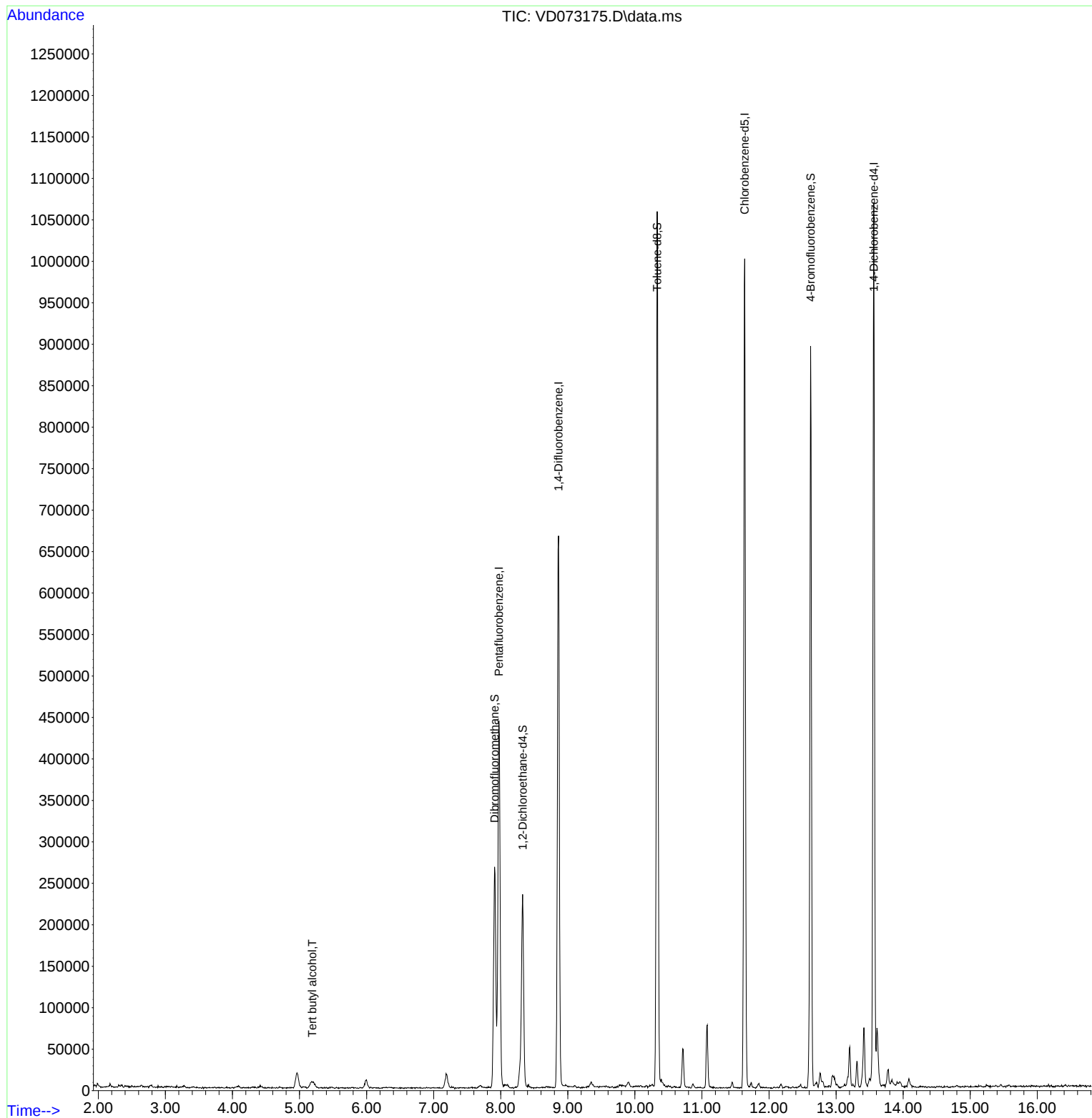
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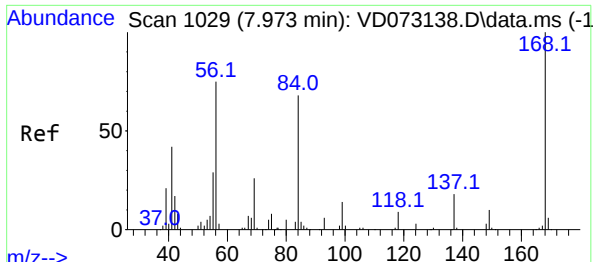
Instrument :
MSVOA_D
ClientSampleId :
P023-SS001-1824-01

Quant Time: May 20 13:08:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
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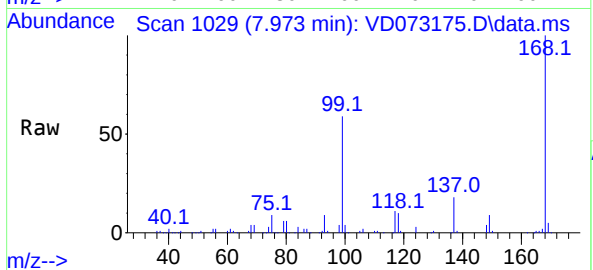
Reviewed By :Krupa Patel 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073175.D
Acq: 20 May 2022 10:06

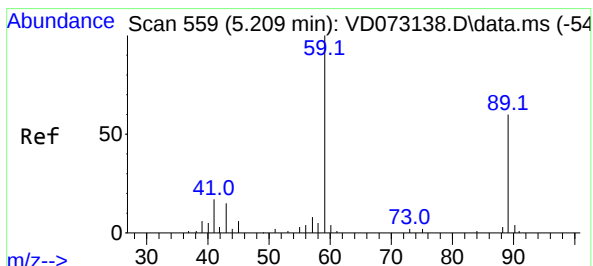
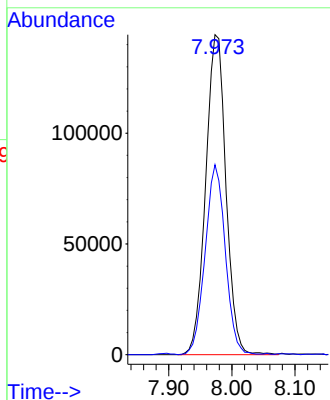
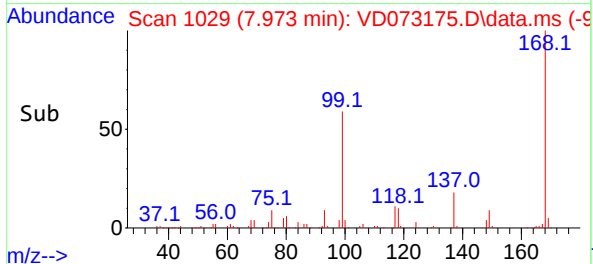
Instrument :
MSVOA_D
ClientSampleId :
P023-SS001-1824-01



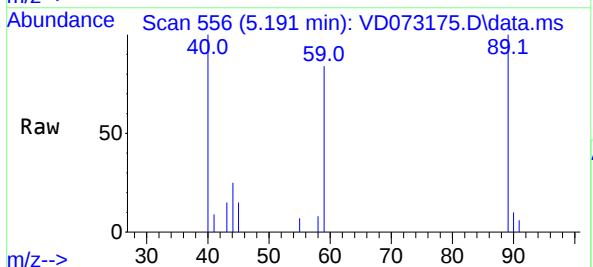
Tgt Ion:168 Resp: 322592
Ion Ratio Lower Upper
168 100
99 59.4 49.8 74.6

Manual Integrations
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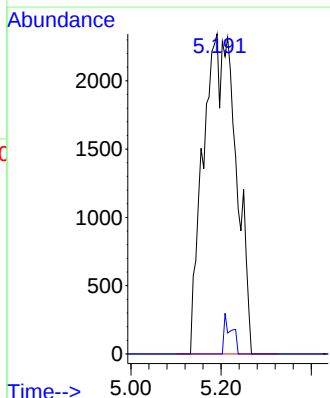
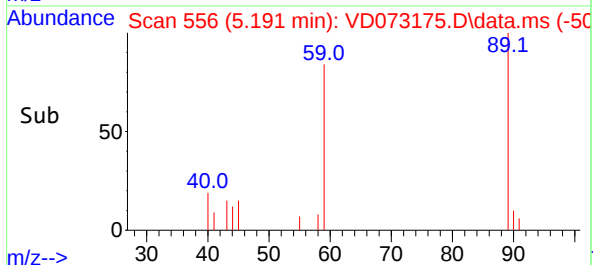
Reviewed By :Krupa Patel 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

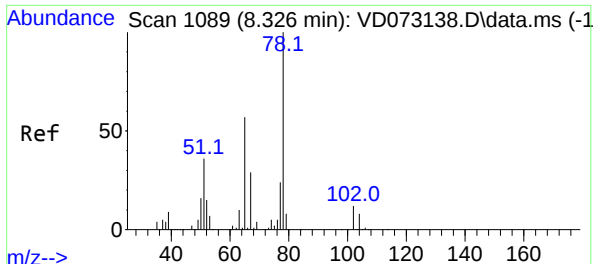


#11
Tert butyl alcohol
Concen: 21.552 ug/l m
RT: 5.191 min Scan# 556
Delta R.T. -0.018 min
Lab File: VD073175.D
Acq: 20 May 2022 10:06



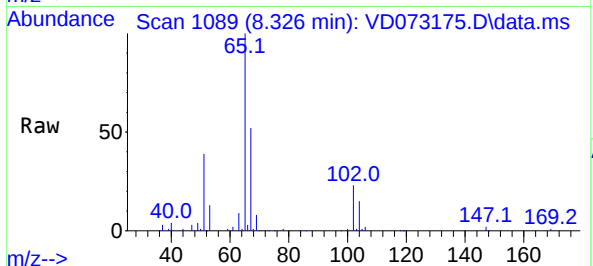
Tgt Ion: 59 Resp: 11921
Ion Ratio Lower Upper
59 100
57 2.9 7.8 11.6#





#33
1,2-Dichloroethane-d4
Concen: 50.027 ug/l
RT: 8.326 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VD073175.D
Acq: 20 May 2022 10:06

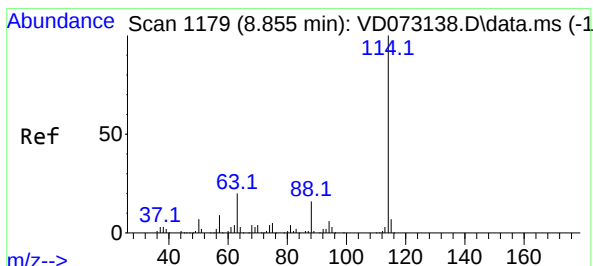
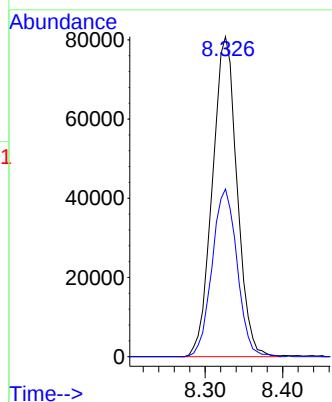
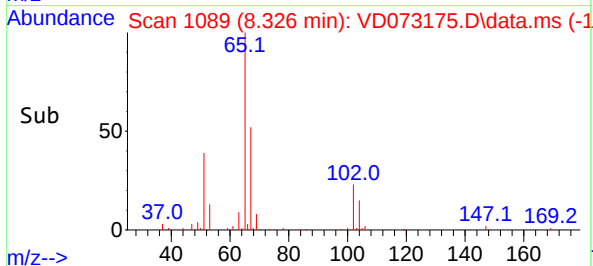
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ClientSampleId :
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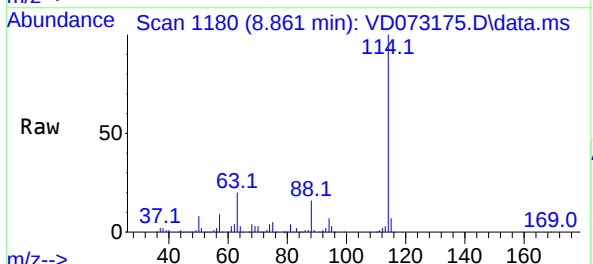
Tgt Ion: 65 Resp: 178350
Ion Ratio Lower Upper
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67 53.2 0.0 101.4

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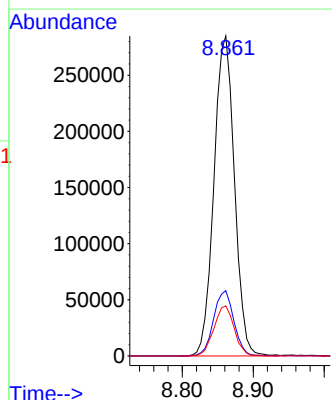
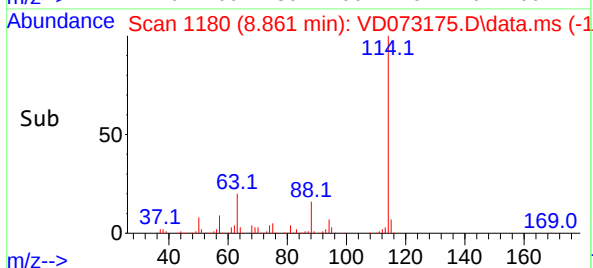
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Supervised By :Mahesh Dadoda 05/24/2022

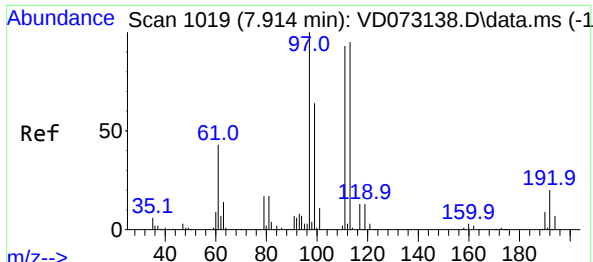


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VD073175.D
Acq: 20 May 2022 10:06



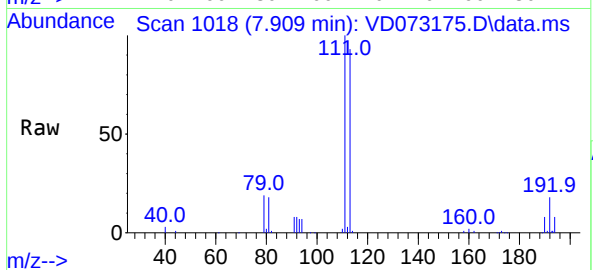
Tgt Ion:114 Resp: 569826
Ion Ratio Lower Upper
114 100
63 20.4 0.0 46.6
88 15.7 0.0 33.2





#35
Dibromofluoromethane
Concen: 50.390 ug/l
RT: 7.909 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD073175.D
Acq: 20 May 2022 10:06

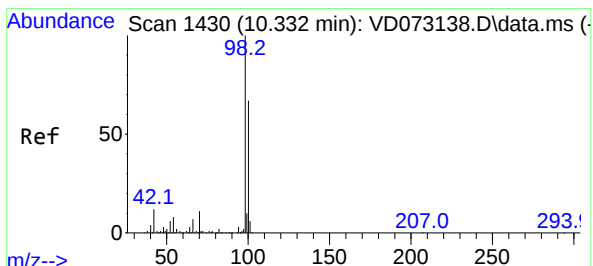
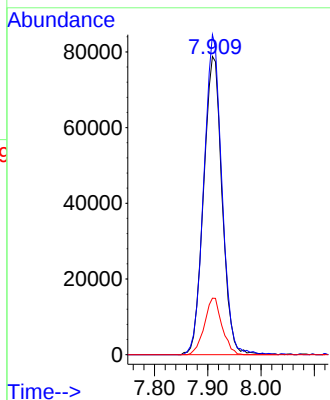
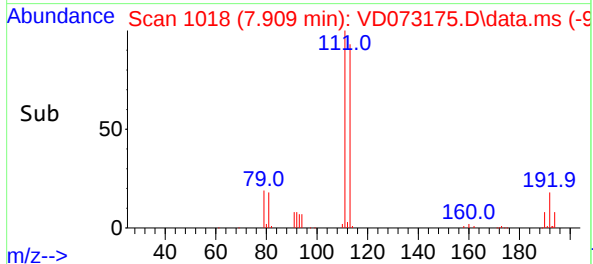
Instrument :
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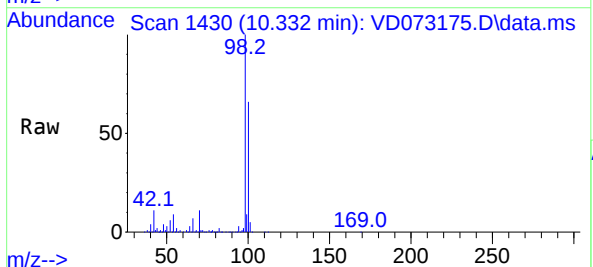
Tgt Ion:113 Resp: 189470
Ion Ratio Lower Upper
113 100
111 104.5 83.8 125.6
192 18.1 14.6 21.8

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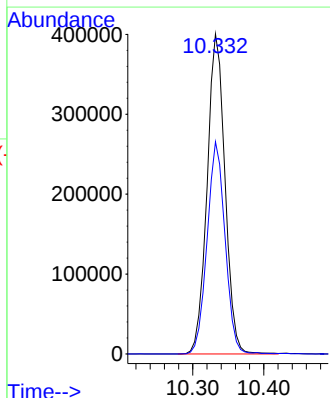
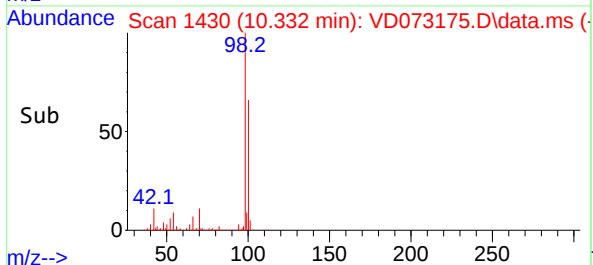
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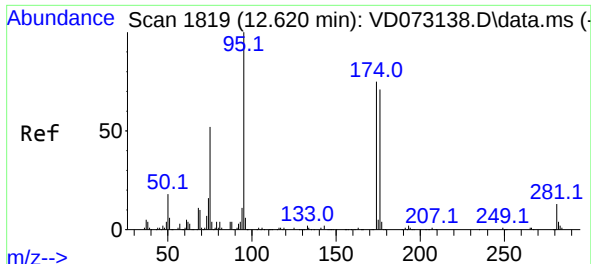


#50
Toluene-d8
Concen: 50.664 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073175.D
Acq: 20 May 2022 10:06



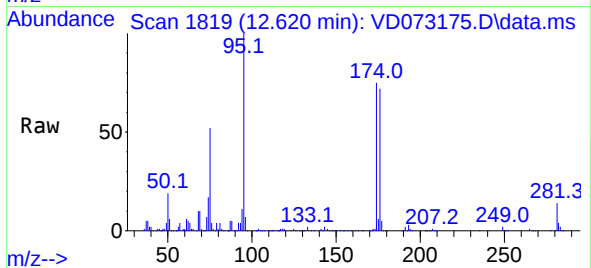
Tgt Ion: 98 Resp: 702238
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6





#62
4-Bromofluorobenzene
Concen: 54.847 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073175.D
Acq: 20 May 2022 10:06

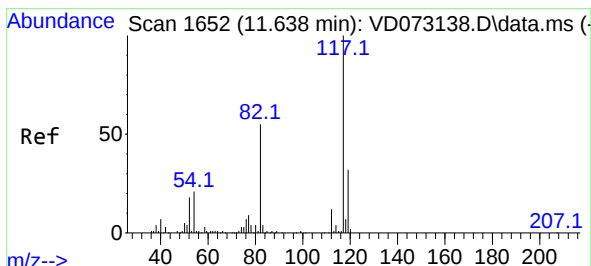
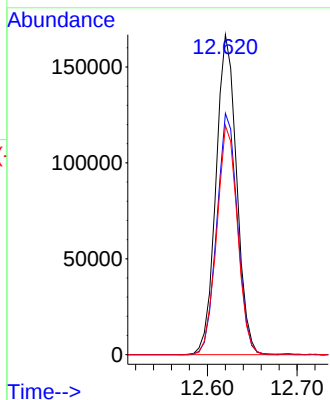
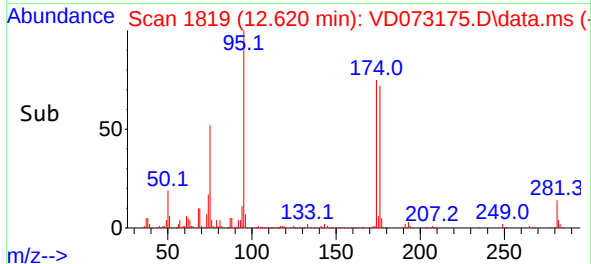
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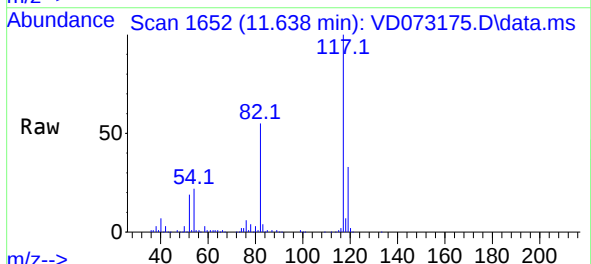
Tgt Ion: 95 Resp: 266792
Ion Ratio Lower Upper
95 100
174 75.3 0.0 152.8
176 71.9 0.0 145.4

Manual Integrations
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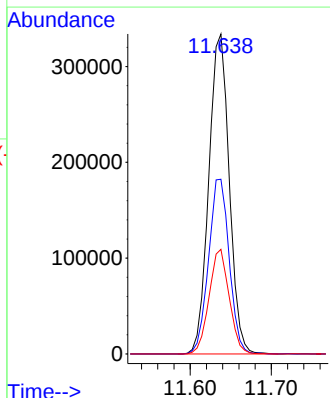
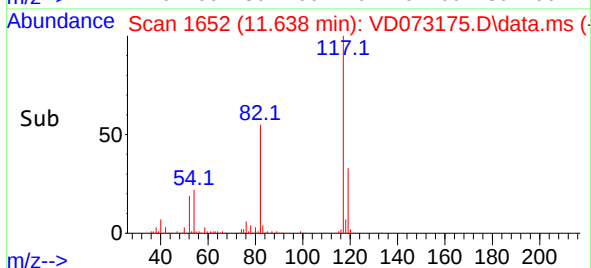
Reviewed By :Krupa Patel 05/24/2022
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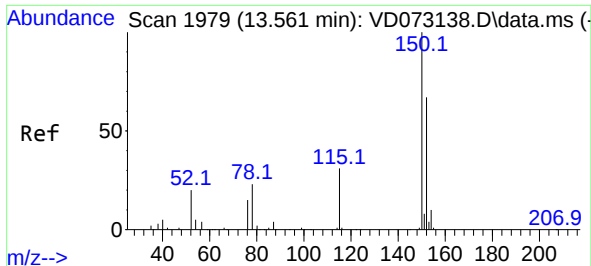


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073175.D
Acq: 20 May 2022 10:06



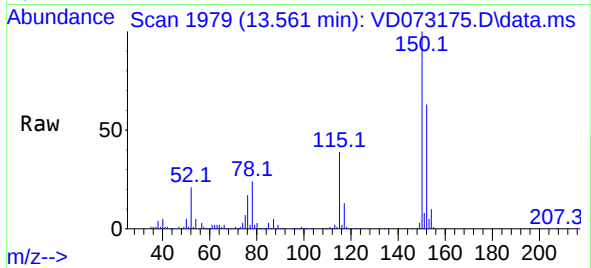
Tgt Ion:117 Resp: 584188
Ion Ratio Lower Upper
117 100
82 54.6 45.3 67.9
119 32.7 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073175.D
 Acq: 20 May 2022 10:06

Instrument : MSVOA_D
 ClientSampleId : P023-SS001-1824-01



Tgt Ion:152 Resp: 272429
 Ion Ratio Lower Upper
 152 100
 115 61.4 31.3 93.8
 150 160.1 0.0 348.6

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