

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053023\
 Data File : VU054308.D
 Acq On : 30 May 2023 12:59
 Operator : JC/MD
 Sample : 02912-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE103D1-20230523

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/01/2023
 Supervised By :Mahesh Dadoda 06/01/2023

Quant Time: May 31 06:25:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 26 06:40:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	261262	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	429290	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	410393	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	205614	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	177195	51.738	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.480%			
35) Dibromofluoromethane	5.282	113	143775	52.007	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.020%			
50) Toluene-d8	7.893	98	524090	49.840	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.680%			
62) 4-Bromofluorobenzene	10.629	95	189839	46.560	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.120%			
Target Compounds					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.575	101	16002	5.896	ug/l	94
12) 1,1-Dichloroethene	2.575	96	3593	1.279	ug/l	89
27) cis-1,2-Dichloroethene	4.668	96	5434	1.624	ug/l	88
30) Chloroform	5.079	83	1894m	0.337	ug/l	
44) Trichloroethene	6.536	130	1490110	430.392	ug/l	92
55) 1,1,2-Trichloroethane	8.398	97	841	0.257	ug/l #	78
64) Tetrachloroethene	8.549	164	10280	3.328	ug/l	98

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

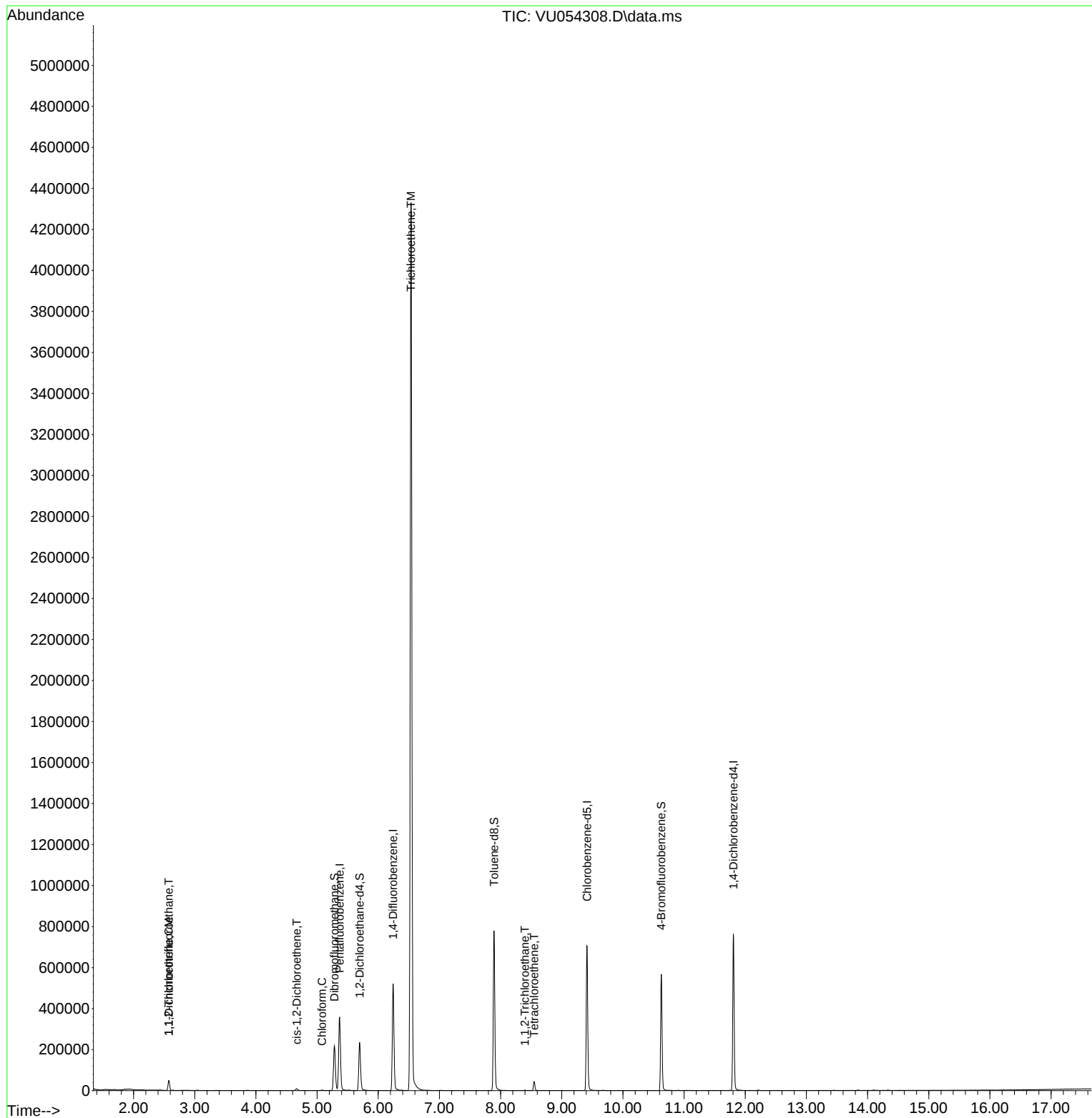
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053023\
Data File : VU054308.D
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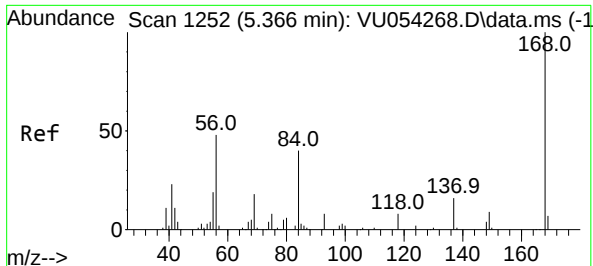
Instrument :
MSVOA_U
ClientSampleId :
RE103D1-20230523

Quant Time: May 31 06:25:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
Quant Title : SW846 8260
QLast Update : Fri May 26 06:40:51 2023
Response via : Initial Calibration

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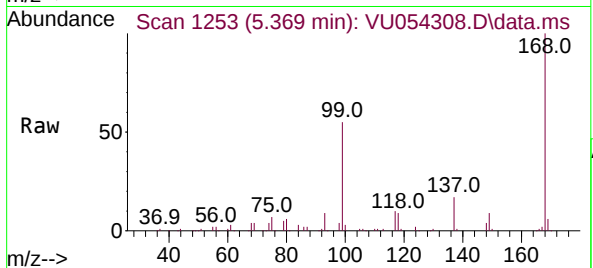
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054308.D
Acq: 30 May 2023 12:59

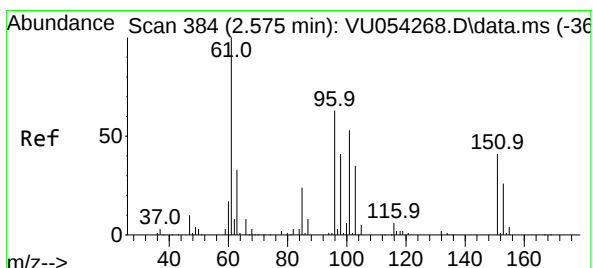
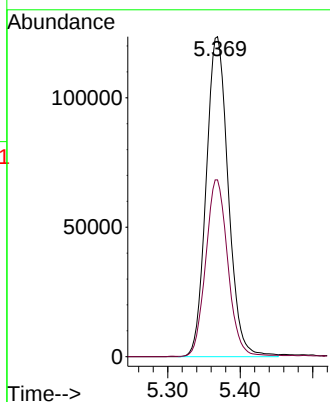
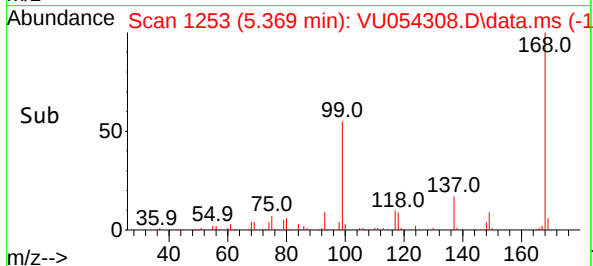
Instrument :
MSVOA_U
ClientSampleId :
RE103D1-20230523



Tgt Ion:168 Resp: 261262
Ion Ratio Lower Upper
168 100
99 55.2 39.3 58.9

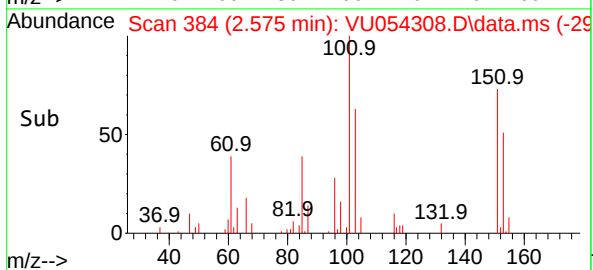
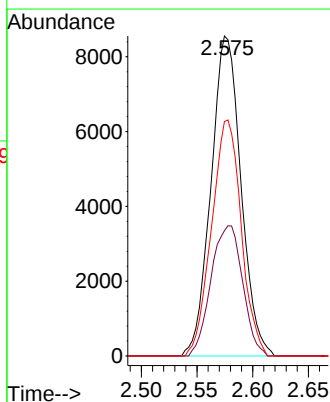
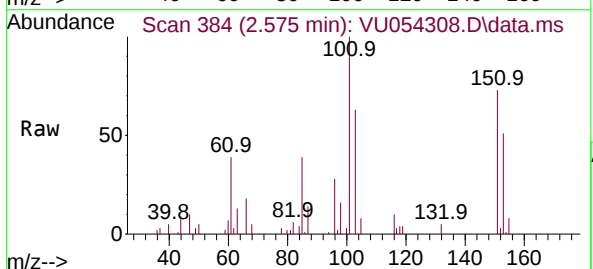
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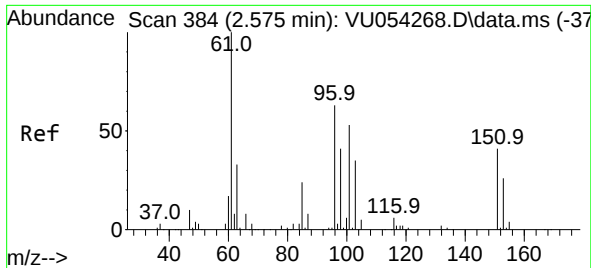
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.896 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.000 min
Lab File: VU054308.D
Acq: 30 May 2023 12:59

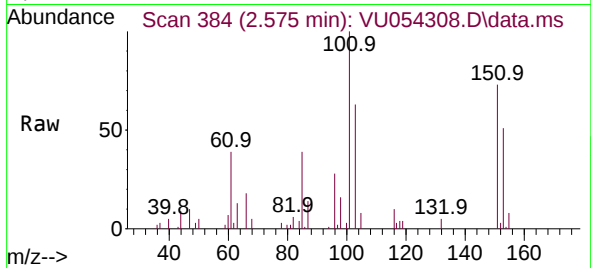
Tgt Ion:101 Resp: 16002
Ion Ratio Lower Upper
101 100
85 42.9 33.9 50.9
151 72.9 64.0 96.0





#12
1,1-Dichloroethene
Concen: 1.279 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.000 min
Lab File: VU054308.D
Acq: 30 May 2023 12:59

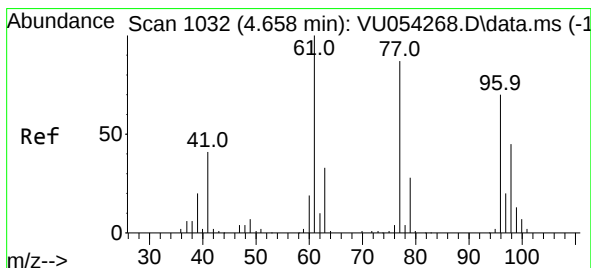
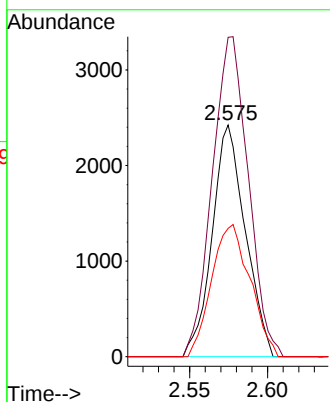
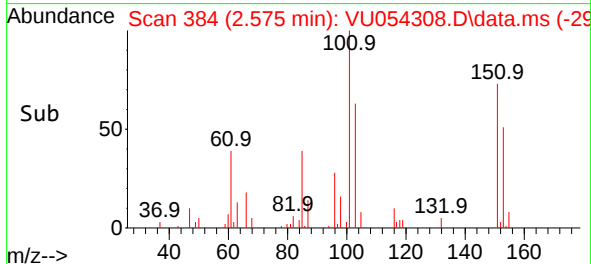
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RE103D1-20230523



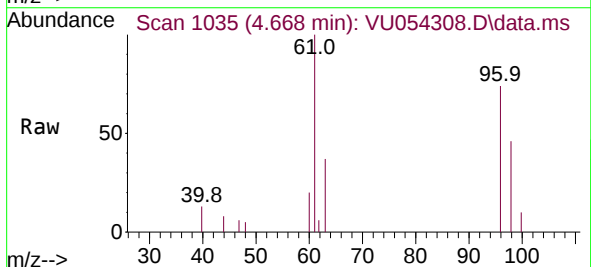
Tgt Ion: 96 Resp: 359
Ion Ratio Lower Upper
96 100
61 137.9 122.2 183.2
98 55.4 50.7 76.1

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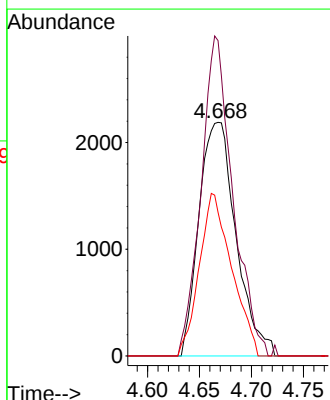
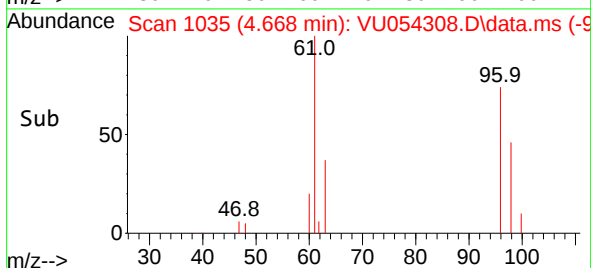
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

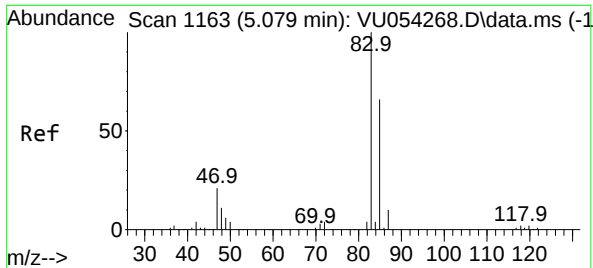


#27
cis-1,2-Dichloroethene
Concen: 1.624 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. 0.010 min
Lab File: VU054308.D
Acq: 30 May 2023 12:59



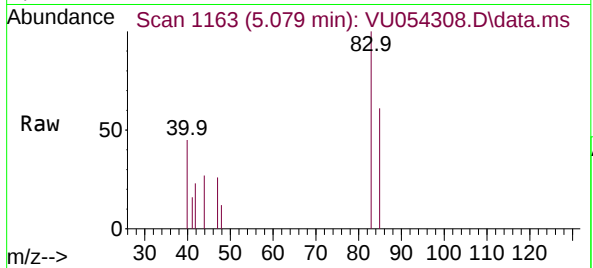
Tgt Ion: 96 Resp: 5434
Ion Ratio Lower Upper
96 100
61 117.0 0.0 271.6
98 60.7 0.0 128.2





#30
Chloroform
Concen: 0.337 ug/l m
RT: 5.079 min Scan# 1163
Delta R.T. 0.000 min
Lab File: VU054308.D
Acq: 30 May 2023 12:59

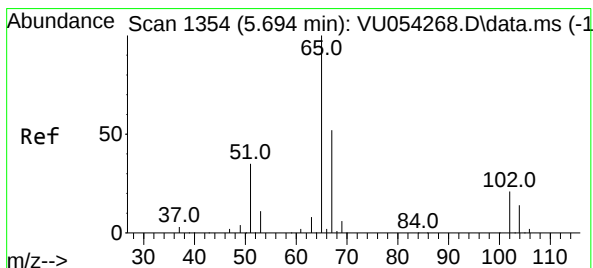
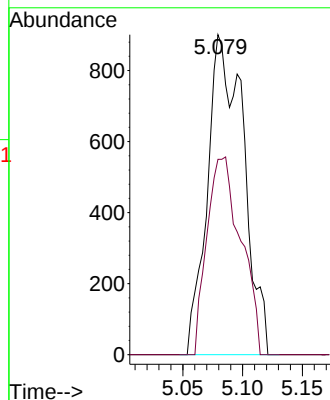
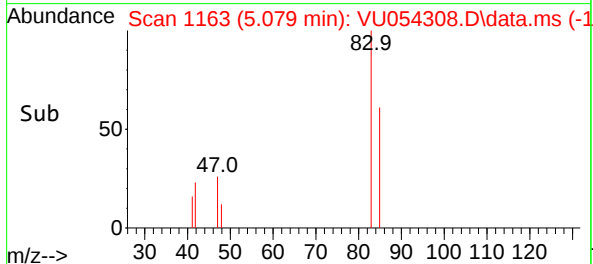
Instrument :
MSVOA_U
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RE103D1-20230523



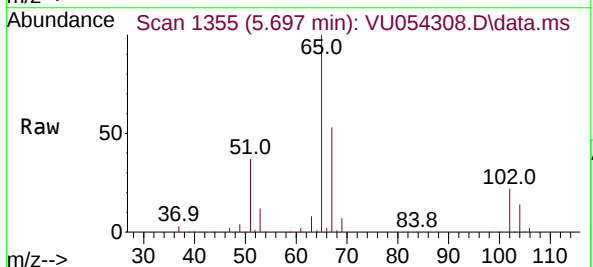
Tgt Ion: 83 Resp: 1894
Ion Ratio Lower Upper
83 100
85 61.0 51.2 76.8

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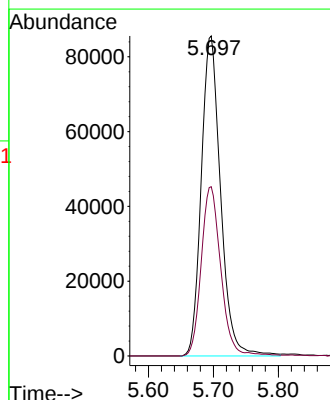
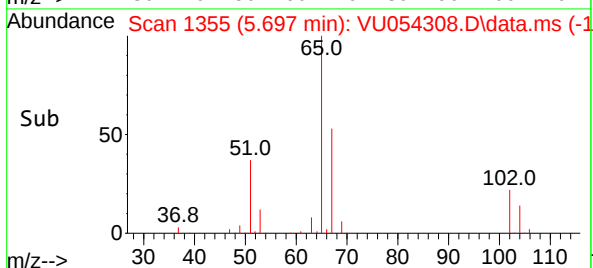
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

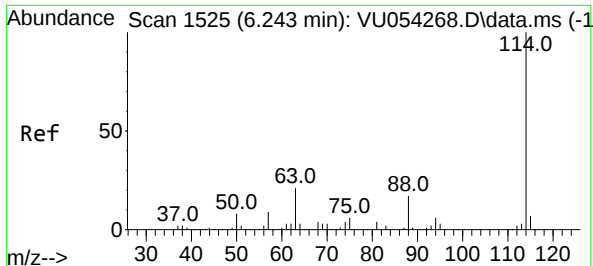


#33
1,2-Dichloroethane-d4
Concen: 51.738 ug/l
RT: 5.697 min Scan# 1355
Delta R.T. 0.003 min
Lab File: VU054308.D
Acq: 30 May 2023 12:59



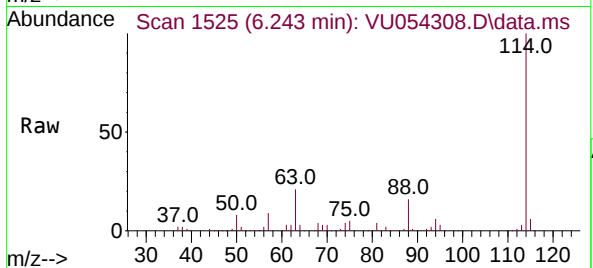
Tgt Ion: 65 Resp: 177195
Ion Ratio Lower Upper
65 100
67 53.6 0.0 108.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.243 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VU054308.D
Acq: 30 May 2023 12:59

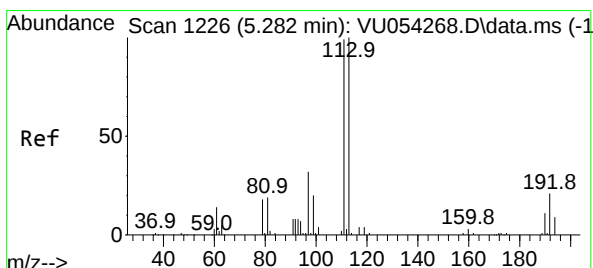
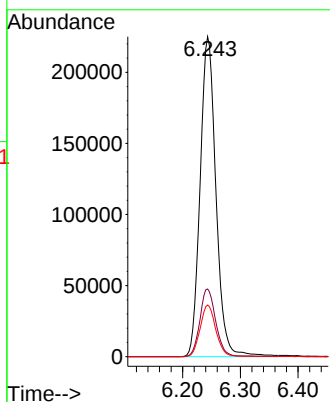
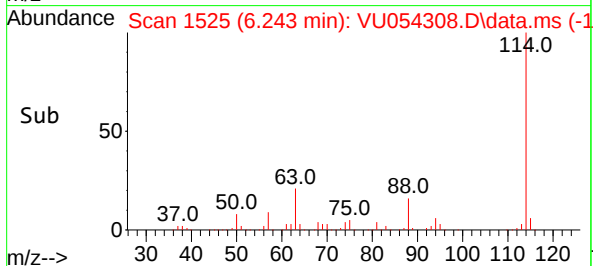
Instrument :
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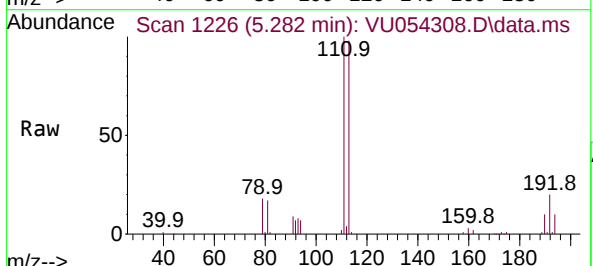
Tgt Ion:114 Resp: 429290
Ion Ratio Lower Upper
114 100
63 21.2 0.0 37.8
88 16.1 0.0 29.2

Manual Integrations
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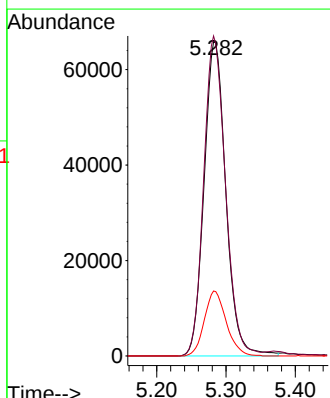
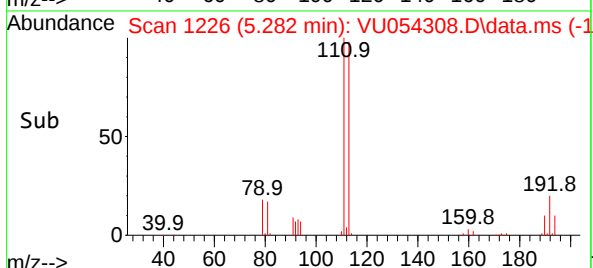
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

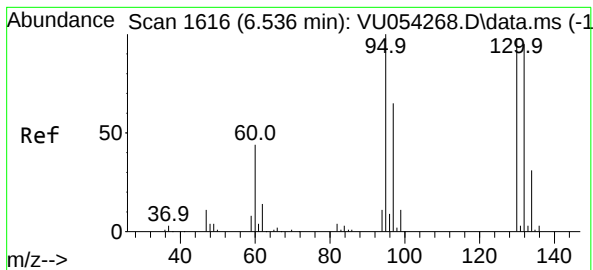


#35
Dibromofluoromethane
Concen: 52.007 ug/l
RT: 5.282 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VU054308.D
Acq: 30 May 2023 12:59



Tgt Ion:113 Resp: 143775
Ion Ratio Lower Upper
113 100
111 101.4 82.1 123.1
192 20.8 18.0 27.0





#44

Trichloroethene

Concen: 430.392 ug/l

RT: 6.536 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054308.D

Acq: 30 May 2023 12:59

Instrument :

MSVOA_U

ClientSampleId :

RE103D1-20230523

Tgt Ion:130 Resp: 1490110

Ion Ratio Lower Upper

130 100

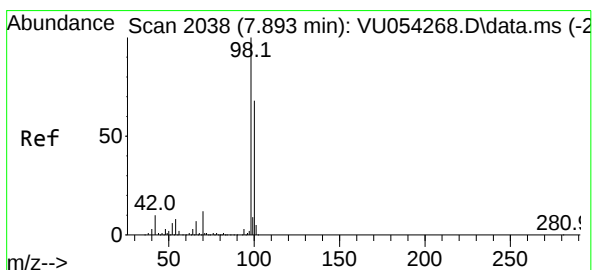
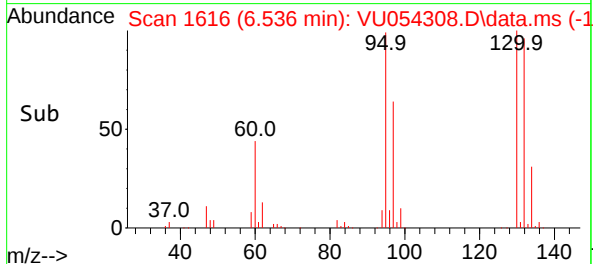
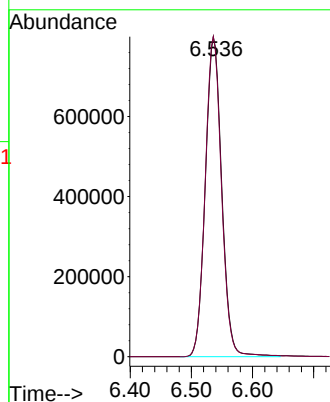
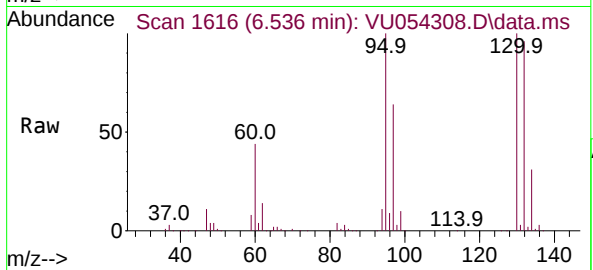
95 100.1 0.0 184.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#50

Toluene-d8

Concen: 49.840 ug/l

RT: 7.893 min Scan# 2038

Delta R.T. -0.000 min

Lab File: VU054308.D

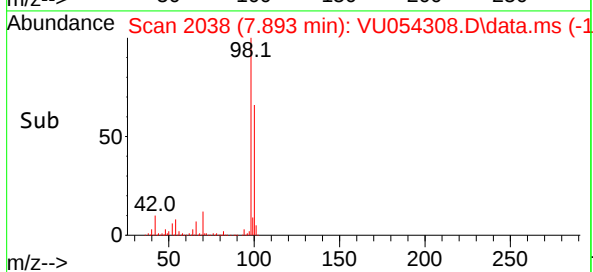
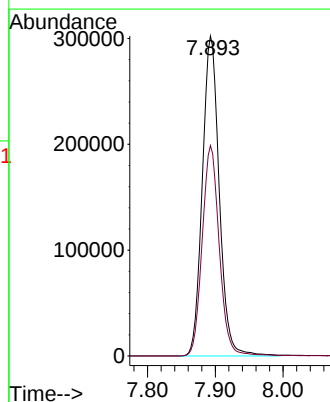
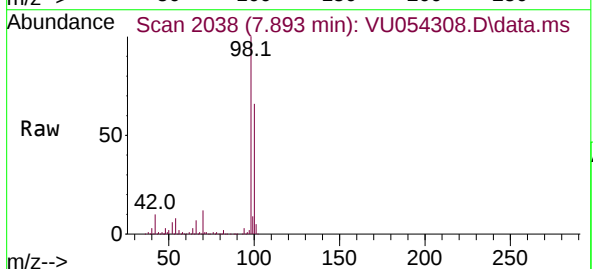
Acq: 30 May 2023 12:59

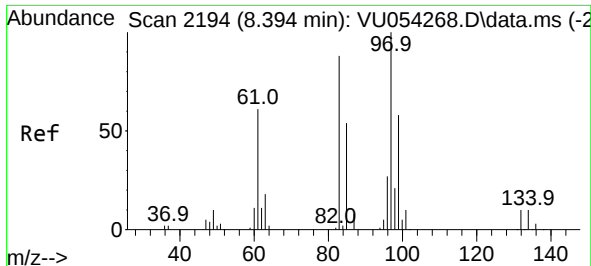
Tgt Ion: 98 Resp: 524090

Ion Ratio Lower Upper

98 100

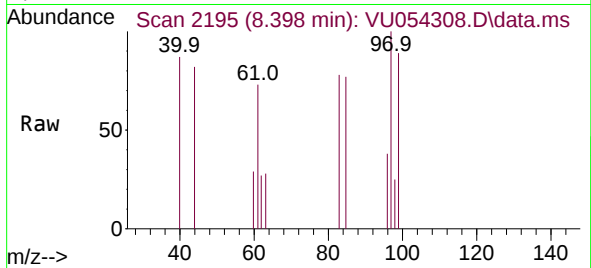
100 66.3 51.7 77.5





#55
1,1,2-Trichloroethane
Concen: 0.257 ug/l
RT: 8.398 min Scan# 2195
Delta R.T. 0.004 min
Lab File: VU054308.D
Acq: 30 May 2023 12:59

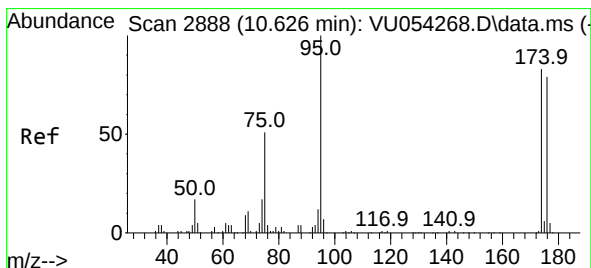
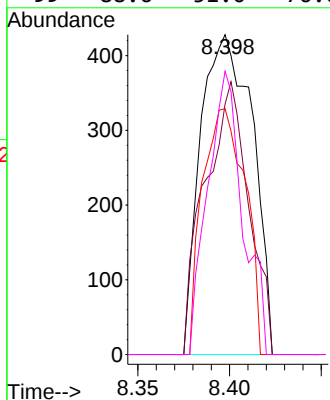
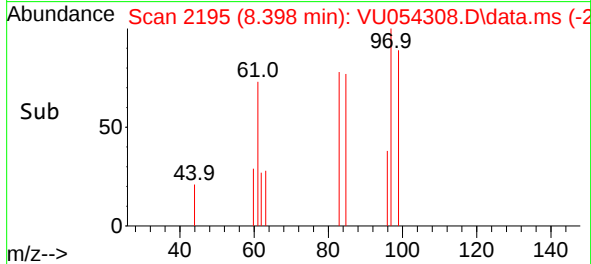
Instrument :
MSVOA_U
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Tgt Ion:	97	Resp:	84
Ion	Ratio	Lower	Upper
97	100		
83	78.3	70.2	105.4
85	76.9	44.6	66.8
99	88.6	51.0	76.6

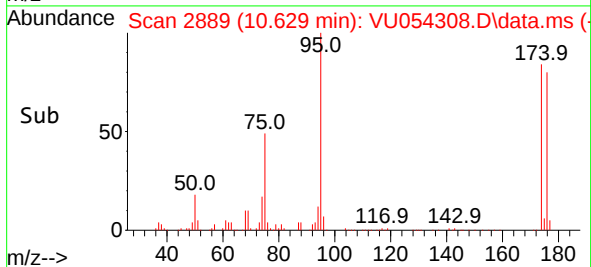
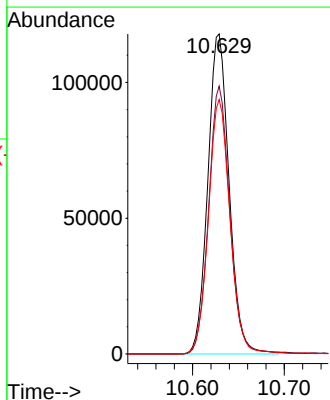
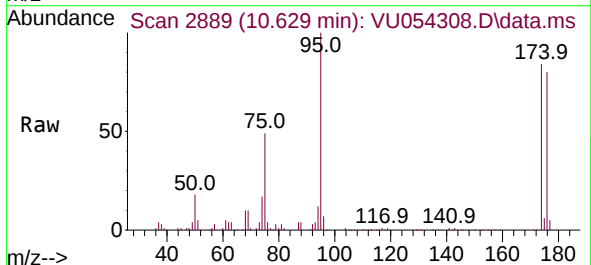
Manual Integrations
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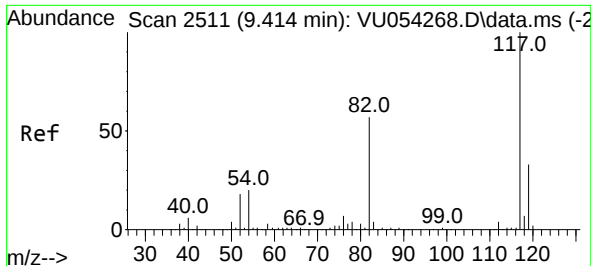
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#62
4-Bromofluorobenzene
Concen: 46.560 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.003 min
Lab File: VU054308.D
Acq: 30 May 2023 12:59

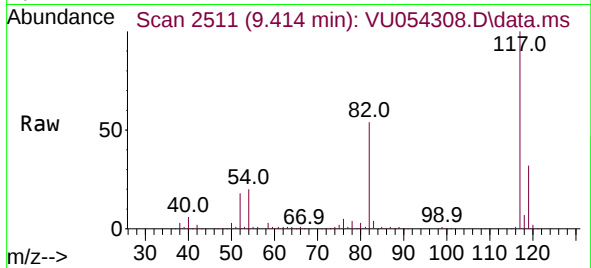
Tgt Ion:	95	Resp:	189839
Ion	Ratio	Lower	Upper
95	100		
174	83.5	0.0	182.0
176	80.7	0.0	177.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU054308.D
Acq: 30 May 2023 12:59

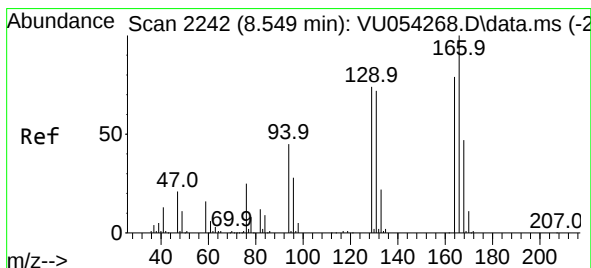
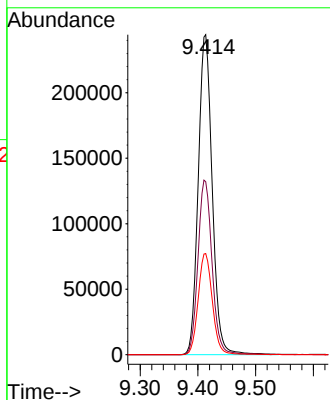
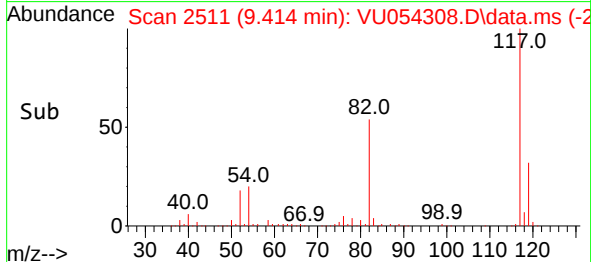
Instrument :
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Tgt Ion:117 Resp: 41039
Ion Ratio Lower Upper
117 100
82 54.1 41.7 62.5
119 31.6 25.7 38.5

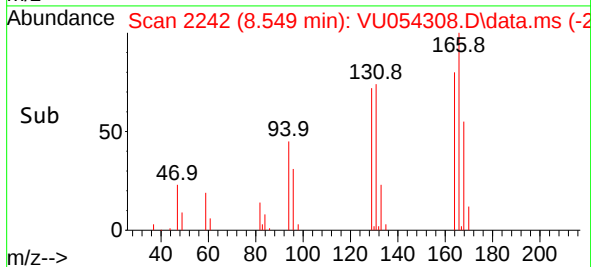
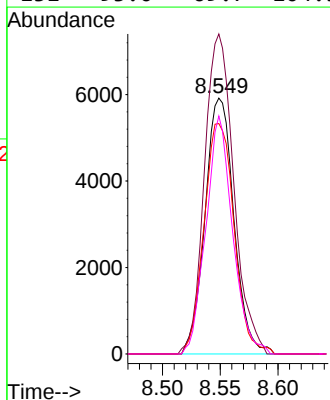
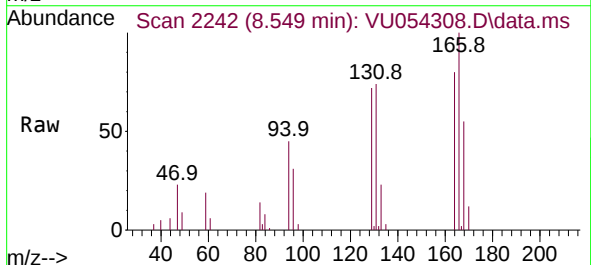
Manual Integrations
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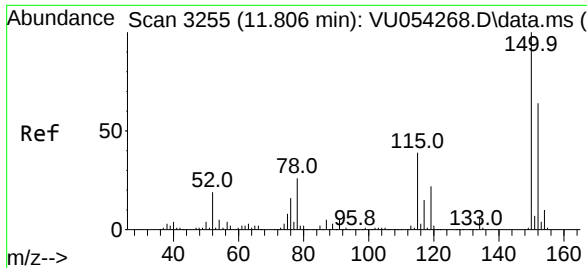
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#64
Tetrachloroethene
Concen: 3.328 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU054308.D
Acq: 30 May 2023 12:59

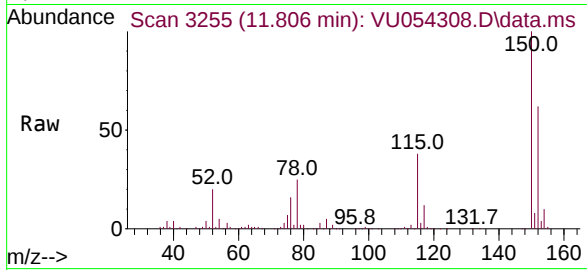
Tgt Ion:164 Resp: 10280
Ion Ratio Lower Upper
164 100
166 125.1 100.0 150.0
129 90.1 72.0 108.0
131 93.0 69.7 104.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.806 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU054308.D
 Acq: 30 May 2023 12:59

Instrument :
 MSVOA_U
 ClientSampleId :
 RE103D1-20230523



Tgt Ion:152 Resp: 205614
 Ion Ratio Lower Upper
 152 100
 115 60.0 37.0 110.9
 150 157.8 0.0 342.2

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/01/2023
 Supervised By :Mahesh Dadoda 06/01/2023

