

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052623\
 Data File : VU054294.D
 Acq On : 26 May 2023 18:36
 Operator : JC/MD
 Sample : 02936-15DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 60BR-20230524DL

Quant Time: May 30 00:05:16 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/30/2023
 Supervised By : Mahesh Dadoda 05/31/2023

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	249112	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	401625	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.411	117	382234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	189164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	166487	50.982	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.960%			
35) Dibromofluoromethane	5.282	113	138235	53.447	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.900%			
50) Toluene-d8	7.893	98	503958	51.227	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.460%			
62) 4-Bromofluorobenzene	10.629	95	175556	46.023	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.040%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	886	0.319	ug/l	78
16) Acetone	2.620	43	2163m	1.156	ug/l	
20) Methylene Chloride	3.051	84	2328	0.689	ug/l	96
27) cis-1,2-Dichloroethene	4.665	96	46241	14.490	ug/l	95
44) Trichloroethene	6.536	130	181282	55.967	ug/l	92

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

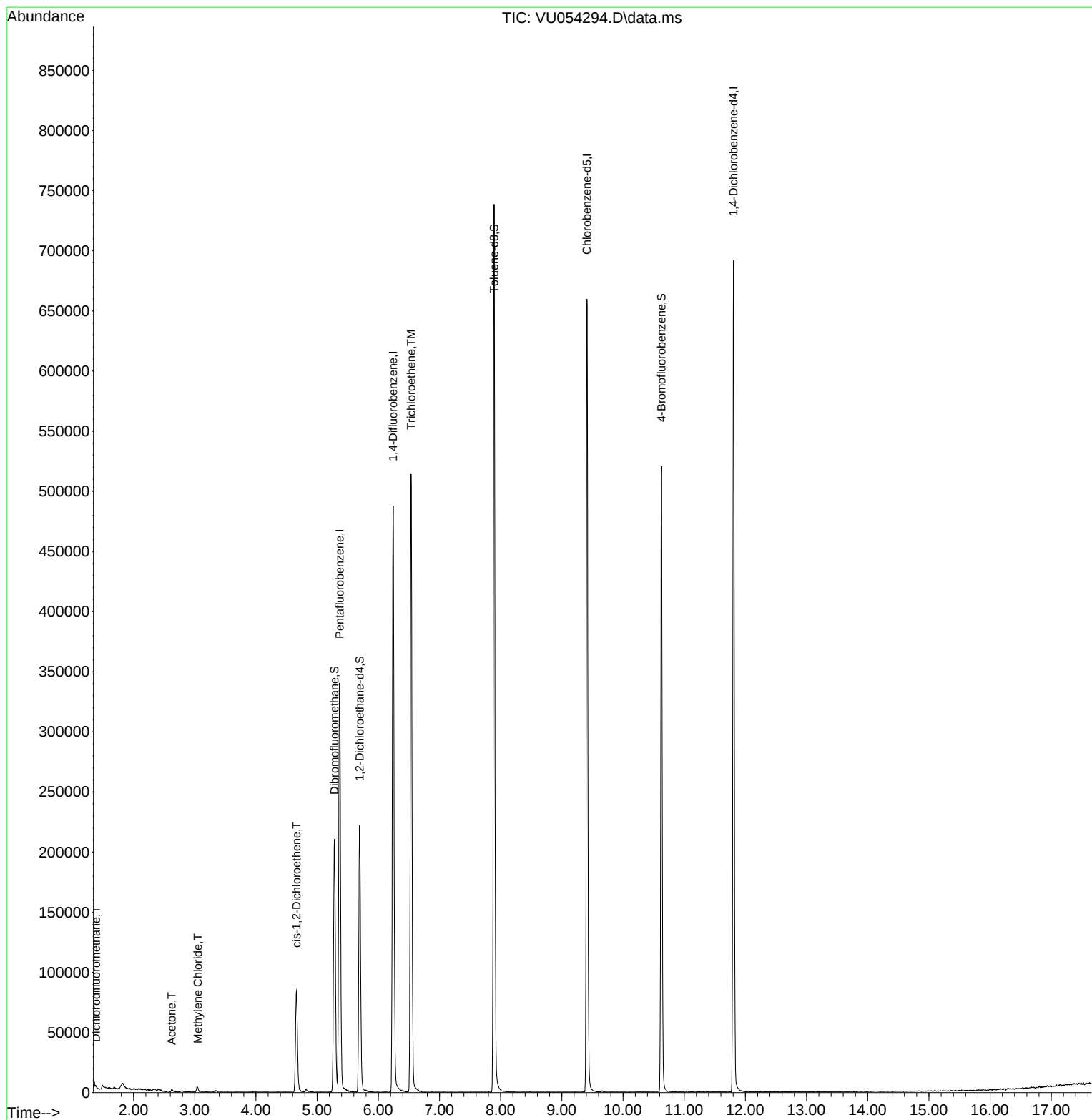
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052623\
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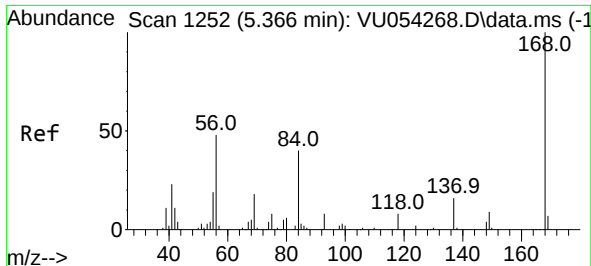
Instrument :
MSVOA_U
ClientSampleId :
60BR-20230524DL

Quant Time: May 30 00:05:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
Quant Title : SW846 8260
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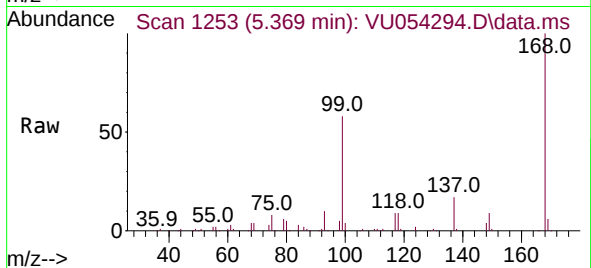
Reviewed By : John Carlone 05/30/2023
Supervised By : Mahesh Dadoda 05/31/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054294.D
Acq: 26 May 2023 18:36

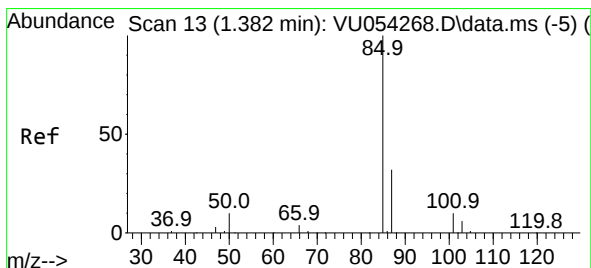
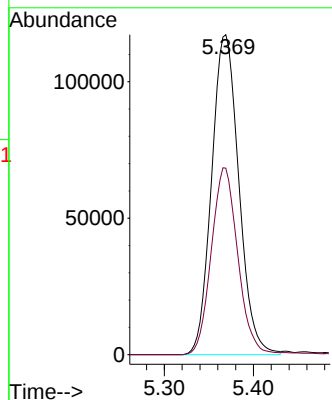
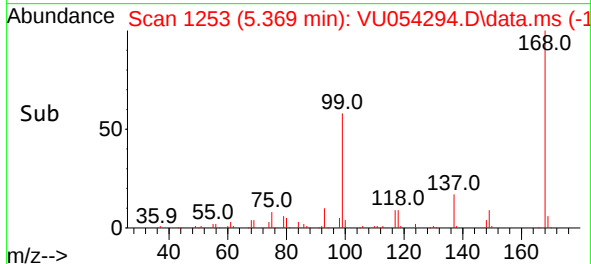
Instrument :
MSVOA_U
ClientSampleId :
60BR-20230524DL



Tgt Ion:168 Resp: 24911
Ion Ratio Lower Upper
168 100
99 58.3 39.3 58.9

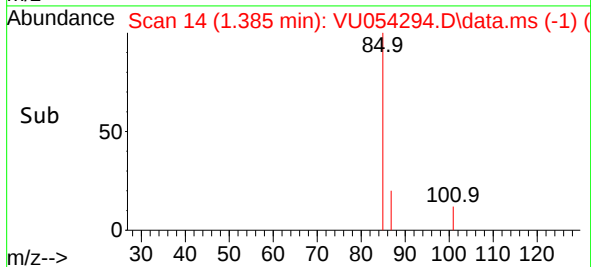
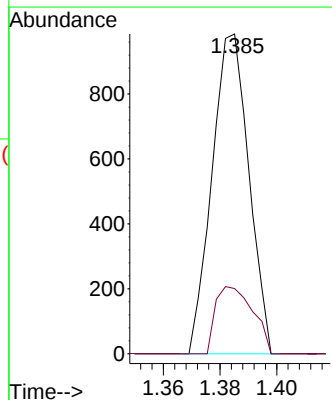
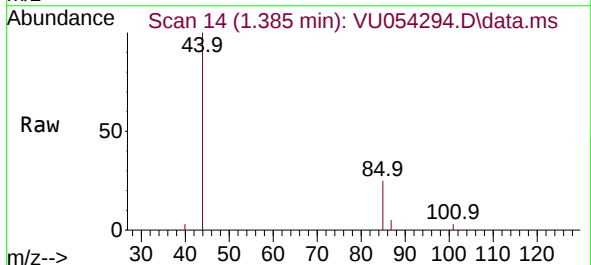
Manual Integrations
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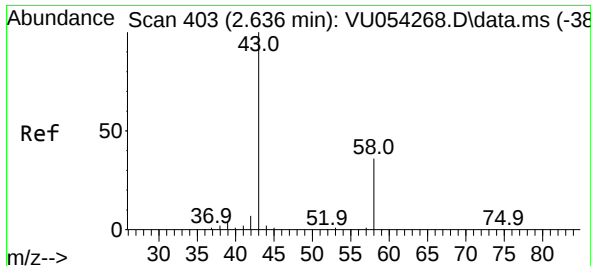
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#2
Dichlorodifluoromethane
Concen: 0.319 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU054294.D
Acq: 26 May 2023 18:36

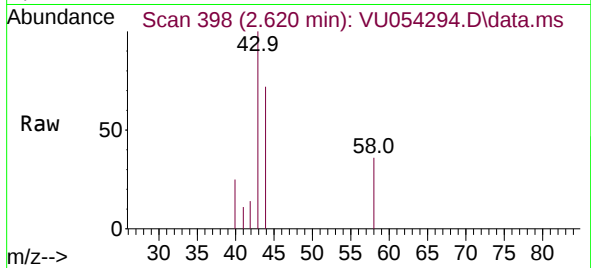
Tgt Ion: 85 Resp: 886
Ion Ratio Lower Upper
85 100
87 20.4 16.4 49.2





#16
Acetone
Concen: 1.156 ug/l m
RT: 2.620 min Scan# 398
Delta R.T. -0.016 min
Lab File: VU054294.D
Acq: 26 May 2023 18:36

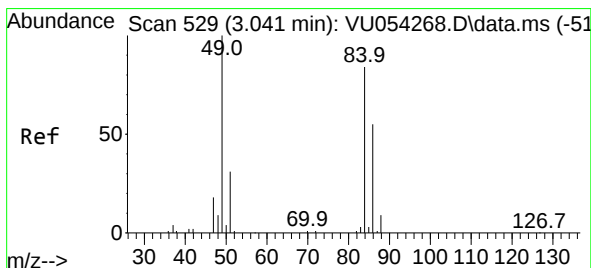
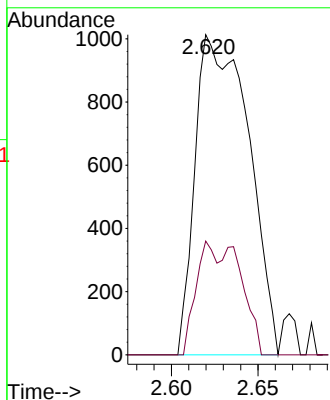
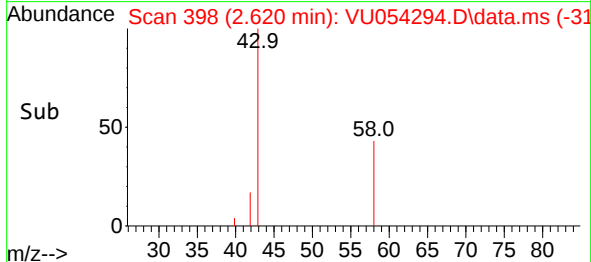
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60BR-20230524DL



Tgt Ion: 43 Resp: 216
Ion Ratio Lower Upper
43 100
58 35.5 27.5 41.3

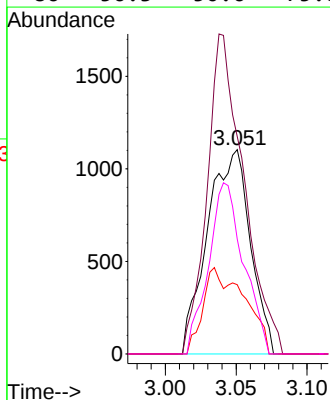
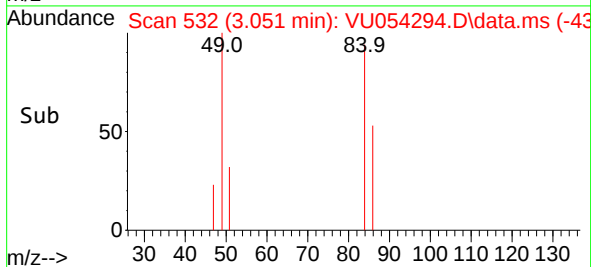
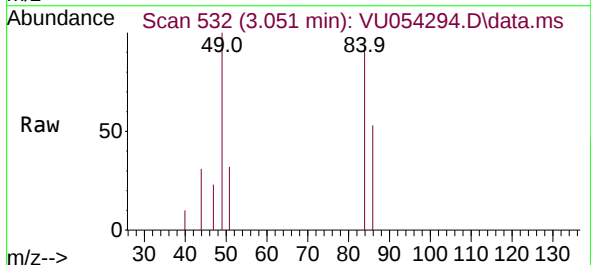
Manual Integrations
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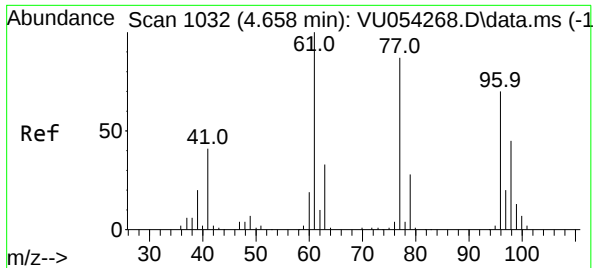
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#20
Methylene Chloride
Concen: 0.689 ug/l
RT: 3.051 min Scan# 532
Delta R.T. 0.010 min
Lab File: VU054294.D
Acq: 26 May 2023 18:36

Tgt Ion: 84 Resp: 2328
Ion Ratio Lower Upper
84 100
49 106.4 86.6 129.8
51 33.9 26.6 40.0
86 56.3 50.6 75.8





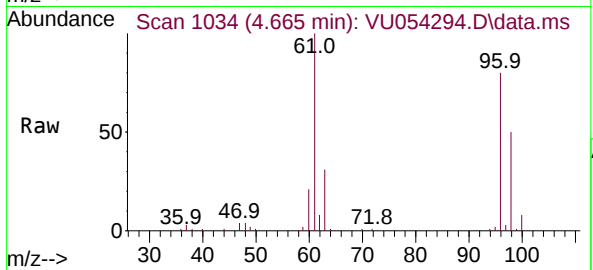
#27
 cis-1,2-Dichloroethene
 Concen: 14.490 ug/l
 RT: 4.665 min Scan# 1032
 Delta R.T. 0.007 min
 Lab File: VU054294.D
 Acq: 26 May 2023 18:36

Instrument :

MSVOA_U

ClientSampleId :

60BR-20230524DL



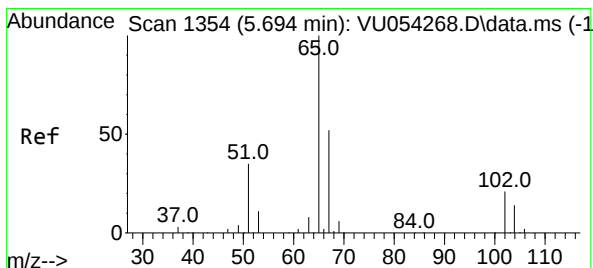
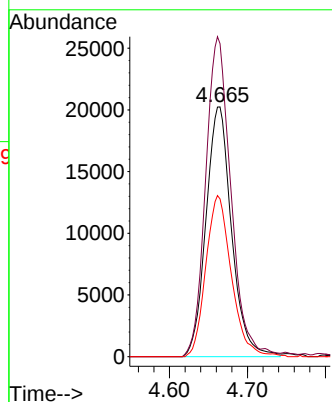
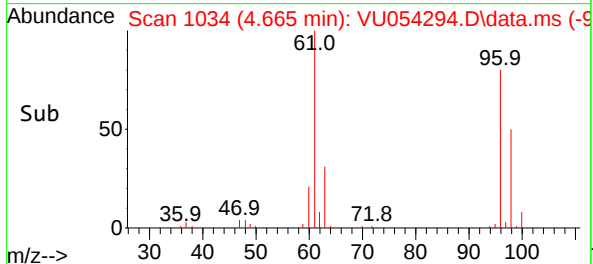
Tgt Ion: 96 Resp: 4624
 Ion Ratio Lower Upper
 96 100
 61 126.3 0.0 271.6
 98 64.3 0.0 128.2

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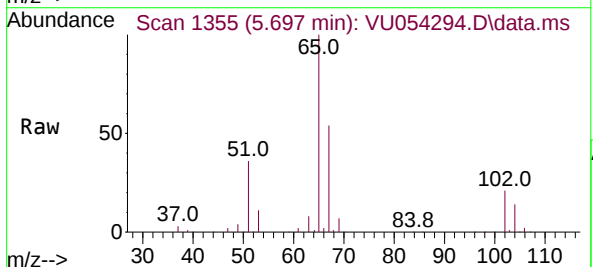
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Reviewed By :John Carlone 05/30/2023

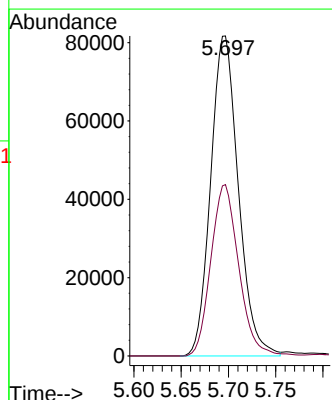
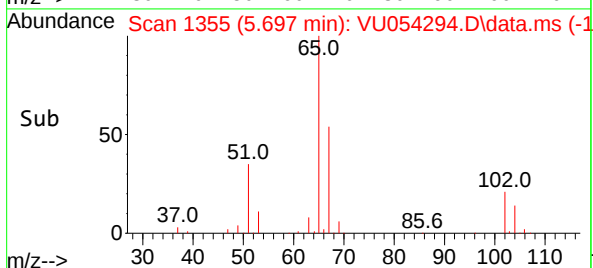
Supervised By :Mahesh Dadoda 05/31/2023

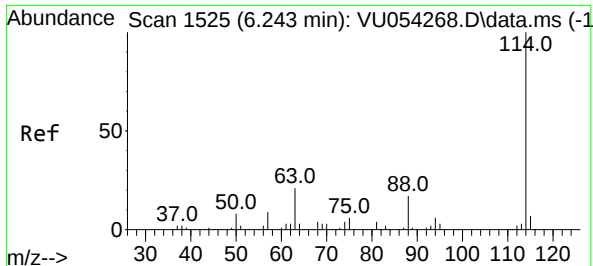


#33
 1,2-Dichloroethane-d4
 Concen: 50.982 ug/l
 RT: 5.697 min Scan# 1355
 Delta R.T. 0.003 min
 Lab File: VU054294.D
 Acq: 26 May 2023 18:36



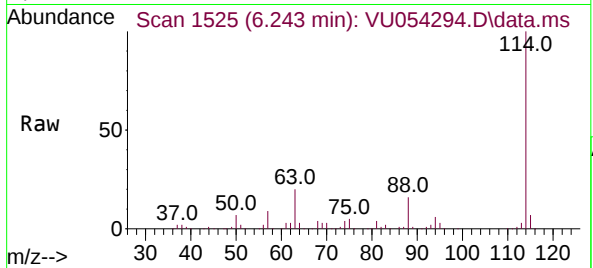
Tgt Ion: 65 Resp: 166487
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 108.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.243 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VU054294.D
Acq: 26 May 2023 18:36

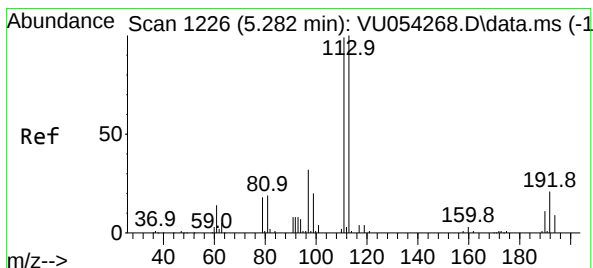
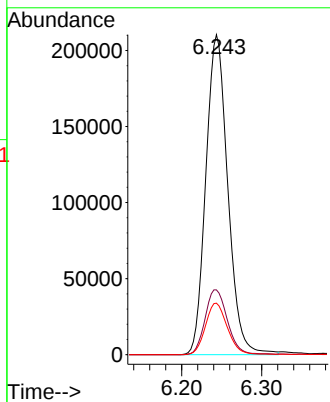
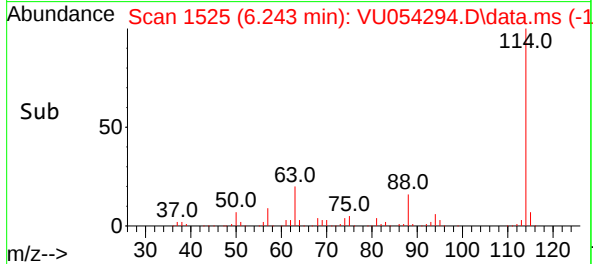
Instrument :
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ClientSampleId :
60BR-20230524DL



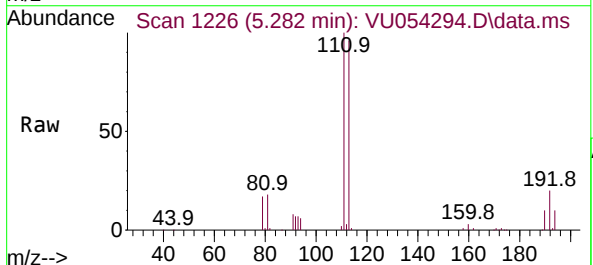
Tgt Ion:114 Resp: 401625
Ion Ratio Lower Upper
114 100
63 20.3 0.0 37.8
88 16.1 0.0 29.2

Manual Integrations
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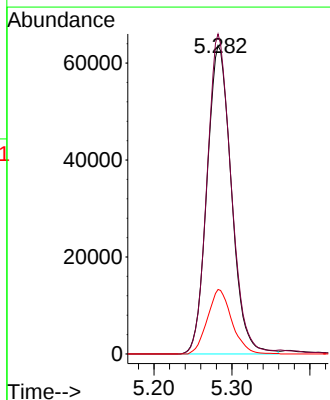
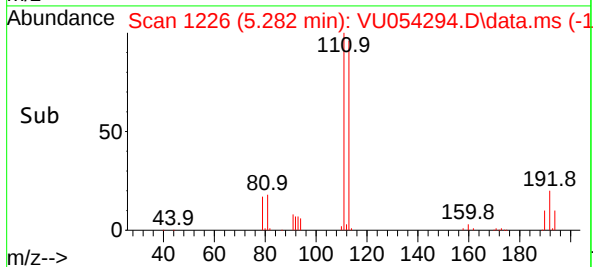
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023

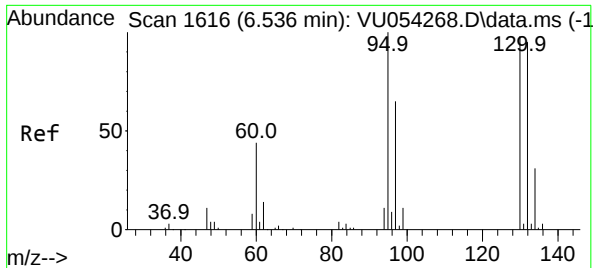


#35
Dibromofluoromethane
Concen: 53.447 ug/l
RT: 5.282 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VU054294.D
Acq: 26 May 2023 18:36



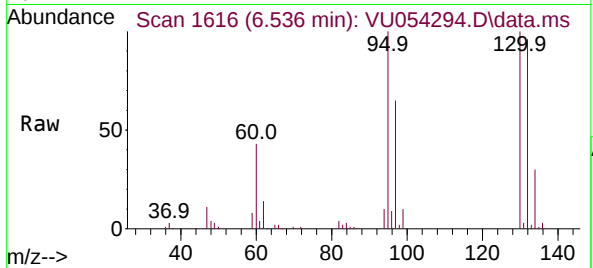
Tgt Ion:113 Resp: 138235
Ion Ratio Lower Upper
113 100
111 102.1 82.1 123.1
192 21.0 18.0 27.0





#44
Trichloroethene
Concen: 55.967 ug/l
RT: 6.536 min Scan# 1616
Delta R.T. 0.000 min
Lab File: VU054294.D
Acq: 26 May 2023 18:36

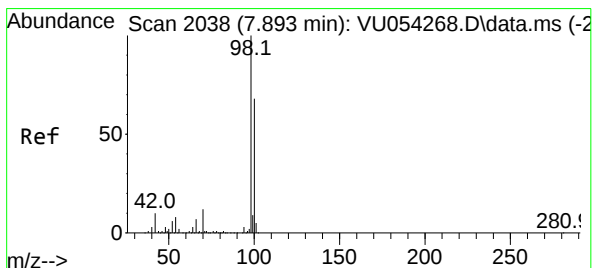
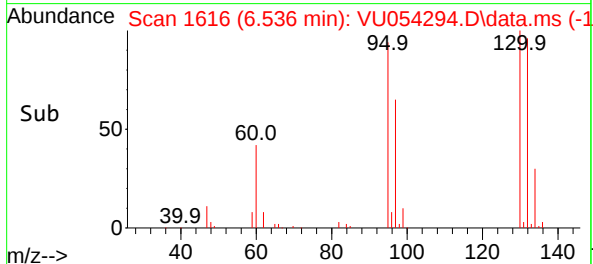
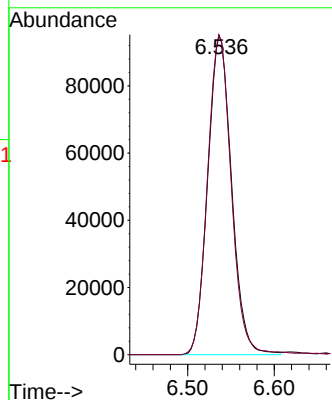
Instrument :
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60BR-20230524DL



Tgt Ion:130 Resp: 18128
Ion Ratio Lower Upper
130 100
95 100.2 0.0 184.6

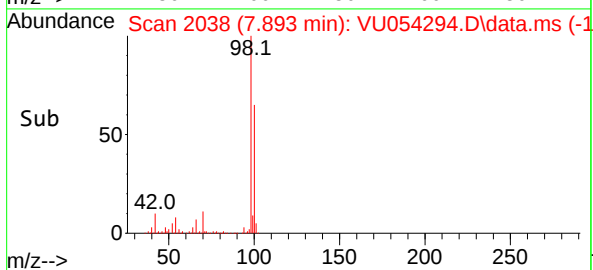
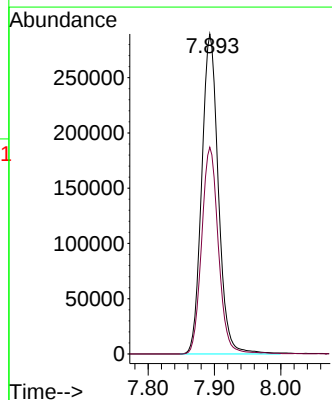
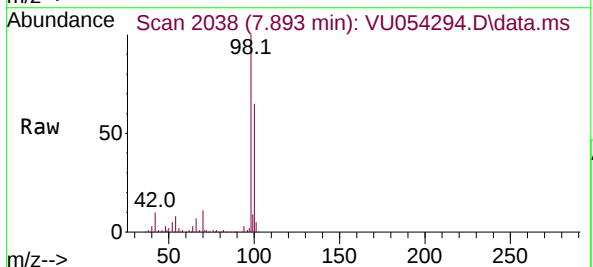
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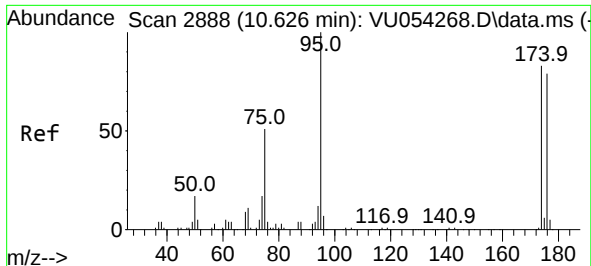
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#50
Toluene-d8
Concen: 51.227 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054294.D
Acq: 26 May 2023 18:36

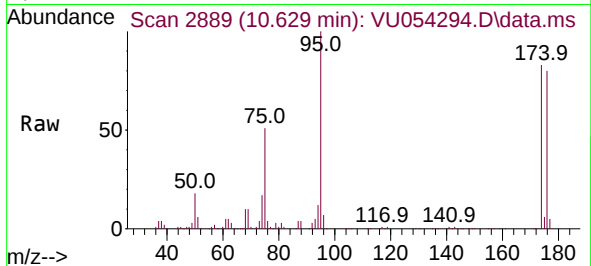
Tgt Ion: 98 Resp: 503958
Ion Ratio Lower Upper
98 100
100 65.2 51.7 77.5





#62
4-Bromofluorobenzene
Concen: 46.023 ug/l
RT: 10.629 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU054294.D
Acq: 26 May 2023 18:36

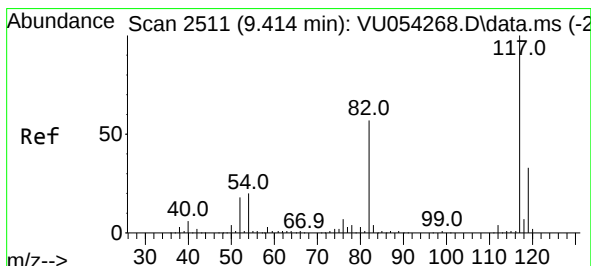
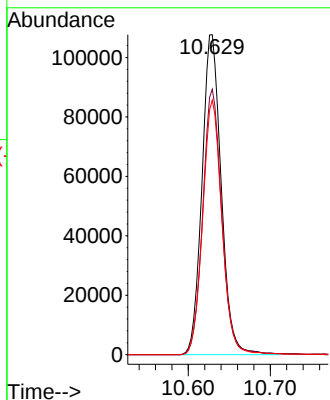
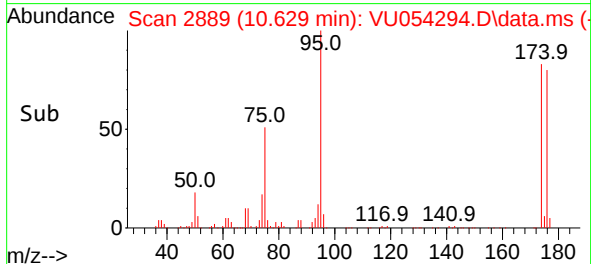
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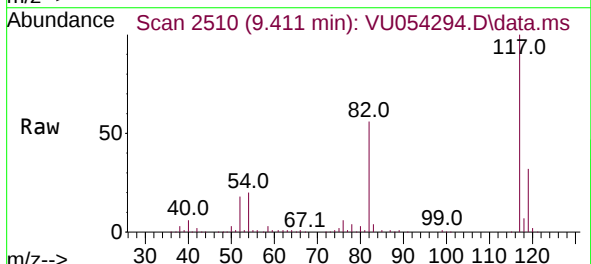
Tgt Ion: 95 Resp: 175550
Ion Ratio Lower Upper
95 100
174 82.4 0.0 182.0
176 79.4 0.0 177.8

Manual Integrations
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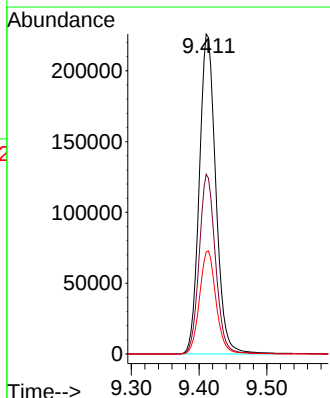
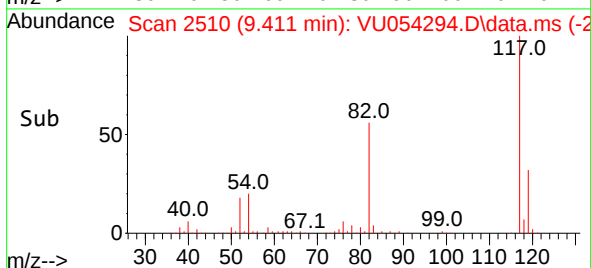
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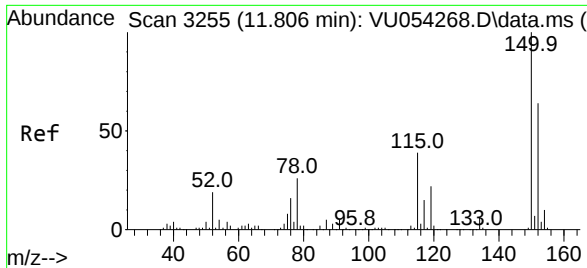


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.411 min Scan# 2510
Delta R.T. -0.003 min
Lab File: VU054294.D
Acq: 26 May 2023 18:36



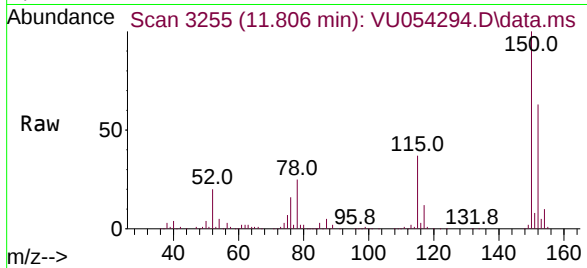
Tgt Ion:117 Resp: 382234
Ion Ratio Lower Upper
117 100
82 56.2 41.7 62.5
119 31.9 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.806 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU054294.D
 Acq: 26 May 2023 18:36

Instrument :
 MSVOA_U
 ClientSampleId :
 60BR-20230524DL



Tgt Ion:152 Resp: 189164
 Ion Ratio Lower Upper
 152 100
 115 58.2 37.0 110.9
 150 155.1 0.0 342.2

Manual Integrations
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