

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090923\
 Data File : VX037635.D
 Acq On : 09 Sep 2023 18:14
 Operator : JC/MD
 Sample : PB155417TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB155417TB

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/11/2023
 Supervised By : Mahesh Dadoda 09/11/2023

Quant Time: Sep 11 01:26:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 09 06:38:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	146145	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	241821	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81218	41.170	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	82.340%		
35) Dibromofluoromethane	5.385	113	72844	43.068	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	86.140%		
50) Toluene-d8	8.647	98	286647	46.207	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.420%		
62) 4-Bromofluorobenzene	11.079	95	103421	44.234	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.460%		
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	62967	77.615	ug/l #	84
20) Methylene Chloride	2.788	84	7752	3.224	ug/l #	83
25) 2-Butanone	4.562	43	15059	12.239	ug/l #	84
29) Tetrahydrofuran	5.019	42	3994	5.067	ug/l #	82
37) Ethyl Acetate	4.727	43	3350m	1.462	ug/l	
43) Isopropyl Acetate	6.342	43	91892	26.779	ug/l #	88
68) m/p-Xylenes	10.299	106	6592	2.065	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	18876	3.088	ug/l	98

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

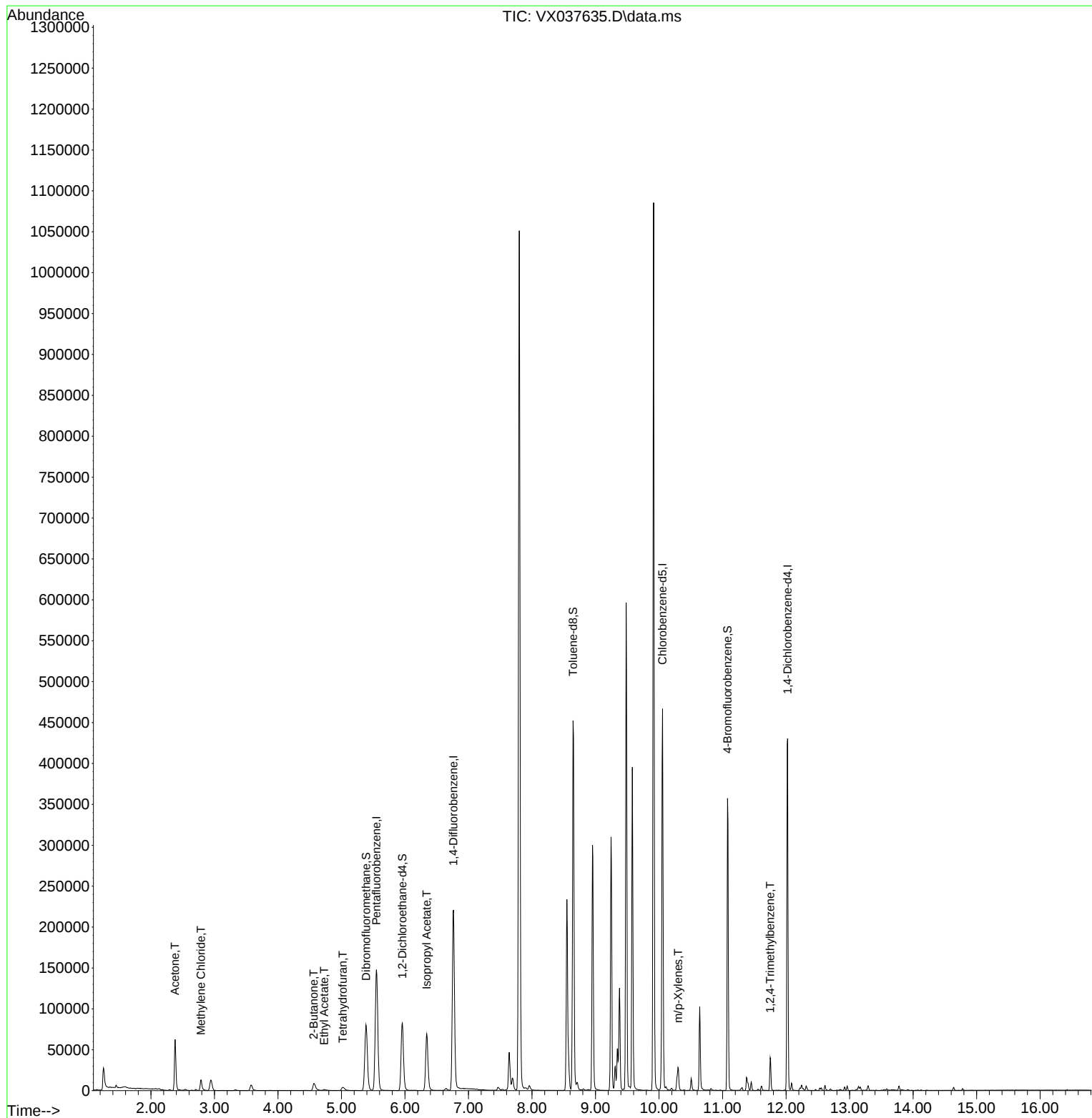
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090923\
Data File : VX037635.D
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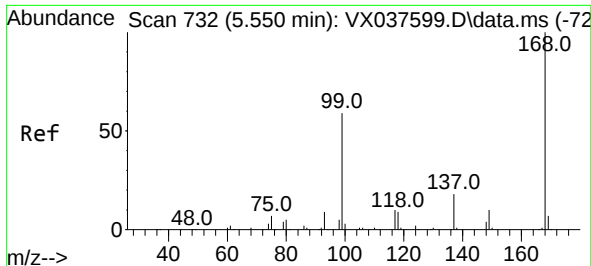
Instrument :
MSVOA_X
ClientSampleId :
PB155417TB

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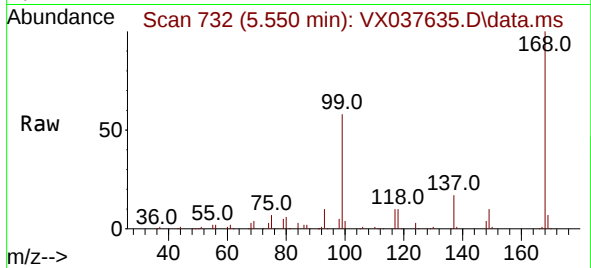
Quant Time: Sep 11 01:26:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 09 06:38:11 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX037635.D
Acq: 09 Sep 2023 18:14

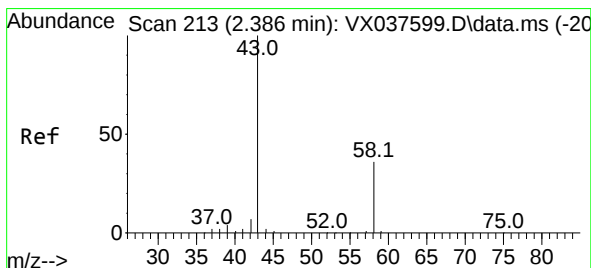
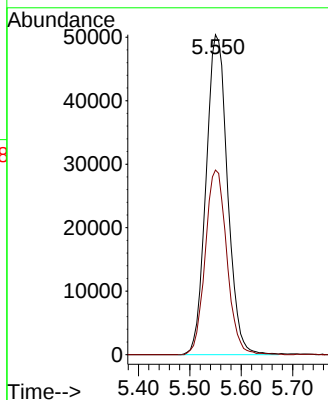
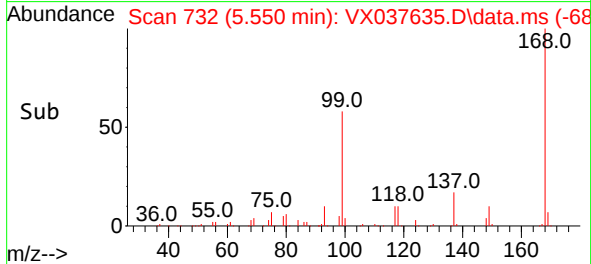
Instrument :
MSVOA_X
ClientSampleId :
PB155417TB



Tgt Ion:168 Resp: 146149
Ion Ratio Lower Upper
168 100
99 57.7 56.6 85.0

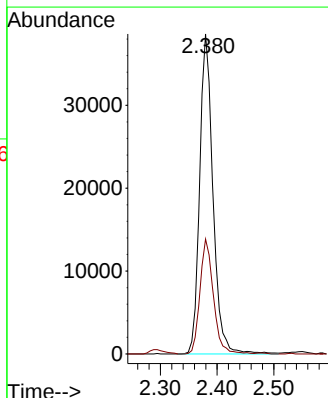
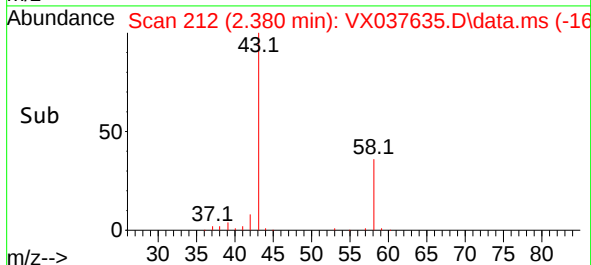
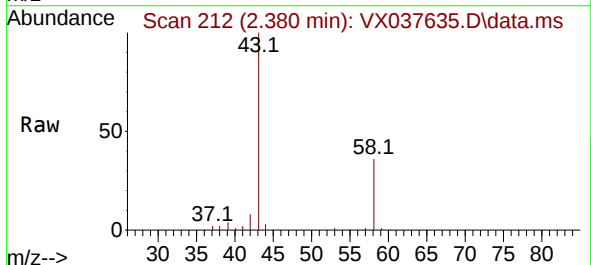
Manual Integrations
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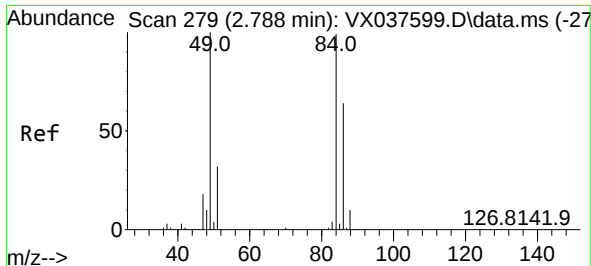
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#16
Acetone
Concen: 77.615 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037635.D
Acq: 09 Sep 2023 18:14

Tgt Ion: 43 Resp: 62967
Ion Ratio Lower Upper
43 100
58 35.9 21.9 32.9





#20

Methylene Chloride

Concen: 3.224 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX037635.D

Acq: 09 Sep 2023 18:14

Instrument :

MSVOA_X

ClientSampleId :

PB155417TB

Tgt Ion: 84 Resp: 775

Ion Ratio Lower Upper

84 100

49 101.8 103.6 155.4

51 29.8 33.8 50.6

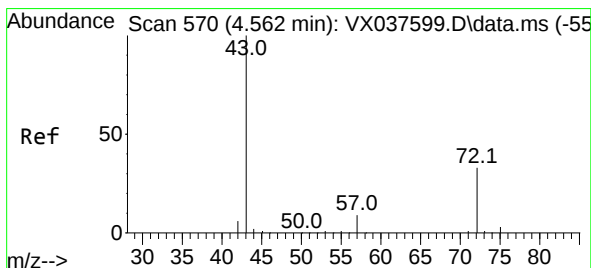
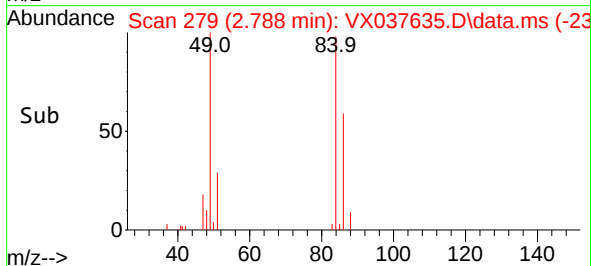
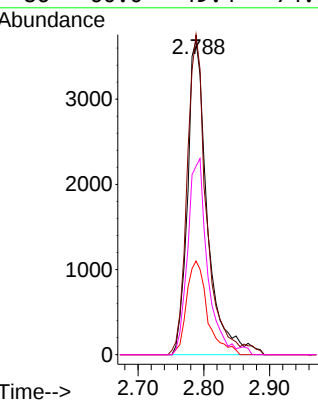
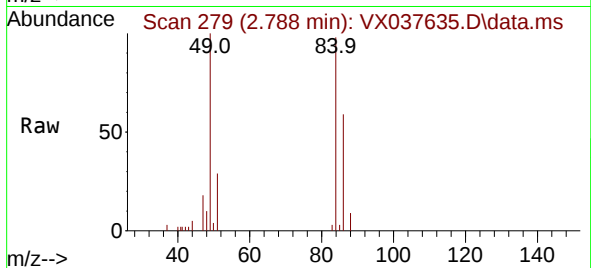
86 60.0 49.4 74.0

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#25

2-Butanone

Concen: 12.239 ug/l

RT: 4.562 min Scan# 570

Delta R.T. -0.000 min

Lab File: VX037635.D

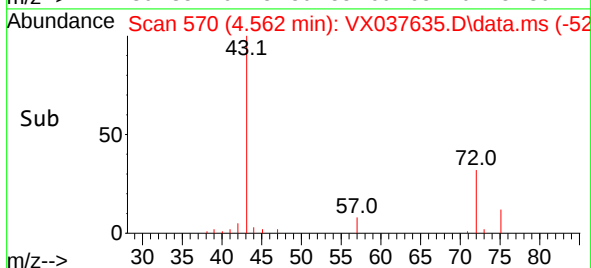
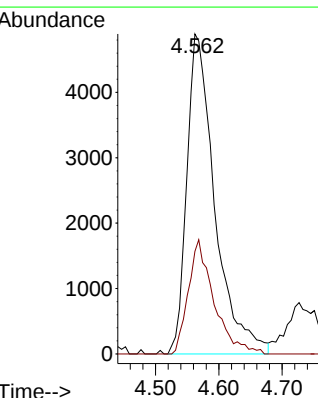
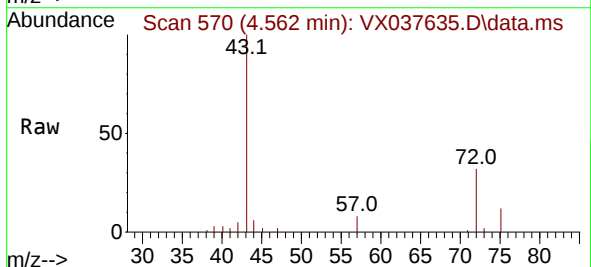
Acq: 09 Sep 2023 18:14

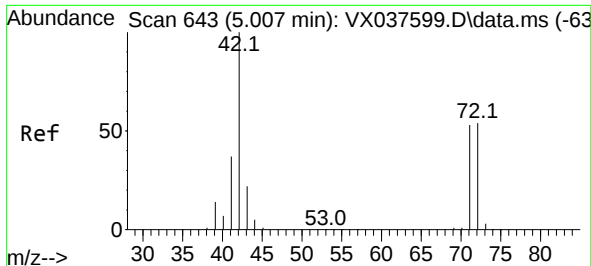
Tgt Ion: 43 Resp: 15059

Ion Ratio Lower Upper

43 100

72 32.1 19.4 29.2





#29

Tetrahydrofuran

Concen: 5.067 ug/l

RT: 5.019 min Scan# 643

Delta R.T. 0.012 min

Lab File: VX037635.D

Acq: 09 Sep 2023 18:14

Instrument :

MSVOA_X

ClientSampleId :

PB155417TB

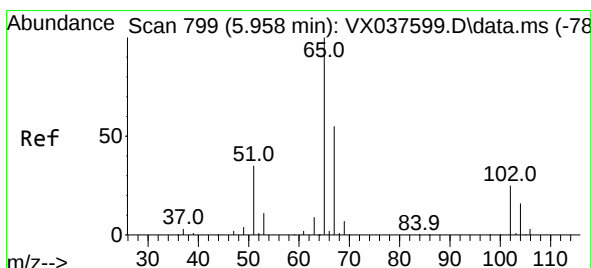
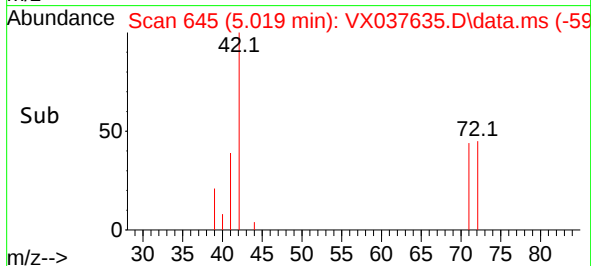
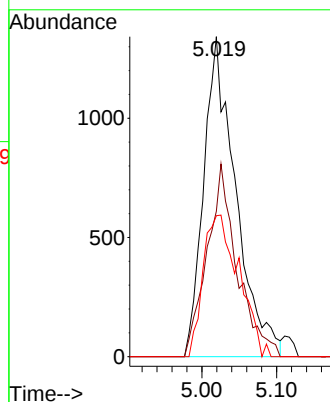
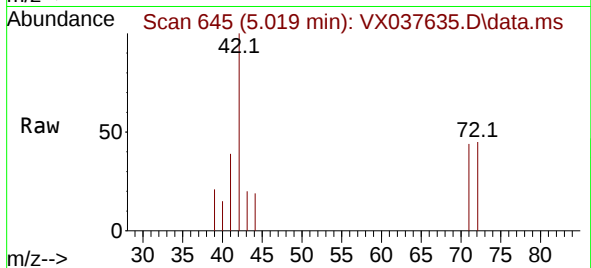
Tgt Ion: 42	Resp: 3994
Ion Ratio	Lower Upper
42	100
72	56.4 34.2 51.4
71	49.3 32.2 48.2

Manual Integrations

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Supervised By :Mahesh Dadoda 09/11/2023



#33

1,2-Dichloroethane-d4

Concen: 41.170 ug/l

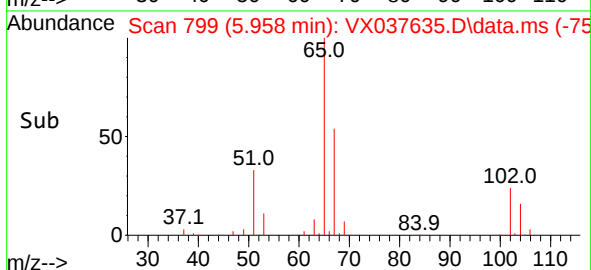
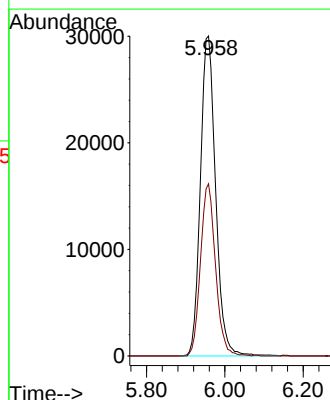
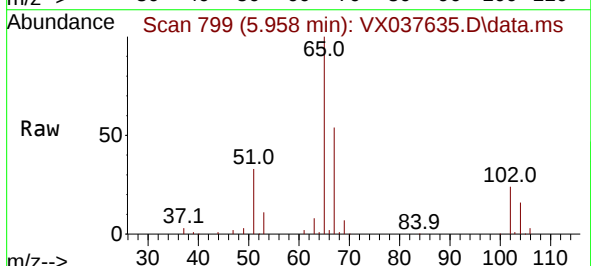
RT: 5.958 min Scan# 799

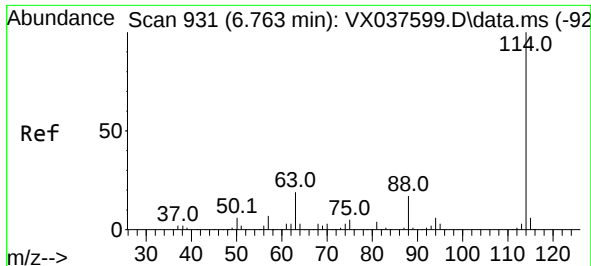
Delta R.T. -0.000 min

Lab File: VX037635.D

Acq: 09 Sep 2023 18:14

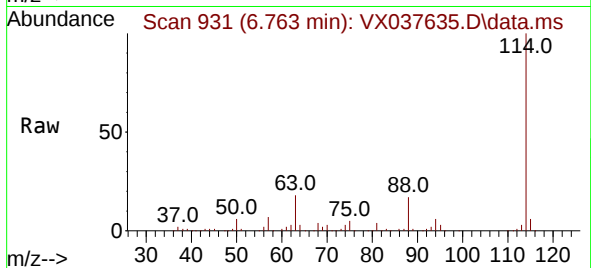
Tgt Ion: 65	Resp: 81218
Ion Ratio	Lower Upper
65	100
67	53.0 0.0 100.2





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX037635.D
Acq: 09 Sep 2023 18:14

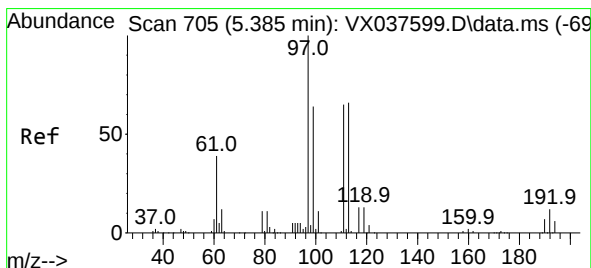
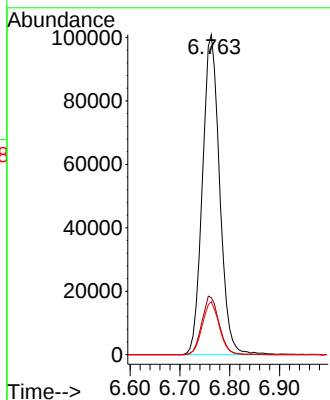
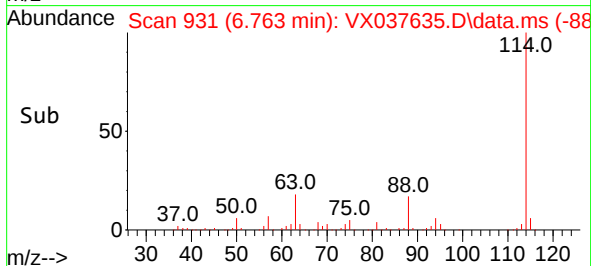
Instrument :
MSVOA_X
ClientSampleId :
PB155417TB



Tgt Ion:114 Resp: 24182
Ion Ratio Lower Upper
114 100
63 17.9 0.0 45.0
88 16.6 0.0 36.6

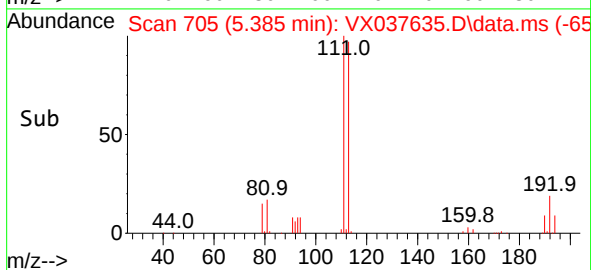
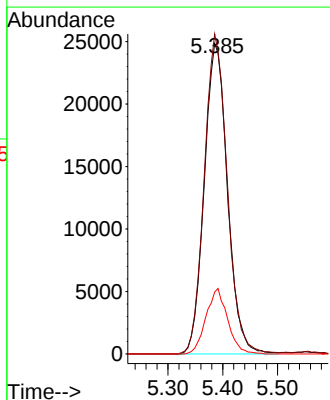
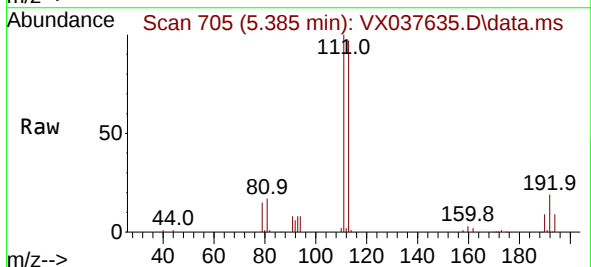
Manual Integrations
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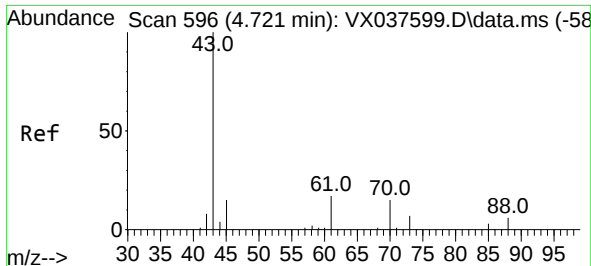
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#35
Dibromofluoromethane
Concen: 43.068 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037635.D
Acq: 09 Sep 2023 18:14

Tgt Ion:113 Resp: 72844
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 19.6 13.3 19.9





#37

Ethyl Acetate

Concen: 1.462 ug/l m

RT: 4.727 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX037635.D

Acq: 09 Sep 2023 18:14

Instrument :

MSVOA_X

ClientSampleId :

PB155417TB

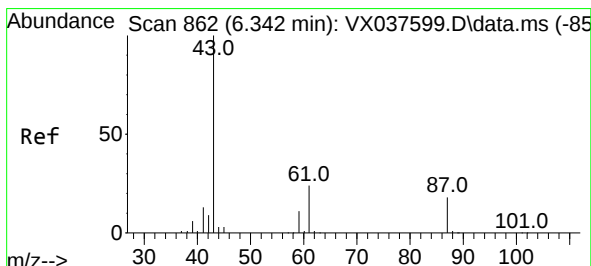
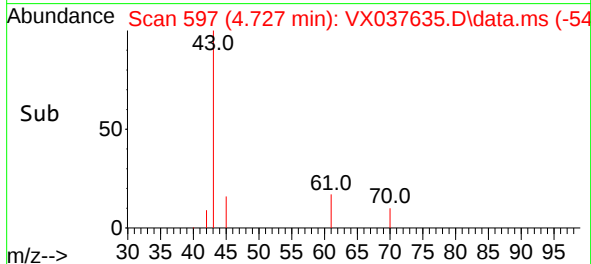
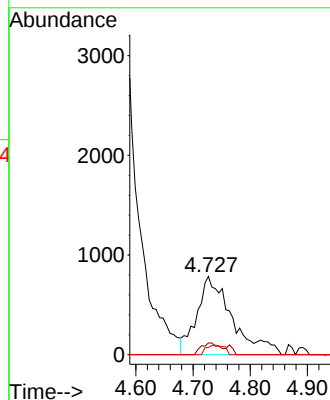
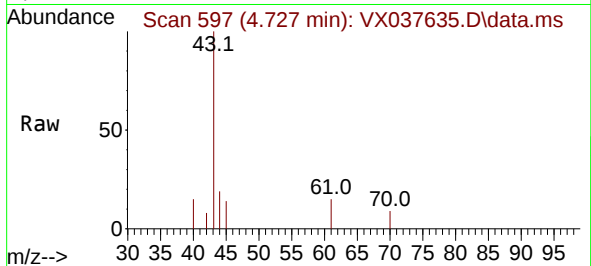
Tgt Ion:	43	Resp:	3350
Ion	Ratio	Lower	Upper
43	100		
61	8.3	10.6	16.0#
70	6.3	8.3	12.5#

Manual Integrations

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Supervised By :Mahesh Dadoda 09/11/2023



#43

Isopropyl Acetate

Concen: 26.779 ug/l

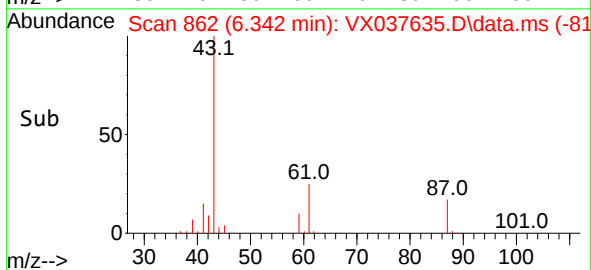
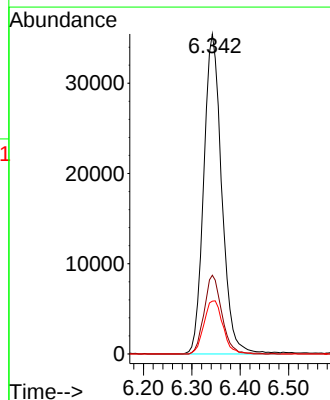
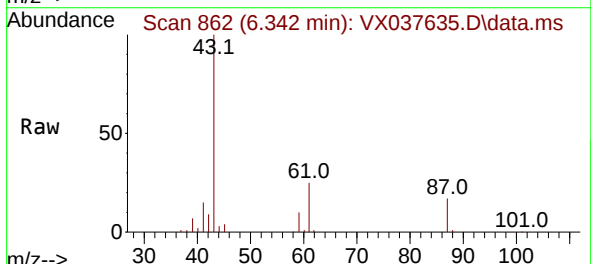
RT: 6.342 min Scan# 862

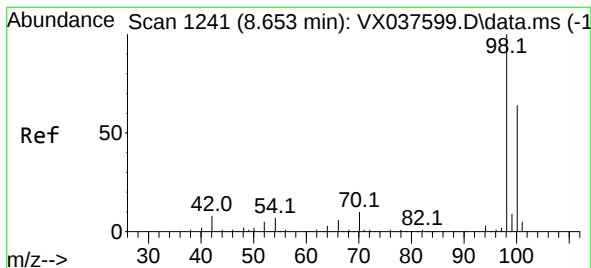
Delta R.T. -0.000 min

Lab File: VX037635.D

Acq: 09 Sep 2023 18:14

Tgt Ion:	43	Resp:	91892
Ion	Ratio	Lower	Upper
43	100		
61	24.1	15.2	22.8#
87	17.5	9.8	14.6#





#50

Toluene-d8

Concen: 46.207 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX037635.D

Acq: 09 Sep 2023 18:14

Instrument :

MSVOA_X

ClientSampleId :

PB155417TB

Tgt Ion: 98 Resp: 28664

Ion Ratio Lower Upper

98 100

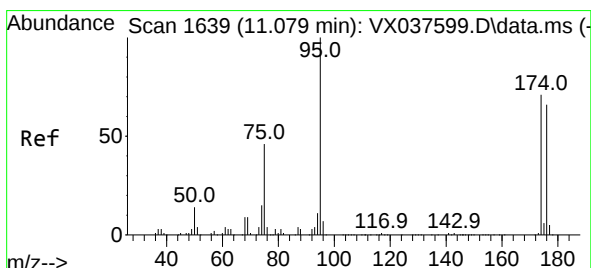
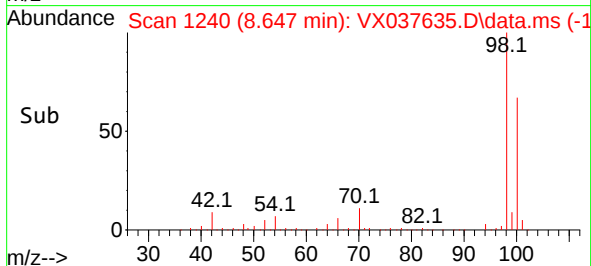
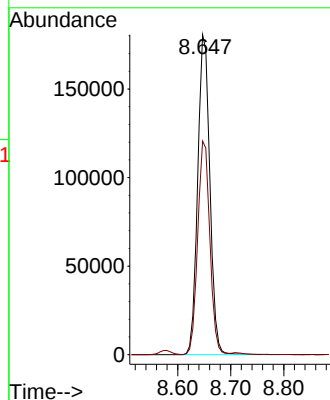
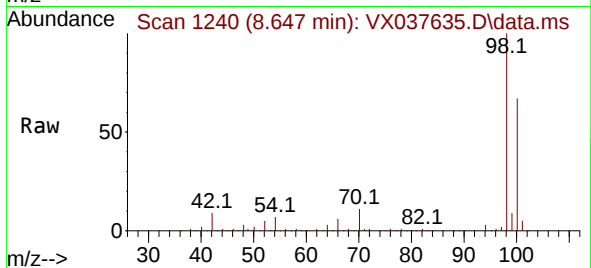
100 66.5 53.1 79.7

Manual Integrations

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Supervised By :Mahesh Dadoda 09/11/2023



#62

4-Bromofluorobenzene

Concen: 44.234 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX037635.D

Acq: 09 Sep 2023 18:14

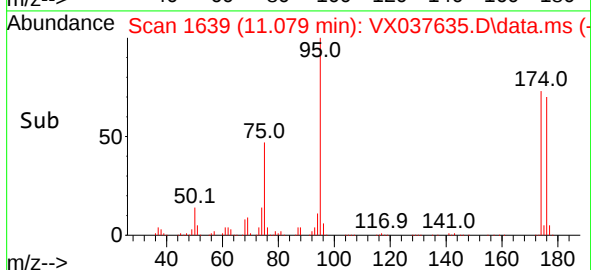
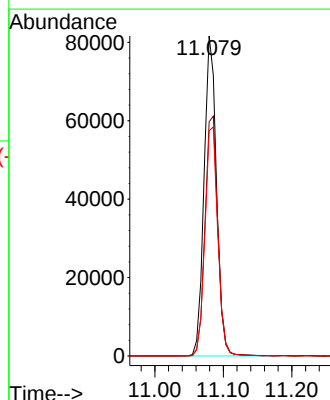
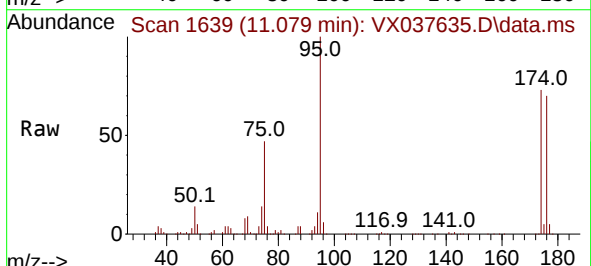
Tgt Ion: 95 Resp: 103421

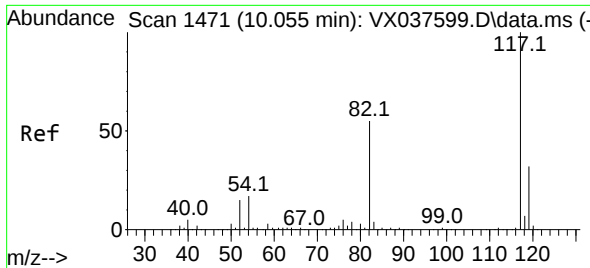
Ion Ratio Lower Upper

95 100

174 77.7 0.0 135.6

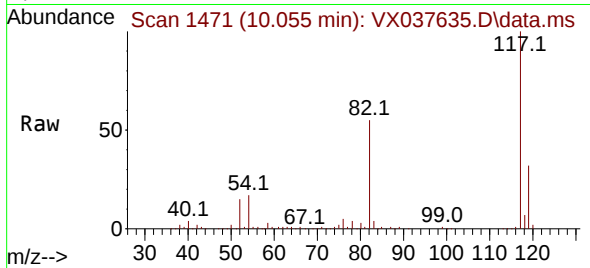
176 73.9 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037635.D
Acq: 09 Sep 2023 18:14

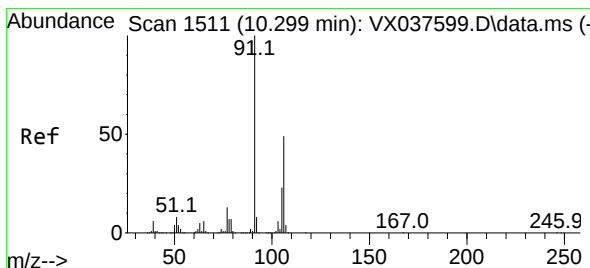
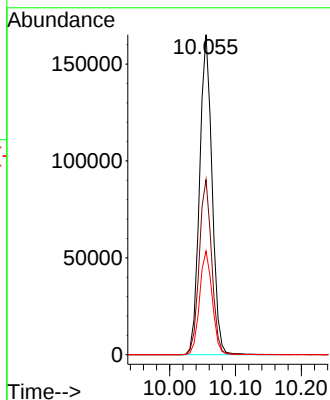
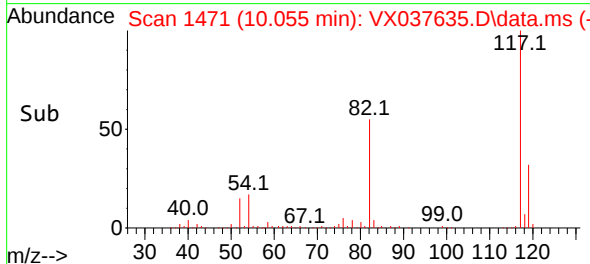
Instrument :
MSVOA_X
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PB155417TB



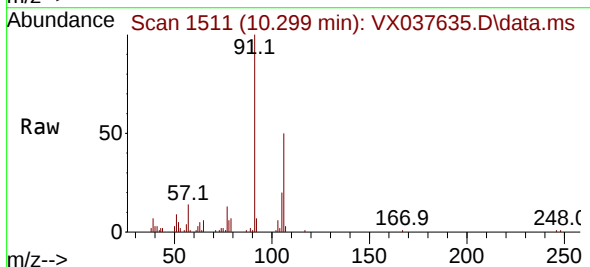
Tgt Ion:117 Resp: 21732
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 32.3 25.5 38.3

Manual Integrations
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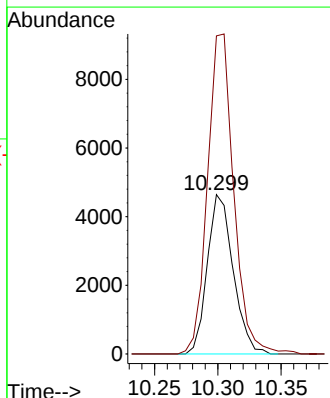
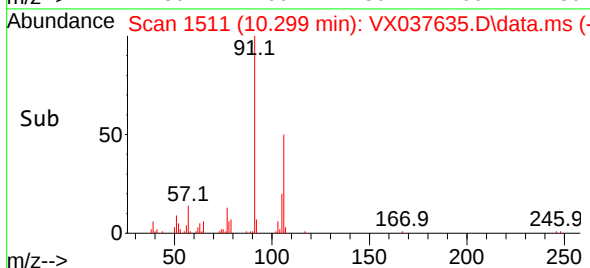
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023

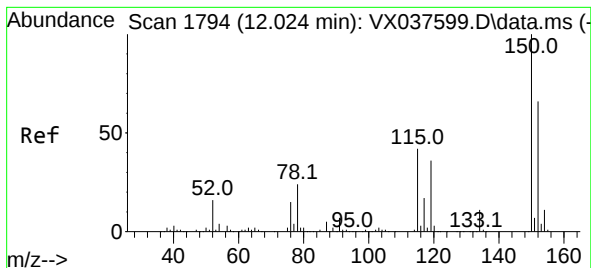


#68
m/p-Xylenes
Concen: 2.065 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX037635.D
Acq: 09 Sep 2023 18:14



Tgt Ion:106 Resp: 6592
Ion Ratio Lower Upper
106 100
91 204.1 165.5 248.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX037635.D

Acq: 09 Sep 2023 18:14

Instrument :

MSVOA_X

ClientSampleId :

PB155417TB

Tgt Ion:152 Resp: 95960

Ion Ratio Lower Upper

152 100

115 62.1 43.3 129.9

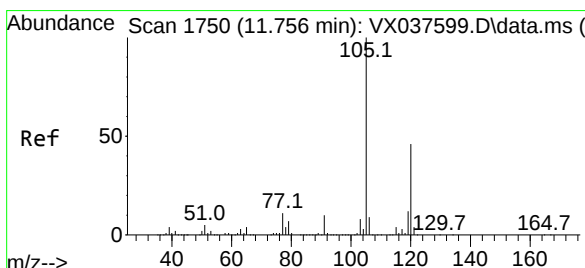
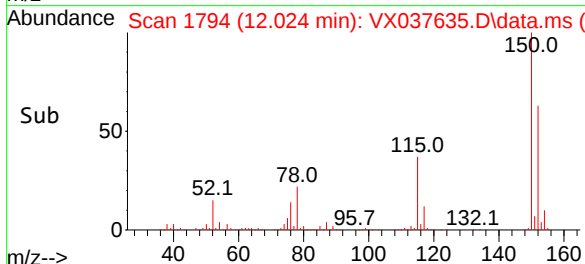
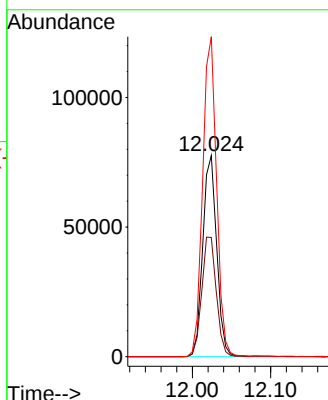
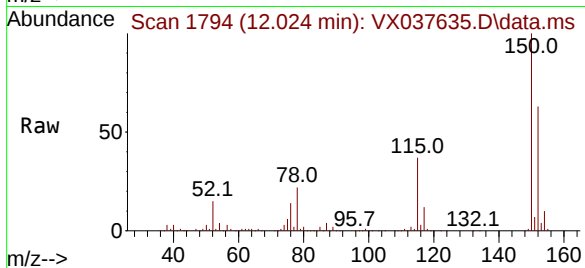
150 158.7 0.0 345.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2023

Supervised By :Mahesh Dadoda 09/11/2023



#84

1,2,4-Trimethylbenzene

Concen: 3.088 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VX037635.D

Acq: 09 Sep 2023 18:14

Tgt Ion:105 Resp: 18876

Ion Ratio Lower Upper

105 100

120 43.5 21.2 63.6

