

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100824\
 Data File : VX043317.D
 Acq On : 08 Oct 2024 11:40
 Operator : JC/MD
 Sample : P4342-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PORT-ELIZABETH-1201

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/09/2024
 Supervised By : Mahesh Dadoda 10/09/2024

Quant Time: Oct 09 01:35:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	79071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	146683	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54427	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66175	51.245	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.480%			
35) Dibromofluoromethane	5.385	113	47386	46.843	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.680%			
50) Toluene-d8	8.647	98	173806	49.579	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.160%			
62) 4-Bromofluorobenzene	11.079	95	61908	48.610	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.220%			
Target Compounds						
16) Acetone	2.392	43	15856	29.402	ug/l	100
25) 2-Butanone	4.593	43	3406	4.606	ug/l #	89
67) Ethyl Benzene	10.195	91	26364	5.701	ug/l	98
68) m/p-Xylenes	10.299	106	51922	29.712	ug/l	98
69) o-Xylene	10.640	106	32424	18.672	ug/l	100
73) Isopropylbenzene	10.963	105	2022	0.478	ug/l	96
78) n-propylbenzene	11.305	91	11769	2.533	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	35573	10.191	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	177470	50.530	ug/l	98
85) sec-Butylbenzene	11.890	105	3100m	0.727	ug/l	
86) p-Isopropyltoluene	12.006	119	3517	0.989	ug/l	89
89) n-Butylbenzene	12.323	91	5604m	1.882	ug/l	

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

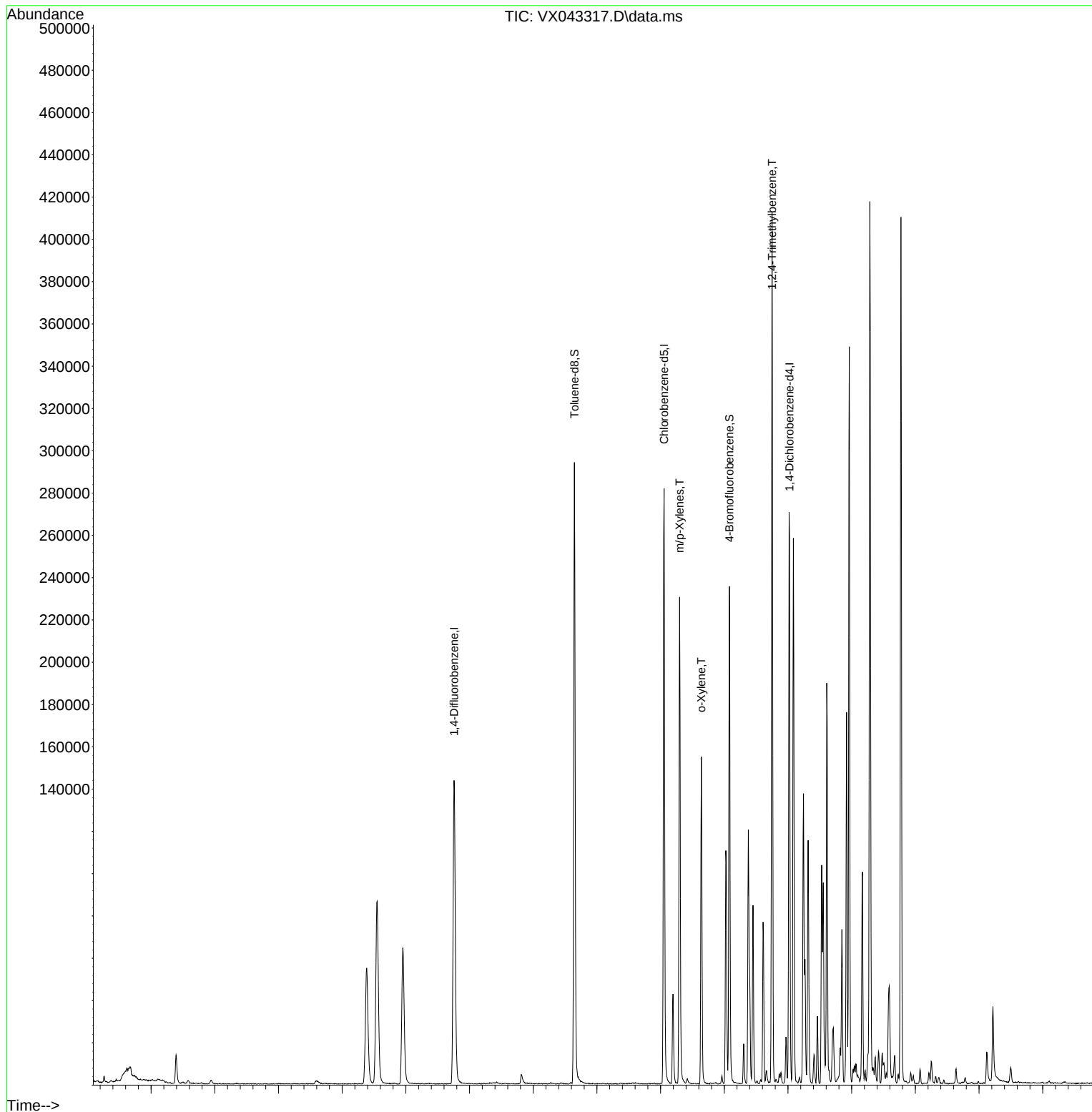
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100824\
Data File : VX043317.D
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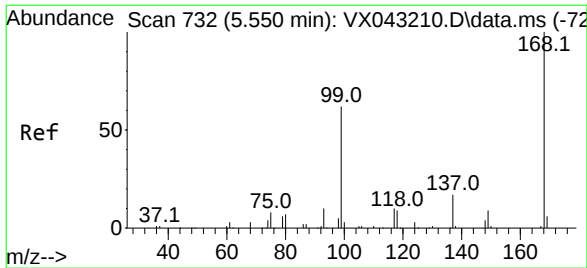
Instrument :
MSVOA_X
ClientSampleId :
PORT-ELIZABETH-1201

Quant Time: Oct 09 01:35:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration

Manual Integrations
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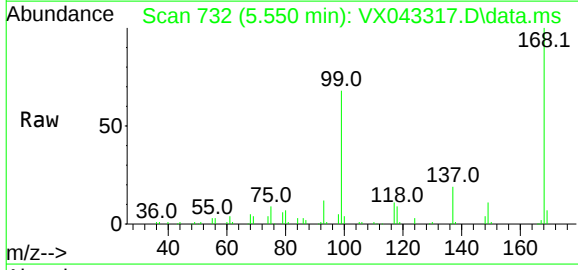
Reviewed By : John Carlone 10/09/2024
Supervised By : Mahesh Dadoda 10/09/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX043317.D
Acq: 08 Oct 2024 11:40

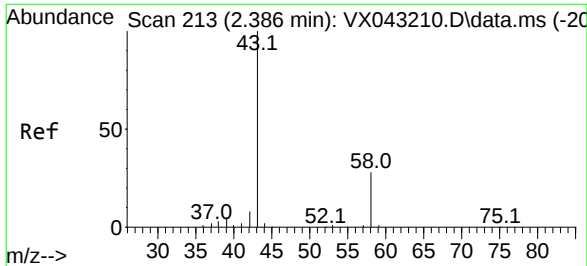
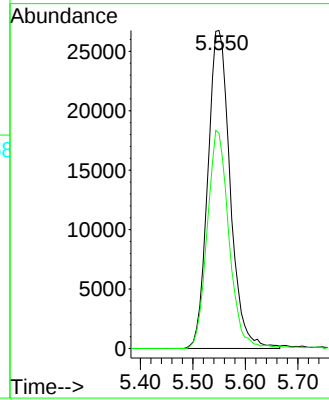
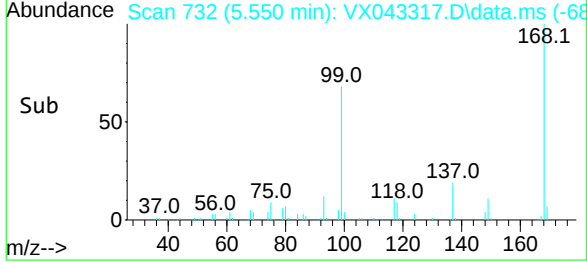
Instrument :
MSVOA_X
ClientSampleId :
PORT-ELIZABETH-1201



Tgt Ion: 168 Resp: 79071
Ion Ratio Lower Upper
168 100
99 67.7 49.7 74.5

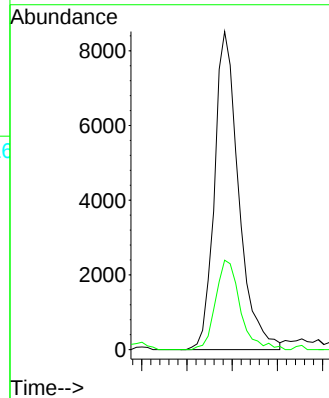
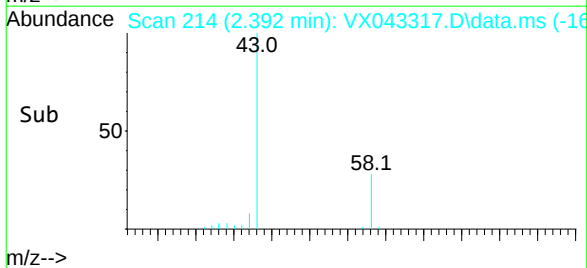
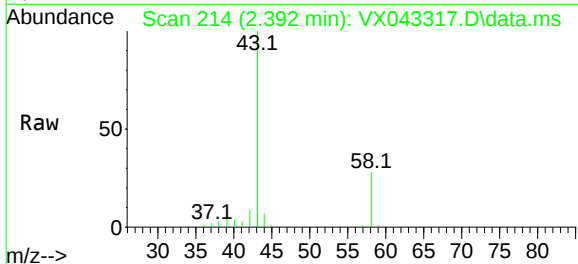
Manual Integrations
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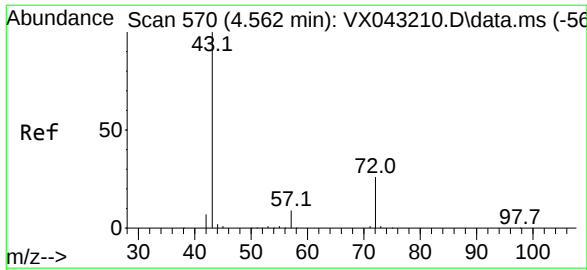
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#16
Acetone
Concen: 29.402 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX043317.D
Acq: 08 Oct 2024 11:40

Tgt Ion: 43 Resp: 15856
Ion Ratio Lower Upper
43 100
58 28.1 22.6 33.8





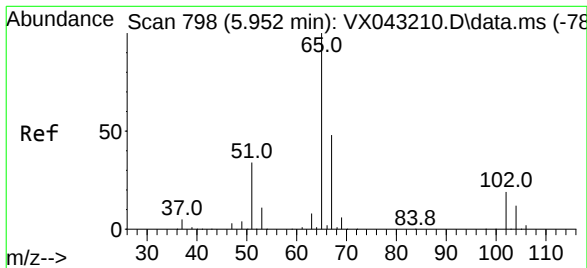
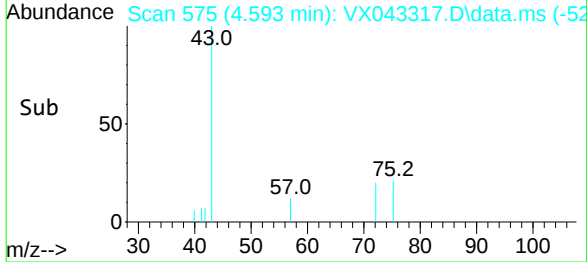
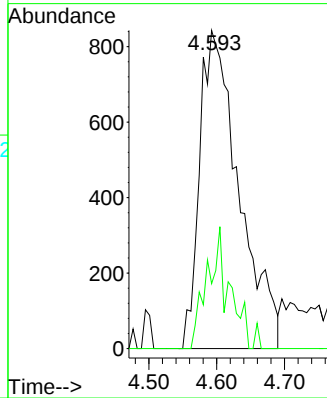
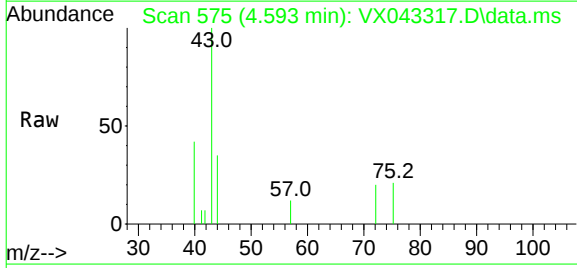
#25
2-Butanone
Concen: 4.606 ug/l
RT: 4.593 min Scan# 571
Delta R.T. 0.030 min
Lab File: VX043317.D
Acq: 08 Oct 2024 11:40

Instrument :
MSVOA_X
ClientSampleId :
PORT-ELIZABETH-1201

Tgt Ion: 43 Resp: 3406
Ion Ratio Lower Upper
43 100
72 20.4 20.6 31.0#

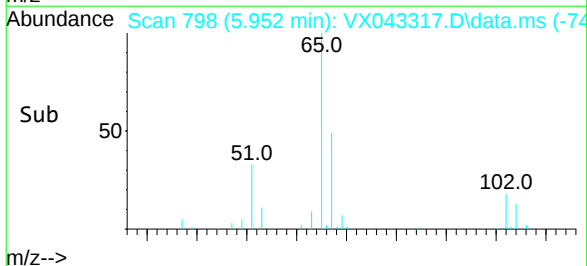
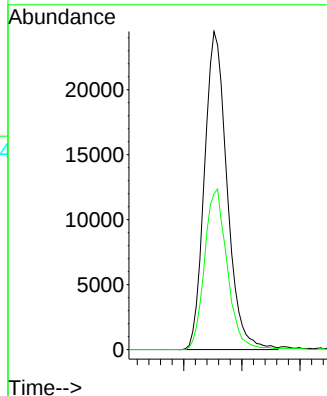
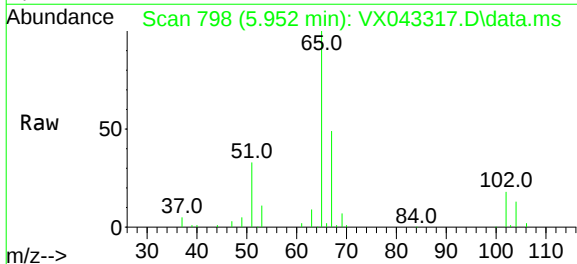
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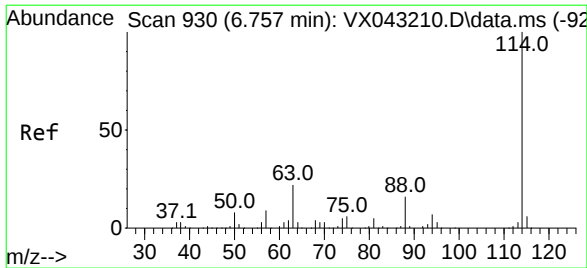
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#33
1,2-Dichloroethane-d4
Concen: 51.245 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX043317.D
Acq: 08 Oct 2024 11:40

Tgt Ion: 65 Resp: 66175
Ion Ratio Lower Upper
65 100
67 50.4 0.0 99.0





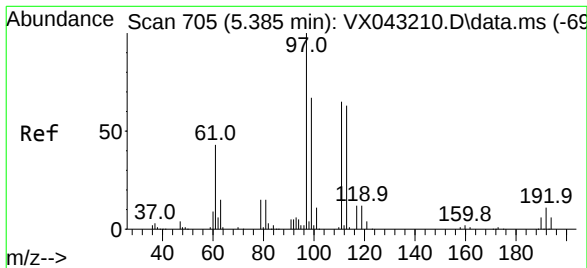
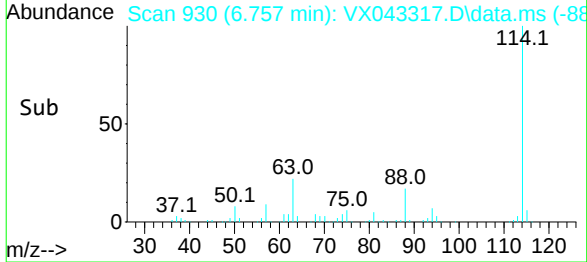
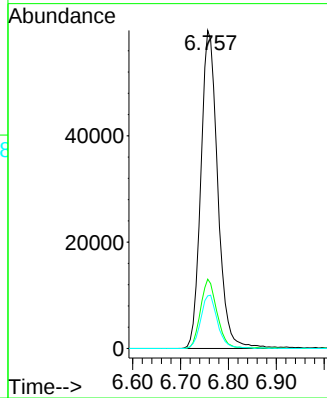
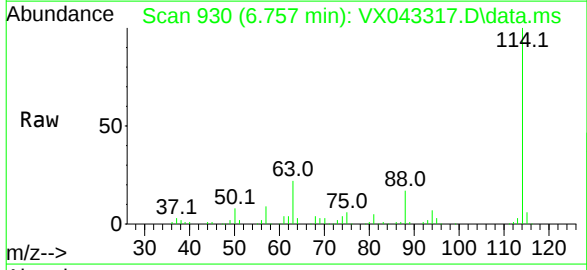
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX043317.D
Acq: 08 Oct 2024 11:40

Instrument :
MSVOA_X
ClientSampleId :
PORT-ELIZABETH-1201

Tgt Ion:	114	Resp:	146683
Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	43.0
88	16.6	0.0	33.0

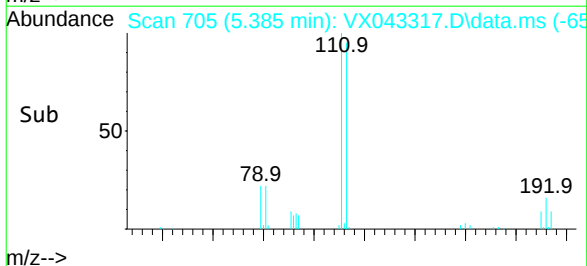
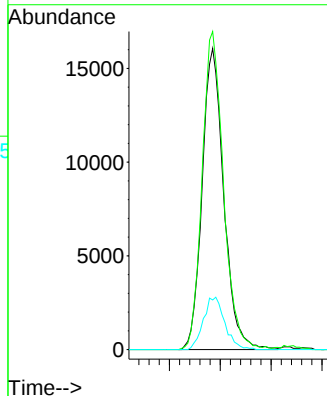
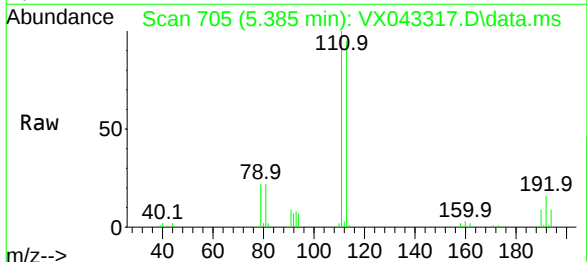
Manual Integrations
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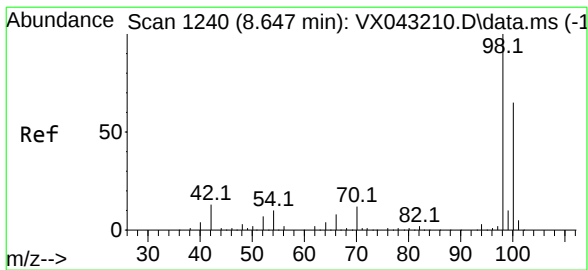
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#35
Dibromofluoromethane
Concen: 46.843 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX043317.D
Acq: 08 Oct 2024 11:40

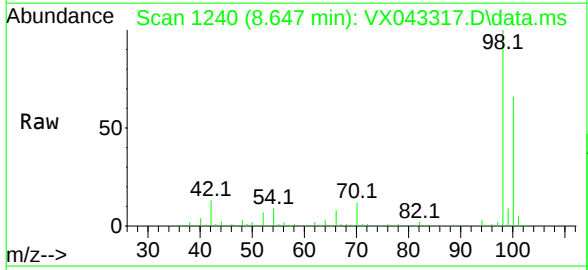
Tgt Ion:	113	Resp:	47386
Ion	Ratio	Lower	Upper
113	100		
111	104.4	83.4	125.0
192	17.3	14.1	21.1





#50
Toluene-d8
Concen: 49.579 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043317.D
Acq: 08 Oct 2024 11:40

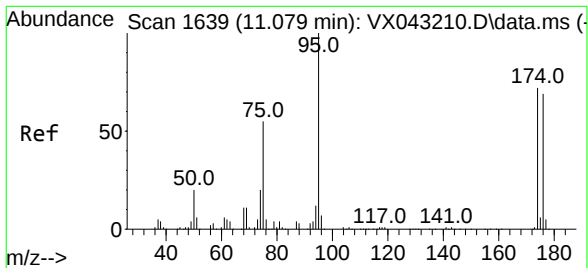
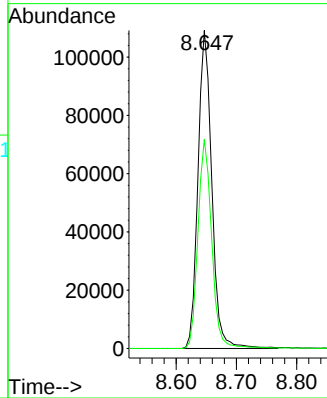
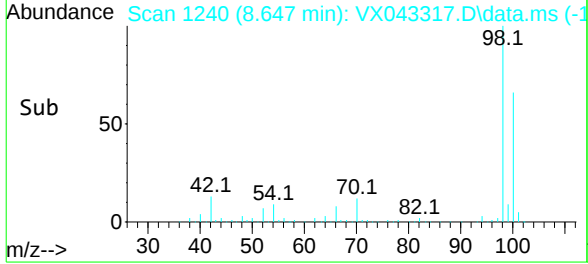
Instrument :
MSVOA_X
ClientSampleId :
PORT-ELIZABETH-1201



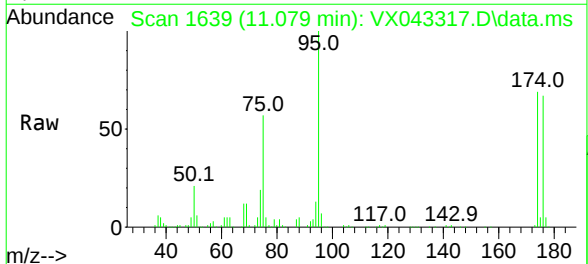
Tgt Ion: 98 Resp: 173806
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6

Manual Integrations
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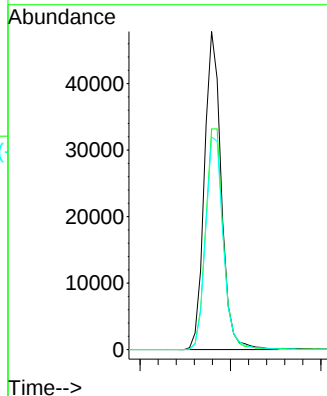
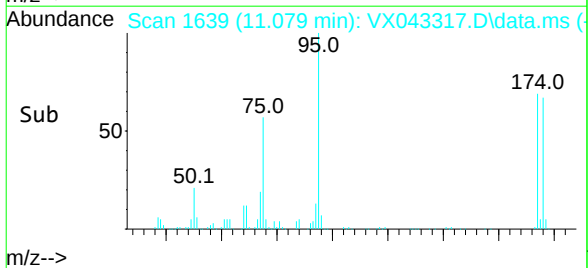
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

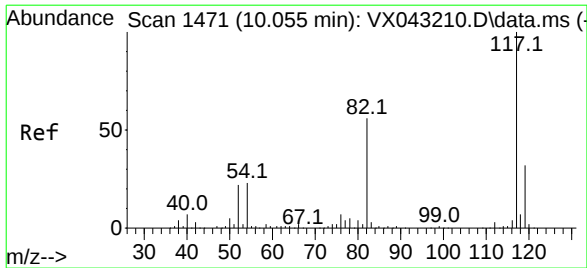


#62
4-Bromofluorobenzene
Concen: 48.610 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043317.D
Acq: 08 Oct 2024 11:40



Tgt Ion: 95 Resp: 61908
Ion Ratio Lower Upper
95 100
174 72.8 0.0 145.0
176 70.2 0.0 143.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX043317.D

Acq: 08 Oct 2024 11:40

Instrument :

MSVOA_X

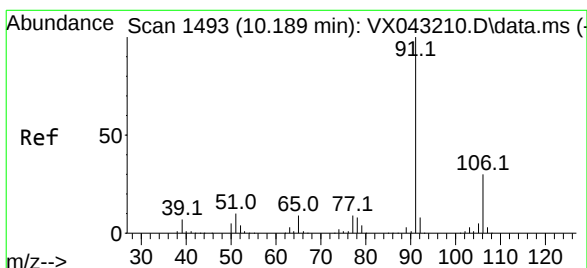
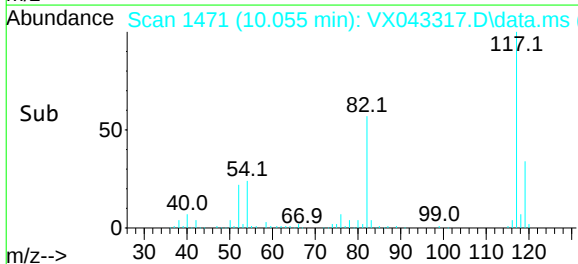
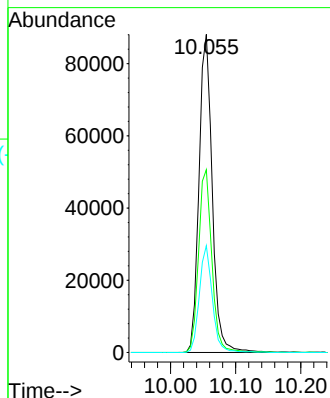
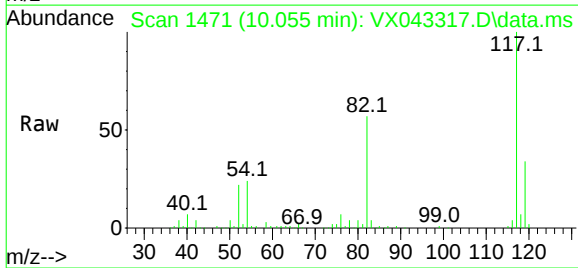
ClientSampleId :

PORT-ELIZABETH-1201

Tgt Ion:	117	Resp:	124439
Ion	Ratio	Lower	Upper
117	100		
82	57.5	45.0	67.6
119	33.6	25.3	37.9

Manual Integrations
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Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#67

Ethyl Benzene

Concen: 5.701 ug/l

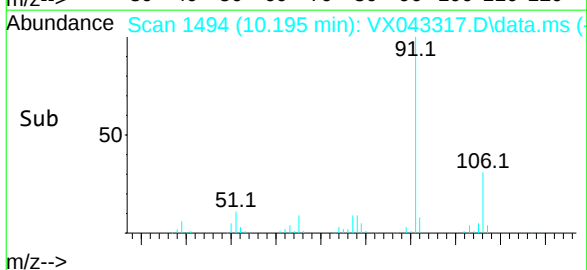
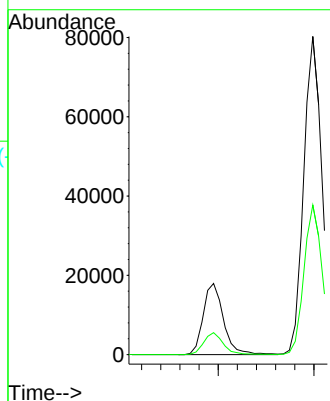
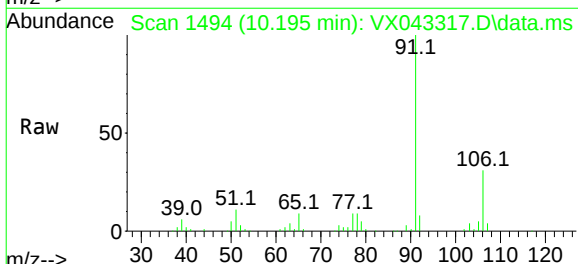
RT: 10.195 min Scan# 1494

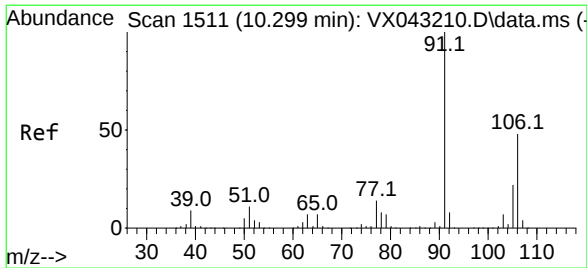
Delta R.T. 0.006 min

Lab File: VX043317.D

Acq: 08 Oct 2024 11:40

Tgt Ion:	91	Resp:	26364
Ion	Ratio	Lower	Upper
91	100		
106	30.8	23.9	35.9





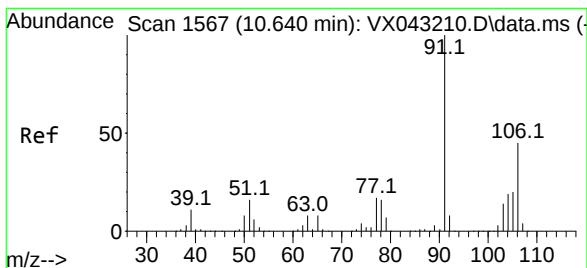
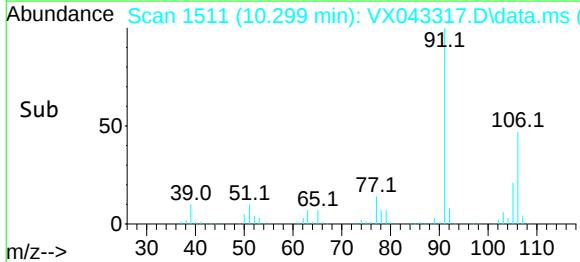
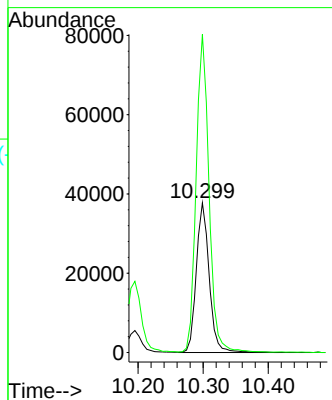
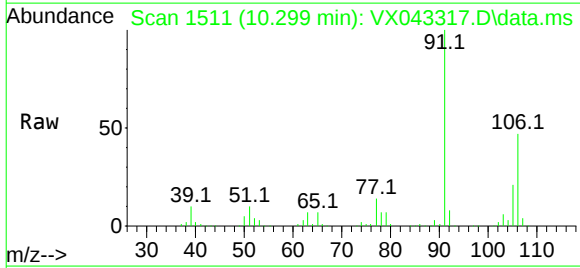
#68
m/p-Xylenes
Concen: 29.712 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX043317.D
Acq: 08 Oct 2024 11:40

Instrument :
MSVOA_X
ClientSampleId :
PORT-ELIZABETH-1201

Tgt Ion:106 Resp: 51922
Ion Ratio Lower Upper
106 100
91 211.3 167.0 250.6

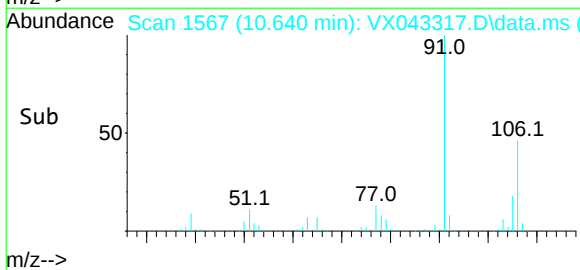
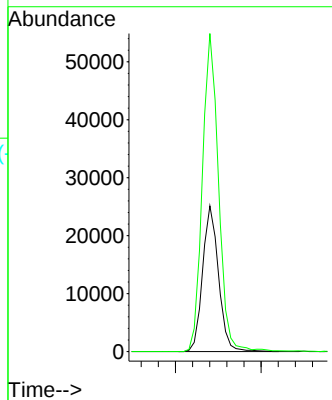
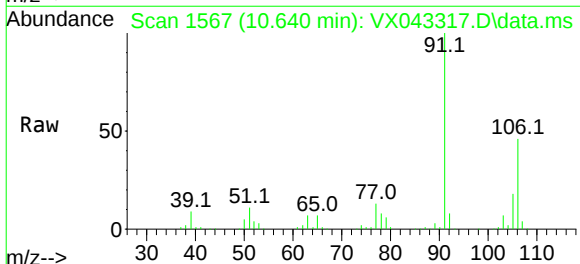
Manual Integrations
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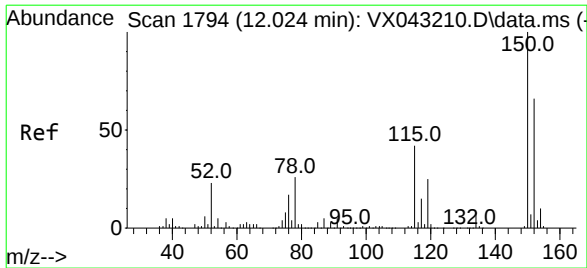
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#69
o-Xylene
Concen: 18.672 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX043317.D
Acq: 08 Oct 2024 11:40

Tgt Ion:106 Resp: 32424
Ion Ratio Lower Upper
106 100
91 222.7 111.6 334.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX043317.D

Acq: 08 Oct 2024 11:40

Instrument :

MSVOA_X

ClientSampleId :

PORT-ELIZABETH-1201

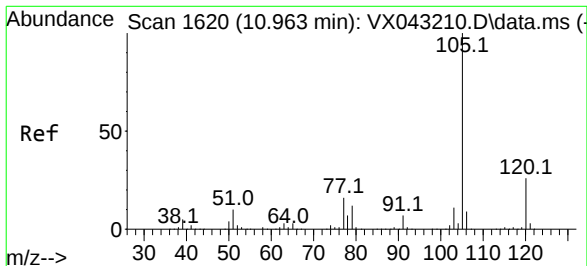
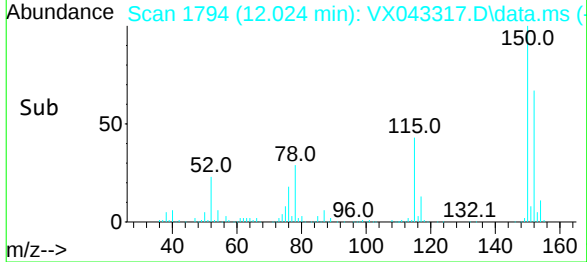
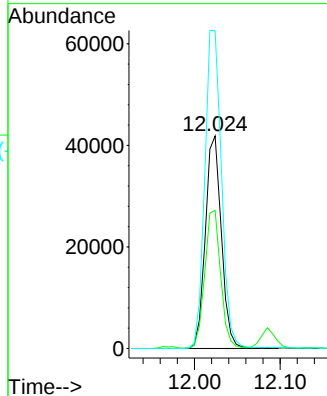
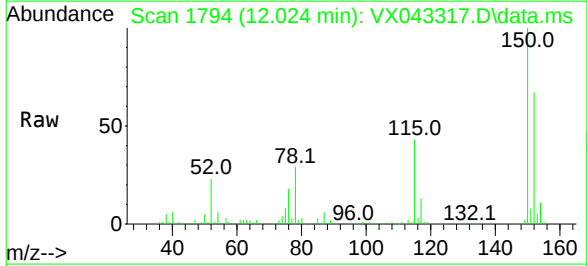
Tgt Ion:	152	Resp:	54427
Ion Ratio	Lower	Upper	
152	100		
115	64.1	44.1	132.3
150	155.7	0.0	347.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#73

Isopropylbenzene

Concen: 0.478 ug/l

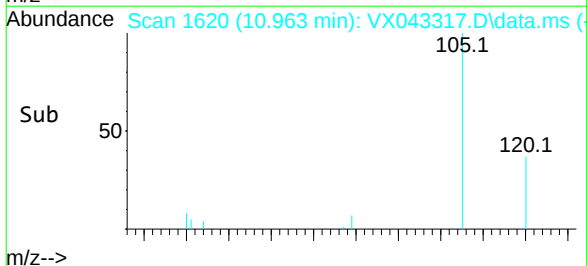
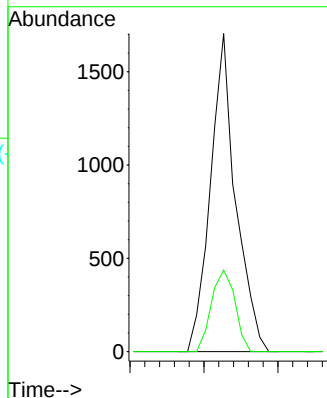
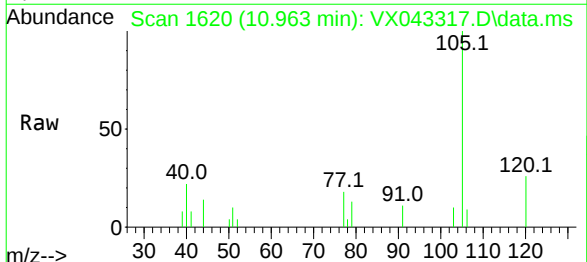
RT: 10.963 min Scan# 1620

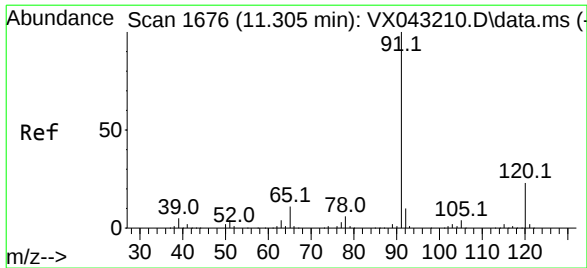
Delta R.T. -0.000 min

Lab File: VX043317.D

Acq: 08 Oct 2024 11:40

Tgt Ion:	105	Resp:	2022
Ion Ratio	Lower	Upper	
105	100		
120	23.8	12.9	38.7





#78

n-propylbenzene

Concen: 2.533 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX043317.D

Acq: 08 Oct 2024 11:40

Instrument :

MSVOA_X

ClientSampleId :

PORT-ELIZABETH-1201

Tgt Ion: 91 Resp: 11769

Ion Ratio Lower Upper

91 100

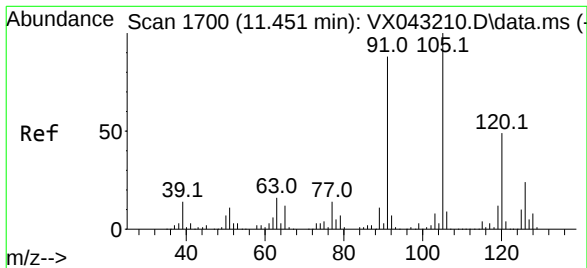
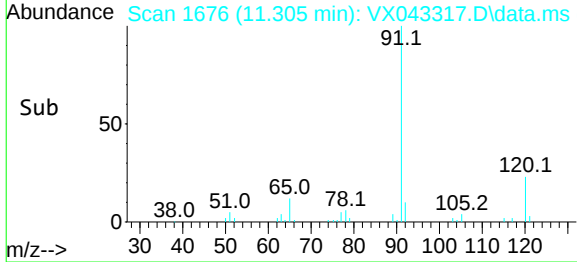
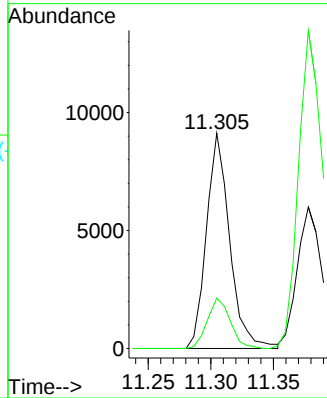
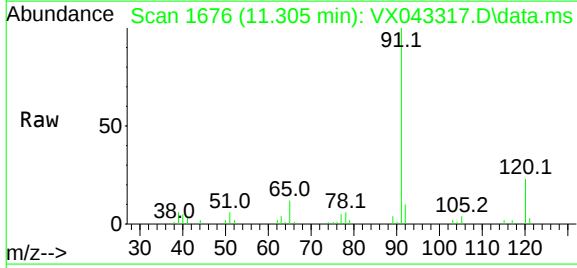
120 23.1 11.4 34.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#80

1,3,5-Trimethylbenzene

Concen: 10.191 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX043317.D

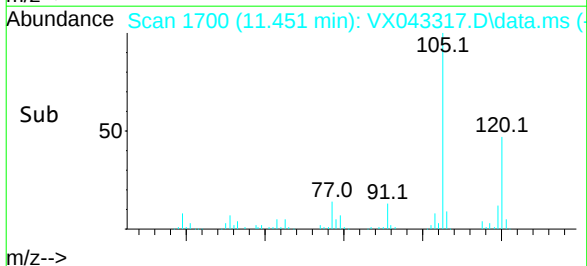
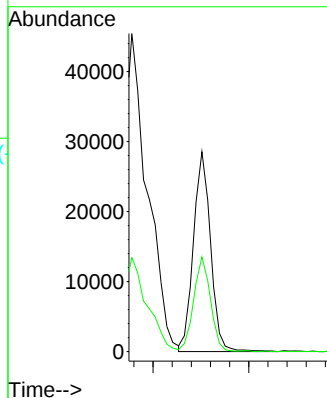
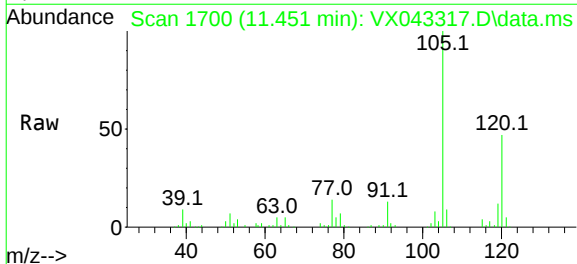
Acq: 08 Oct 2024 11:40

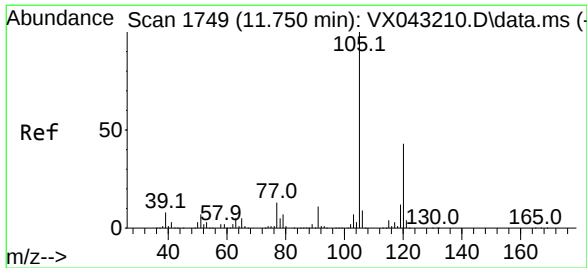
Tgt Ion:105 Resp: 35573

Ion Ratio Lower Upper

105 100

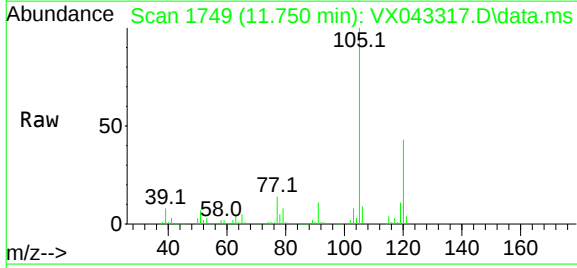
120 46.4 23.9 71.8





#84
1,2,4-Trimethylbenzene
Concen: 50.530 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX043317.D
Acq: 08 Oct 2024 11:40

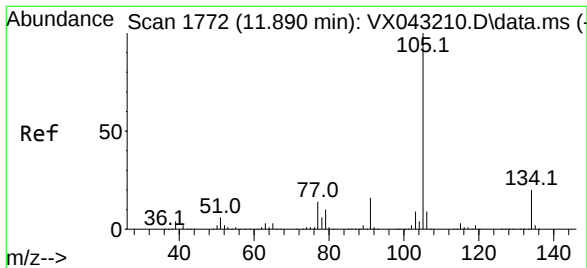
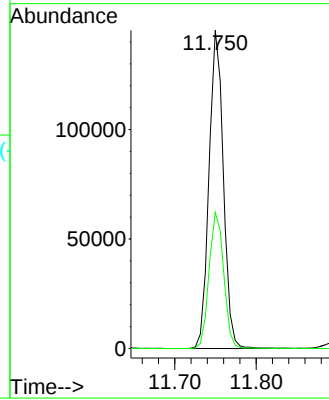
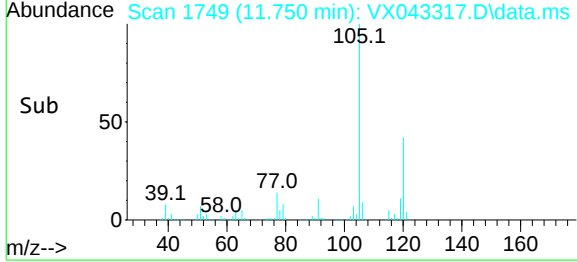
Instrument :
MSVOA_X
ClientSampleId :
PORT-ELIZABETH-1201



Tgt Ion:105 Resp: 177470
Ion Ratio Lower Upper
105 100
120 43.8 21.2 63.6

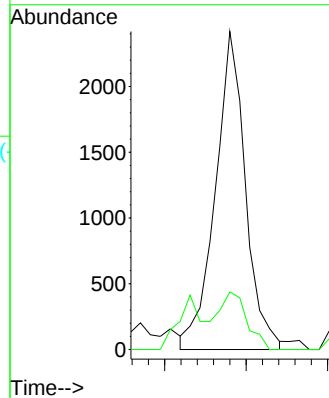
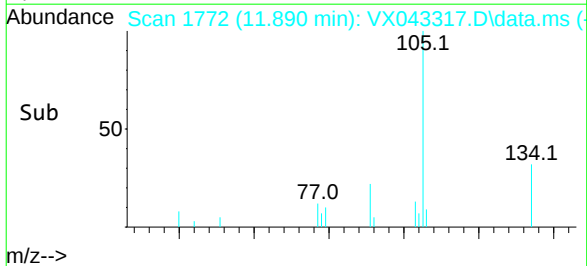
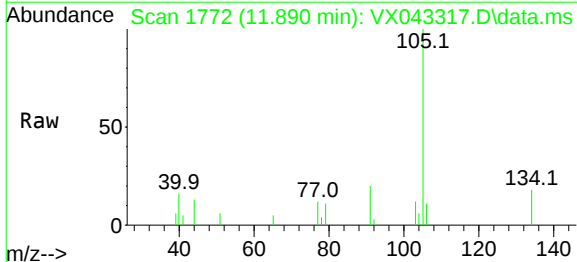
Manual Integrations
APPROVED

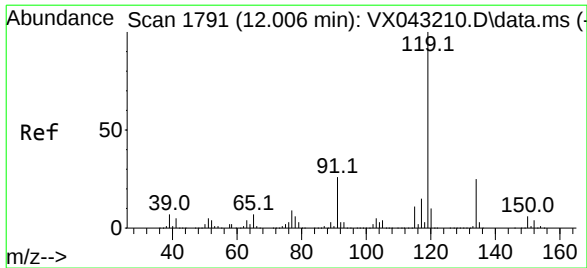
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#85
sec-Butylbenzene
Concen: 0.727 ug/l m
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX043317.D
Acq: 08 Oct 2024 11:40

Tgt Ion:105 Resp: 3100
Ion Ratio Lower Upper
105 100
134 0.0 10.1 30.1#





#86

p-Isopropyltoluene

Concen: 0.989 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX043317.D

Acq: 08 Oct 2024 11:40

Instrument :

MSVOA_X

ClientSampleId :

PORT-ELIZABETH-1201

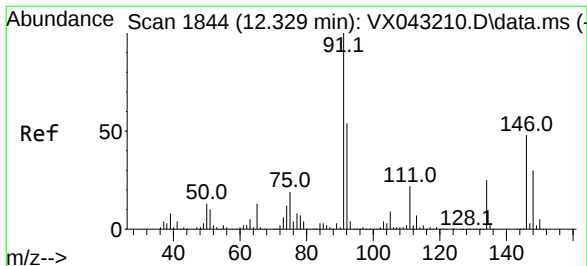
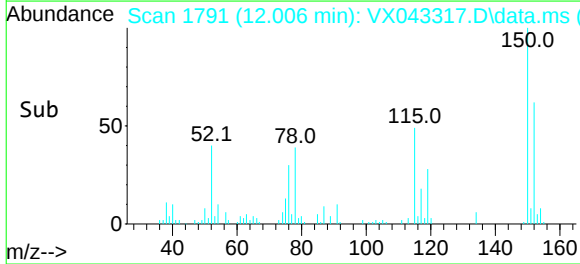
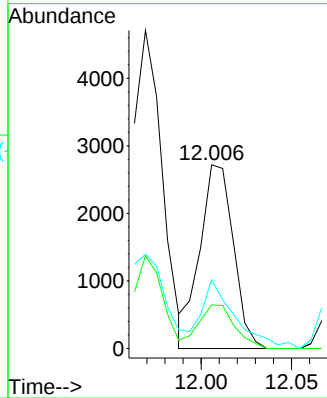
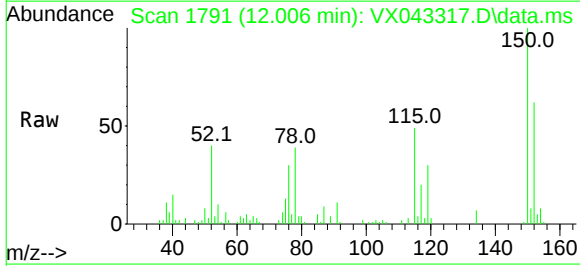
Tgt Ion:	119	Resp:	3517
Ion Ratio	Lower	Upper	
119	100		
134	25.6	13.0	38.9
91	36.6	13.0	39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#89

n-Butylbenzene

Concen: 1.882 ug/l m

RT: 12.323 min Scan# 1843

Delta R.T. -0.006 min

Lab File: VX043317.D

Acq: 08 Oct 2024 11:40

Tgt Ion:	91	Resp:	5604
Ion Ratio	Lower	Upper	
91	100		
92	72.9	27.0	81.0
134	300.3	12.9	38.6#

