

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010324\
 Data File : VX039611.D
 Acq On : 03 Jan 2024 18:37
 Operator : JC/MD
 Sample : 06039-05
 Misc : 6.05g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EC48-BOTTOM

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/04/2024
 Supervised By : Mahesh Dadoda 01/04/2024

Quant Time: Jan 04 03:37:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	91222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	195311	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108377	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79303	47.455	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.900%		
35) Dibromofluoromethane	5.385	113	60828	45.081	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.160%		
50) Toluene-d8	8.647	98	248184	49.544	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.080%		
62) 4-Bromofluorobenzene	11.085	95	114707	55.499	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	111.000%		
Target Compounds						
18) Methyl Acetate	2.721	43	4281	1.184	ug/l	98
20) Methylene Chloride	2.782	84	1408	1.011	ug/l #	84
25) 2-Butanone	4.580	43	272096	188.687	ug/l	98
37) Ethyl Acetate	4.727	43	32873	12.496	ug/l	96
52) Toluene	8.720	92	3674	1.011	ug/l	100
67) Ethyl Benzene	10.195	91	12415	1.472	ug/l	97
68) m/p-Xylenes	10.305	106	5411	1.790	ug/l	91
70) Styrene	10.659	104	1776358	415.653	ug/l	93
73) Isopropylbenzene	10.964	105	19561	2.339	ug/l	100
78) n-propylbenzene	11.305	91	14909	1.447	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	47219m	6.464	ug/l	

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

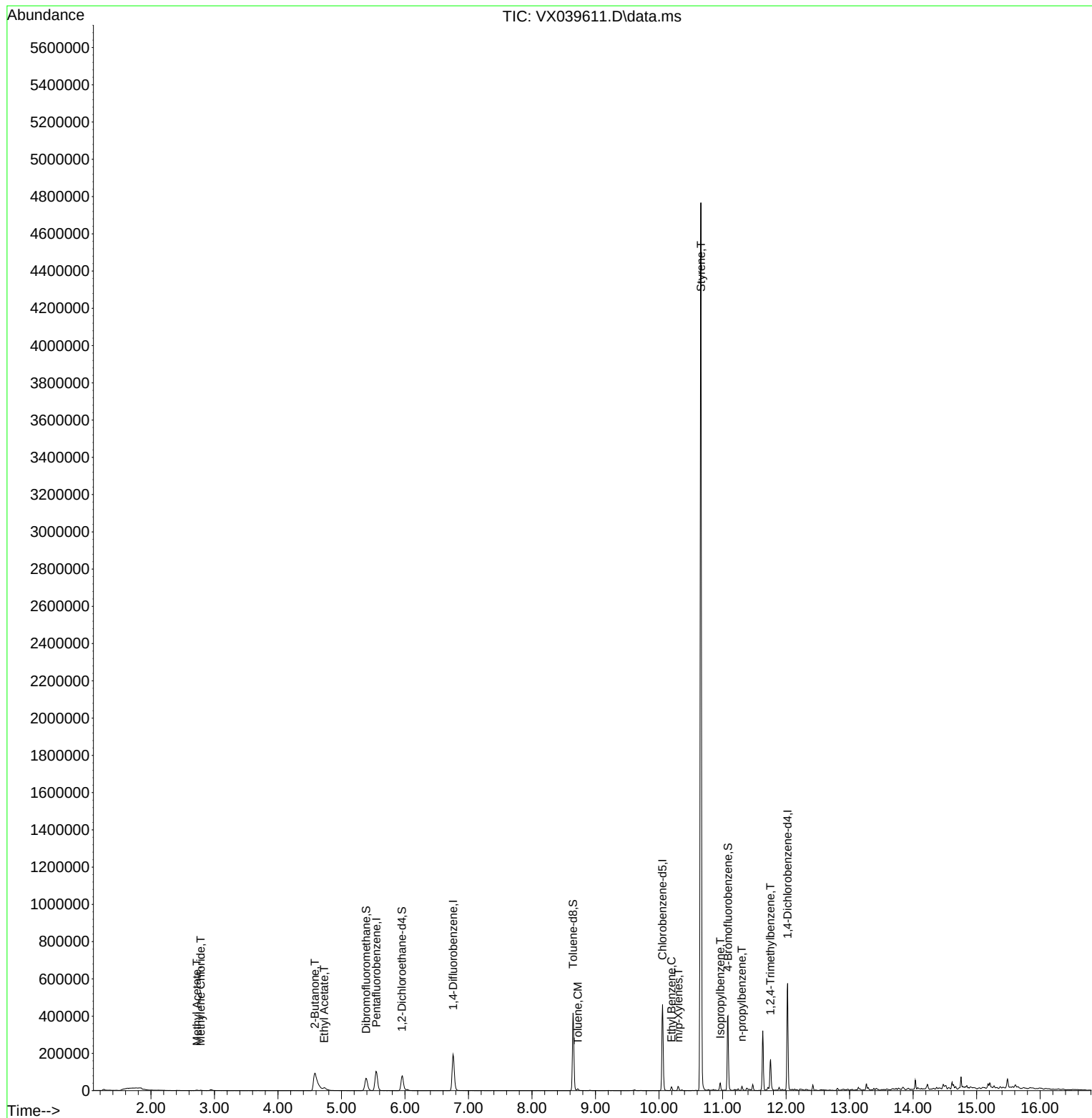
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010324\
Data File : VX039611.D
Acq On : 03 Jan 2024 18:37
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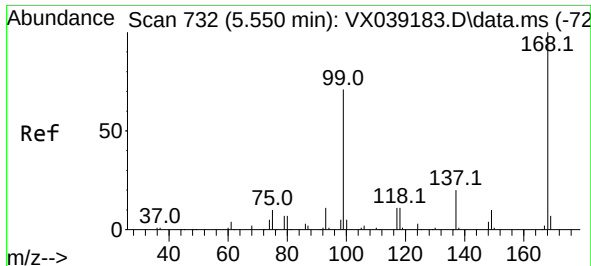
Instrument :
MSVOA_X
ClientSampleId :
EC48-BOTTOM

Quant Time: Jan 04 03:37:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

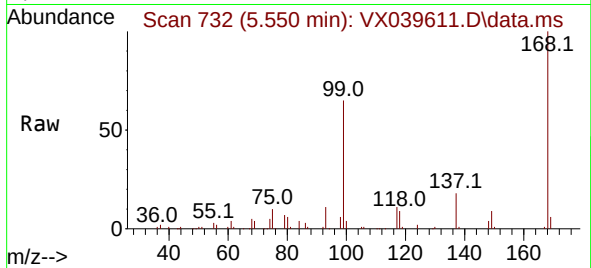
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX039611.D
Acq: 03 Jan 2024 18:37

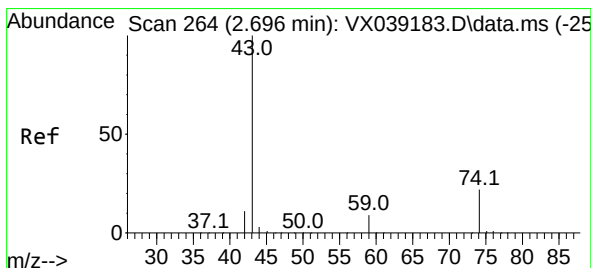
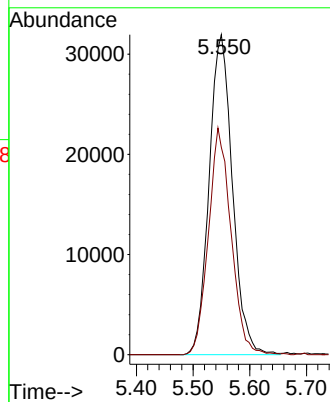
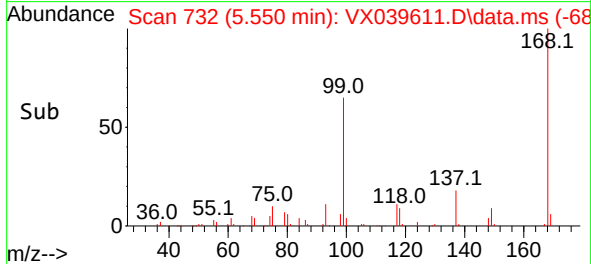
Instrument :
MSVOA_X
ClientSampleId :
EC48-BOTTOM



Tgt Ion:168 Resp: 9122
Ion Ratio Lower Upper
168 100
99 64.8 56.6 85.0

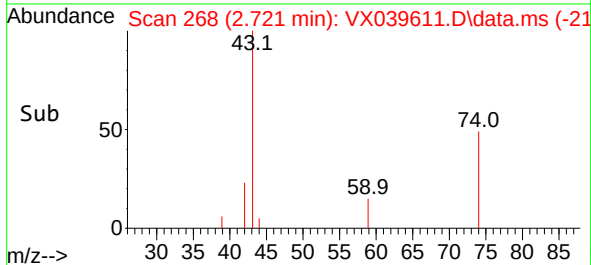
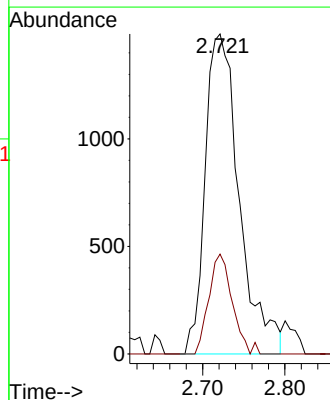
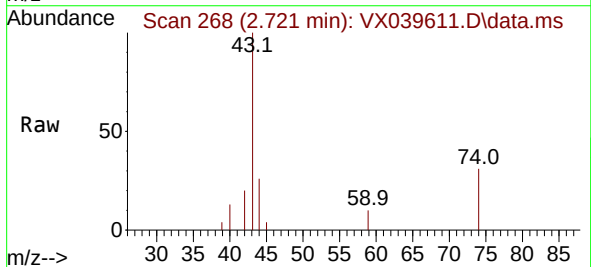
Manual Integrations
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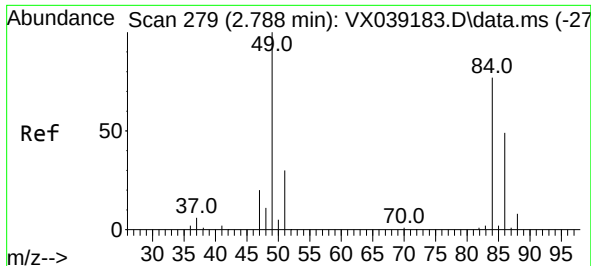
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#18
Methyl Acetate
Concen: 1.184 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.025 min
Lab File: VX039611.D
Acq: 03 Jan 2024 18:37

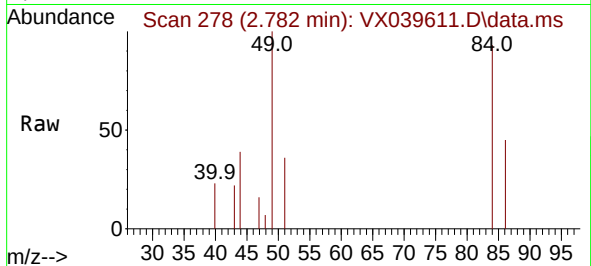
Tgt Ion: 43 Resp: 4281
Ion Ratio Lower Upper
43 100
74 21.5 17.8 26.8





#20
Methylene Chloride
Concen: 1.011 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX039611.D
Acq: 03 Jan 2024 18:37

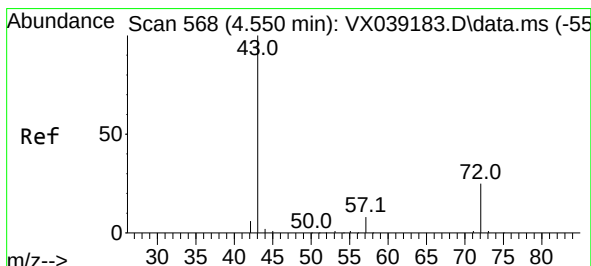
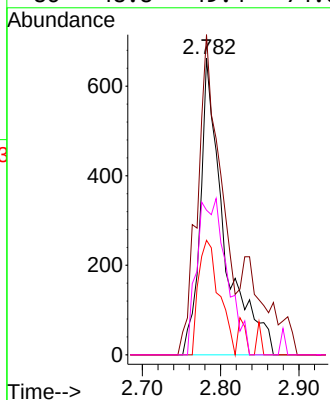
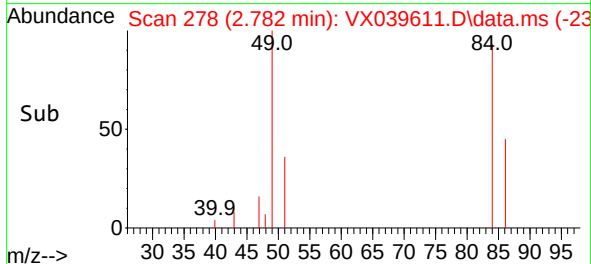
Instrument :
MSVOA_X
ClientSampleId :
EC48-BOTTOM



Tgt Ion: 84 Resp: 1408
Ion Ratio Lower Upper
84 100
49 108.0 103.6 155.4
51 38.7 33.8 50.6
86 48.8 49.4 74.0#

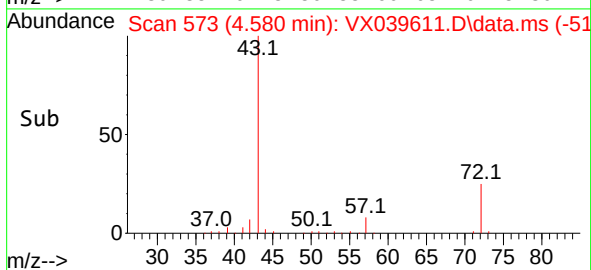
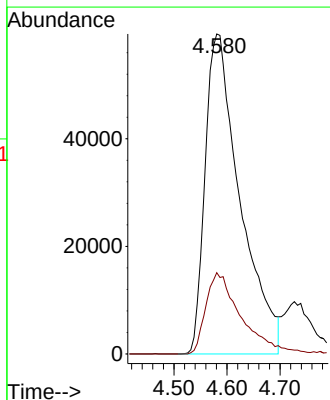
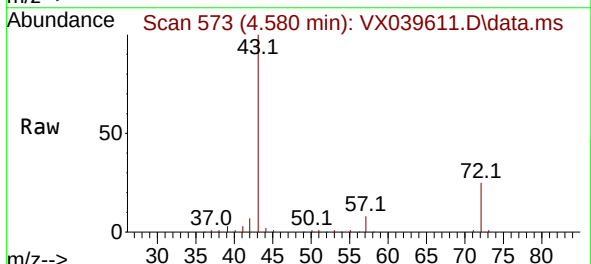
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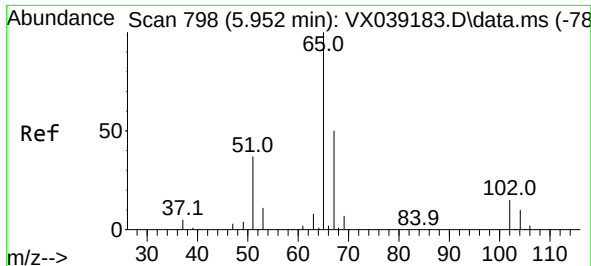
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#25
2-Butanone
Concen: 188.687 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.031 min
Lab File: VX039611.D
Acq: 03 Jan 2024 18:37

Tgt Ion: 43 Resp: 272096
Ion Ratio Lower Upper
43 100
72 25.4 19.4 29.2





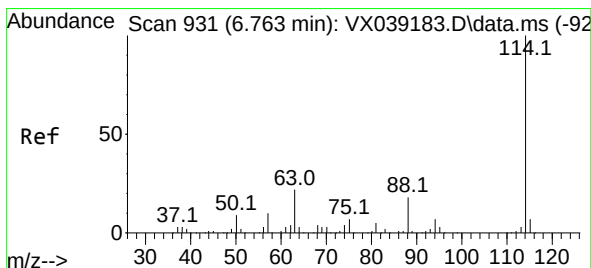
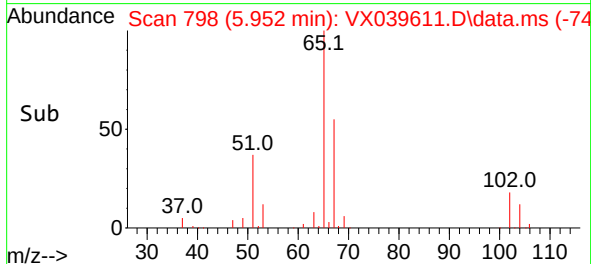
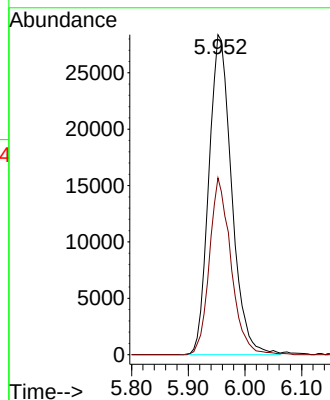
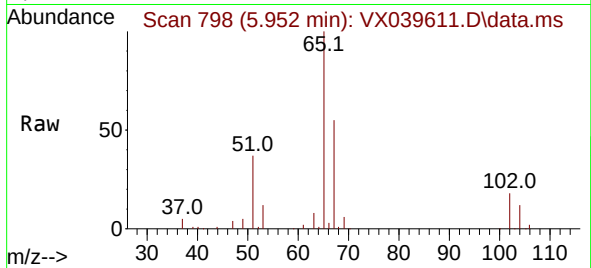
#33
1,2-Dichloroethane-d4
Concen: 47.455 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039611.D
Acq: 03 Jan 2024 18:37

Instrument :
MSVOA_X
ClientSampleId :
EC48-BOTTOM

Tgt Ion: 65 Resp: 7930
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.2

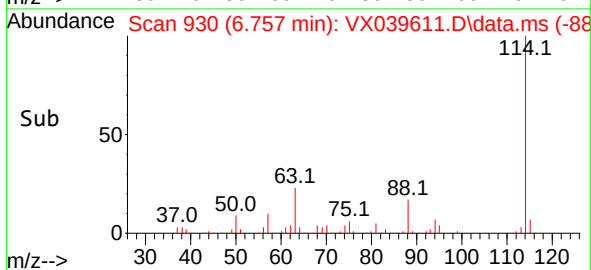
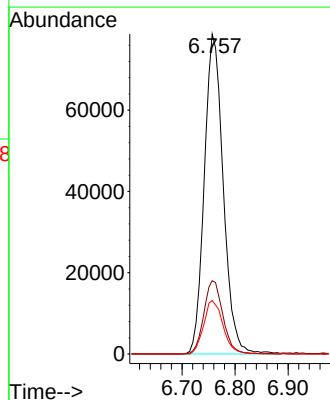
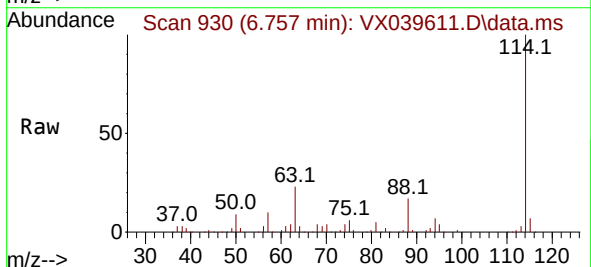
Manual Integrations
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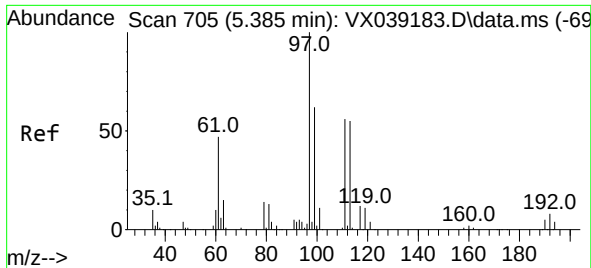
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX039611.D
Acq: 03 Jan 2024 18:37

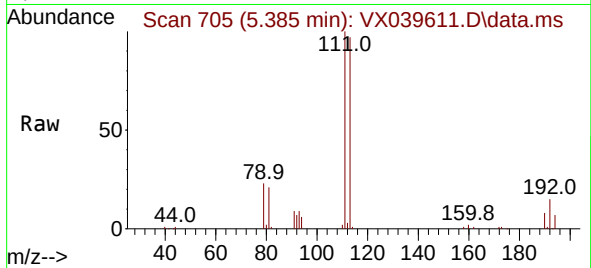
Tgt Ion:114 Resp: 195311
Ion Ratio Lower Upper
114 100
63 22.9 0.0 45.0
88 16.7 0.0 36.6





#35
Dibromofluoromethane
Concen: 45.081 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039611.D
Acq: 03 Jan 2024 18:37

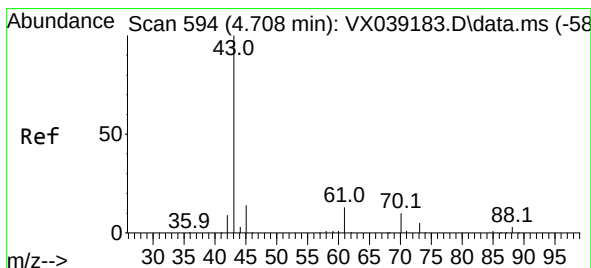
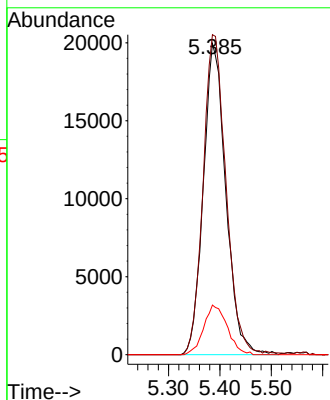
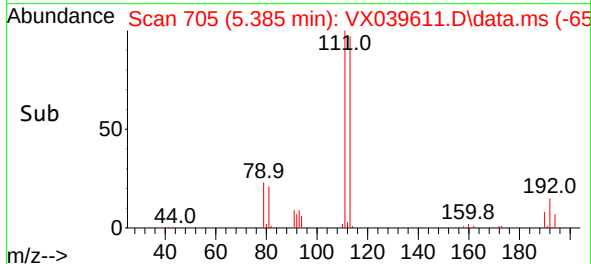
Instrument :
MSVOA_X
ClientSampleId :
EC48-BOTTOM



Tgt Ion: 113 Resp: 60828
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 16.7 13.3 19.9

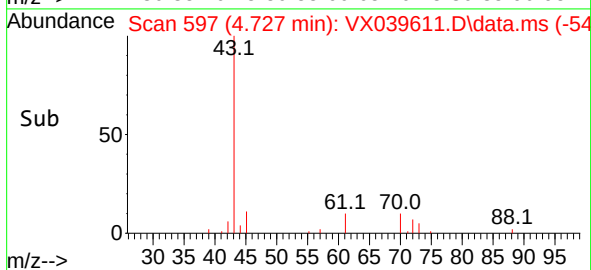
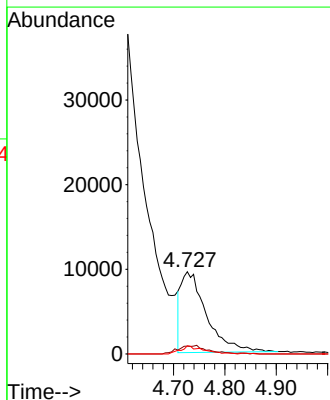
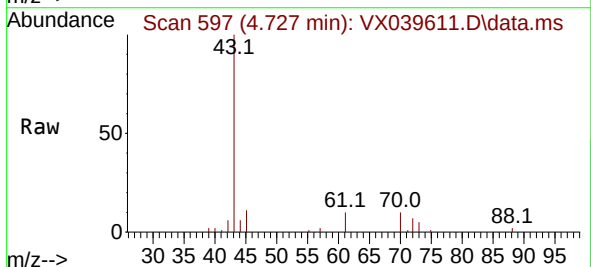
Manual Integrations
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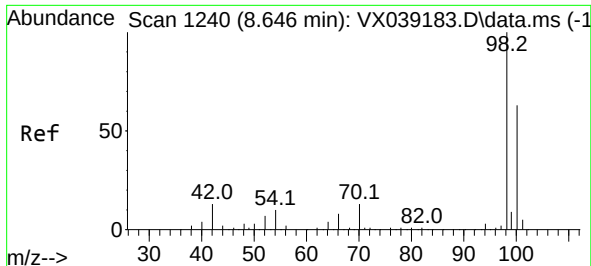
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#37
Ethyl Acetate
Concen: 12.496 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.019 min
Lab File: VX039611.D
Acq: 03 Jan 2024 18:37

Tgt Ion: 43 Resp: 32873
Ion Ratio Lower Upper
43 100
61 12.0 10.6 16.0
70 8.9 8.3 12.5





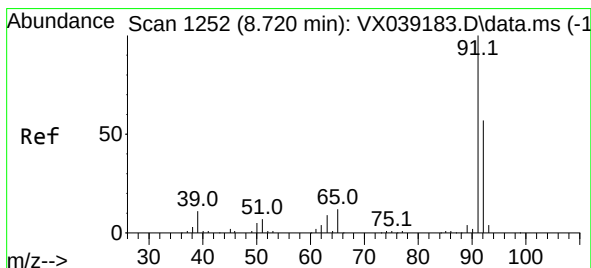
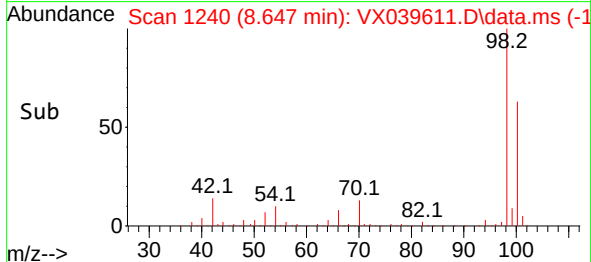
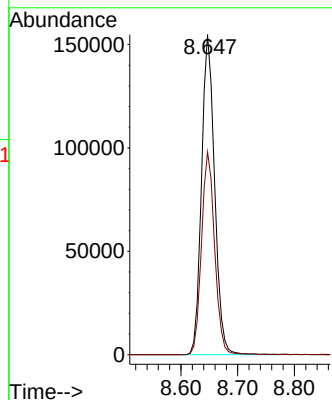
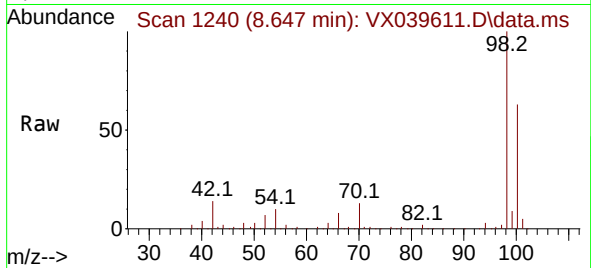
#50
Toluene-d8
Concen: 49.544 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039611.D
Acq: 03 Jan 2024 18:37

Instrument :
MSVOA_X
ClientSampleId :
EC48-BOTTOM

Tgt Ion: 98 Resp: 248184
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7

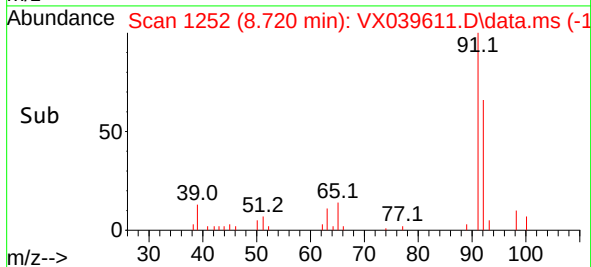
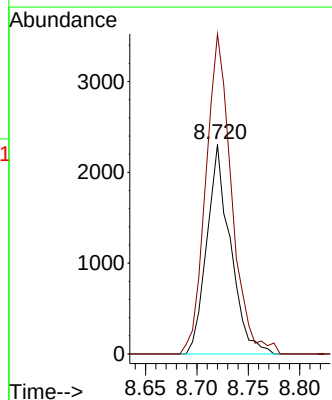
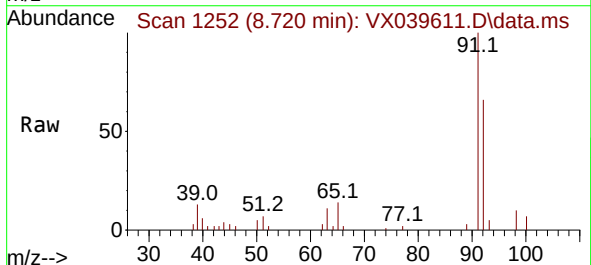
Manual Integrations
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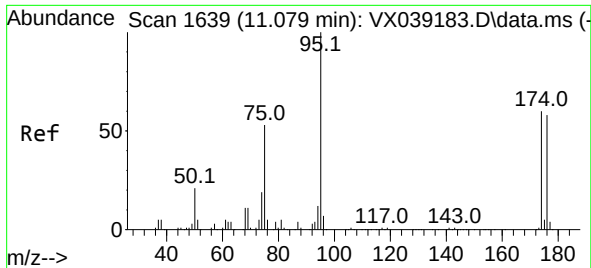
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#52
Toluene
Concen: 1.011 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX039611.D
Acq: 03 Jan 2024 18:37

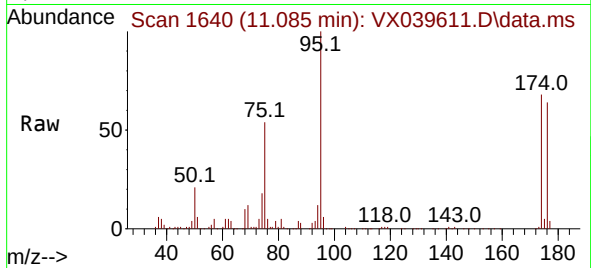
Tgt Ion: 92 Resp: 3674
Ion Ratio Lower Upper
92 100
91 167.3 134.2 201.2





#62
4-Bromofluorobenzene
Concen: 55.499 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX039611.D
Acq: 03 Jan 2024 18:37

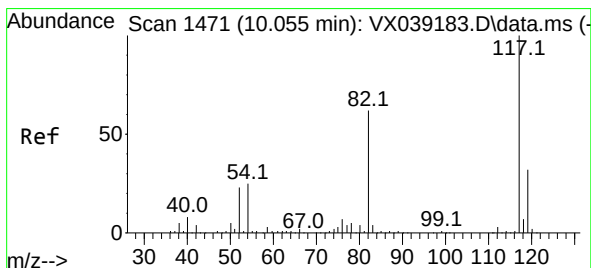
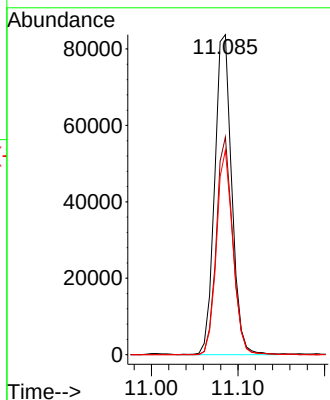
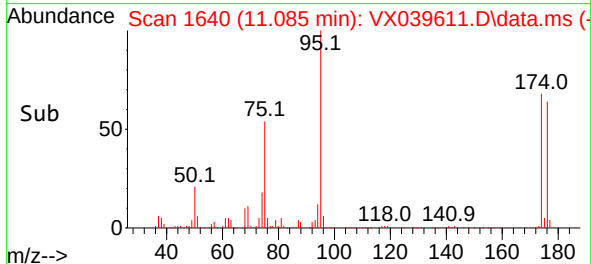
Instrument :
MSVOA_X
ClientSampleId :
EC48-BOTTOM



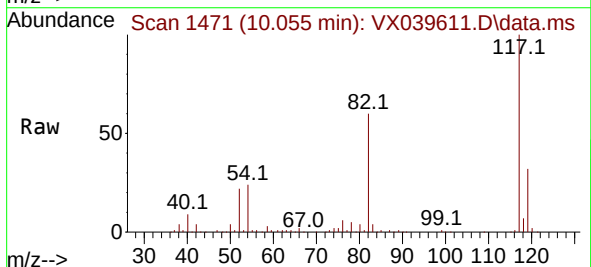
Tgt Ion: 95 Resp: 11470
Ion Ratio Lower Upper
95 100
174 65.3 0.0 135.6
176 61.5 0.0 131.0

Manual Integrations
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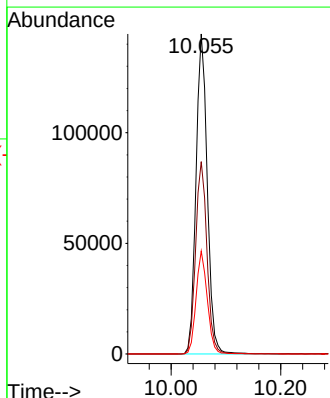
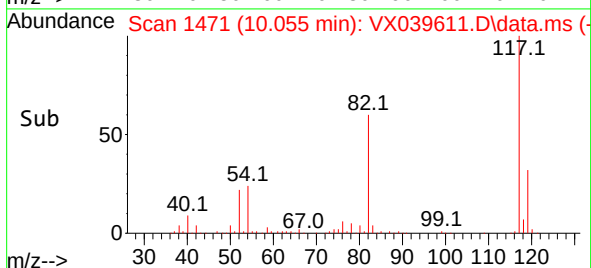
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024

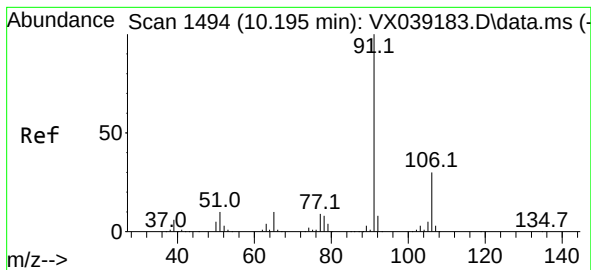


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039611.D
Acq: 03 Jan 2024 18:37



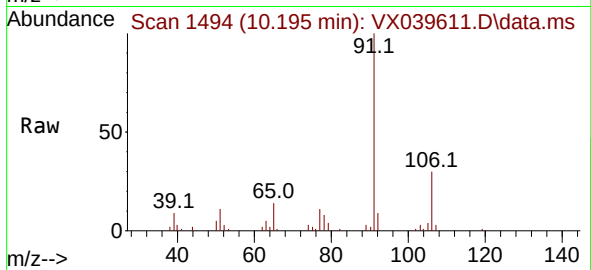
Tgt Ion:117 Resp: 207549
Ion Ratio Lower Upper
117 100
82 60.1 46.2 69.4
119 32.2 25.5 38.3





#67
Ethyl Benzene
Concen: 1.472 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX039611.D
Acq: 03 Jan 2024 18:37

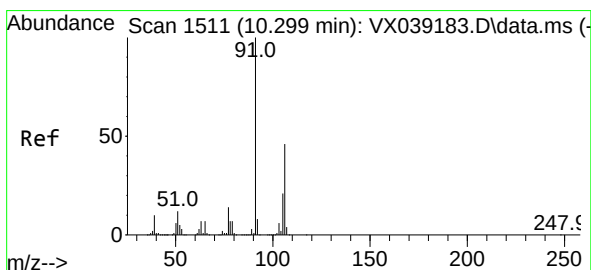
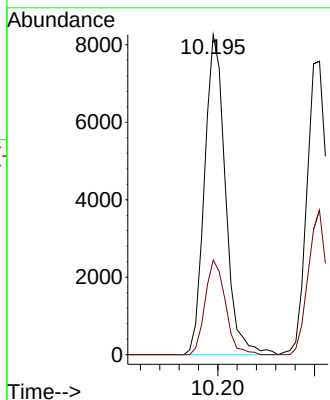
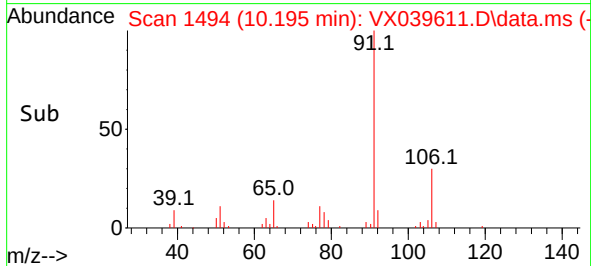
Instrument :
MSVOA_X
ClientSampleId :
EC48-BOTTOM



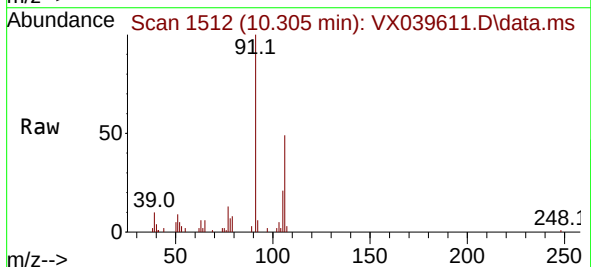
Tgt Ion: 91 Resp: 12415
Ion Ratio Lower Upper
91 100
106 29.6 24.9 37.3

Manual Integrations
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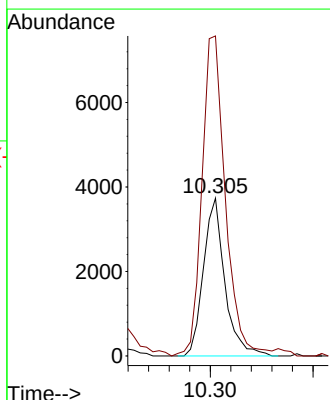
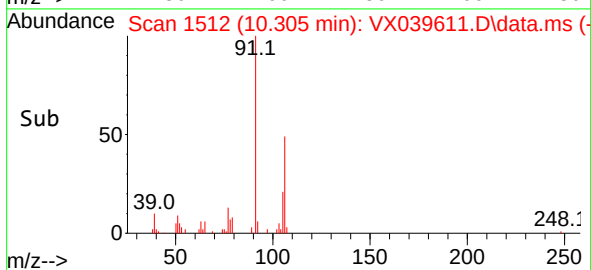
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024

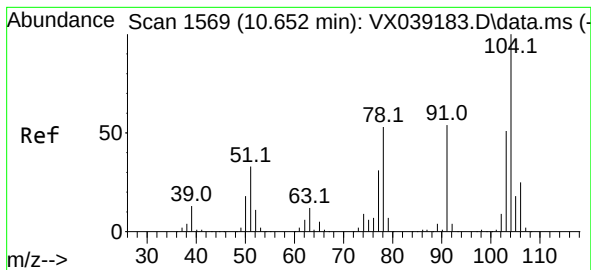


#68
m/p-Xylenes
Concen: 1.790 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX039611.D
Acq: 03 Jan 2024 18:37



Tgt Ion:106 Resp: 5411
Ion Ratio Lower Upper
106 100
91 221.3 165.5 248.3





#70

Styrene

Concen: 415.653 ug/l

RT: 10.659 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX039611.D

Acq: 03 Jan 2024 18:37

Instrument :

MSVOA_X

ClientSampleId :

EC48-BOTTOM

Tgt Ion:104 Resp: 177635

Ion Ratio Lower Upper

104 100

78 49.4 43.6 65.4

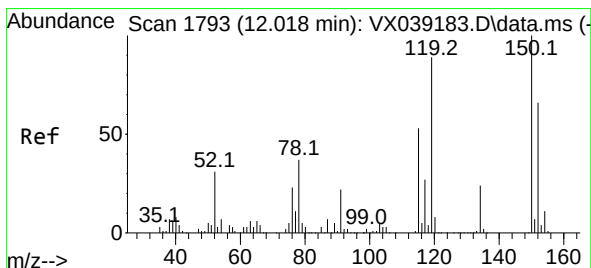
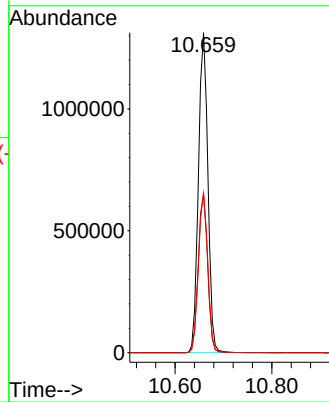
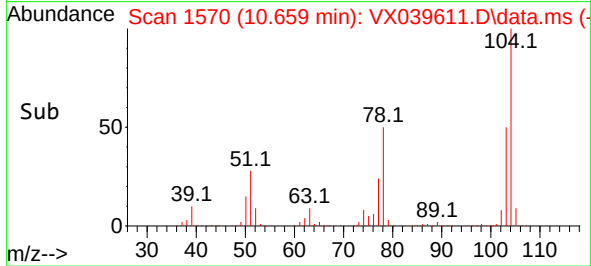
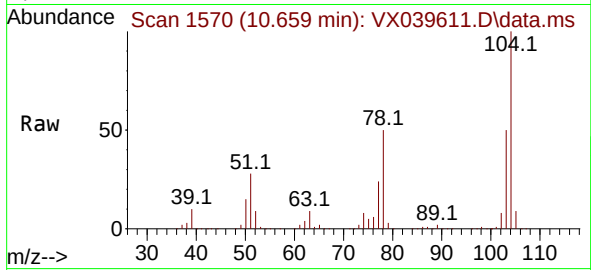
103 49.4 43.6 65.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2024

Supervised By :Mahesh Dadoda 01/04/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX039611.D

Acq: 03 Jan 2024 18:37

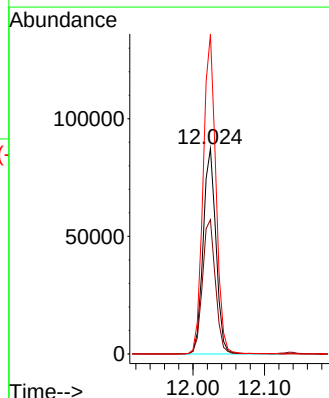
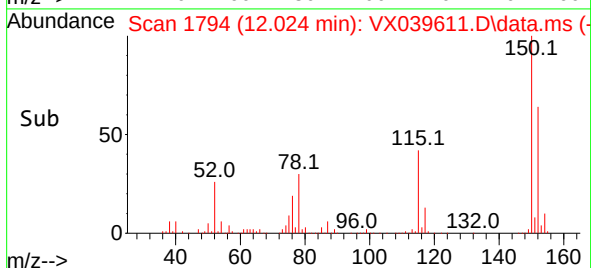
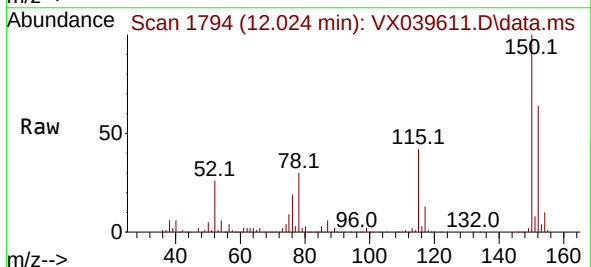
Tgt Ion:152 Resp: 108377

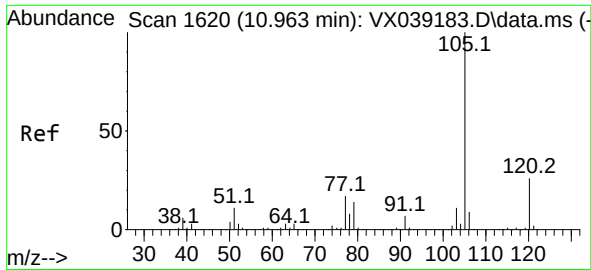
Ion Ratio Lower Upper

152 100

115 66.5 43.3 129.9

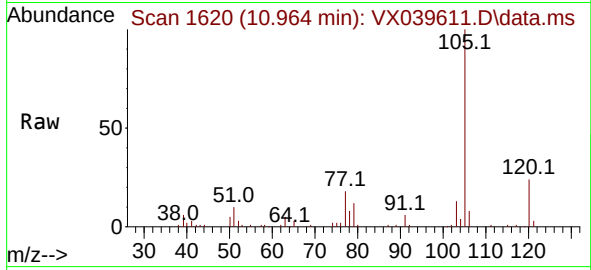
150 155.1 0.0 345.0





#73
Isopropylbenzene
Concen: 2.339 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX039611.D
Acq: 03 Jan 2024 18:37

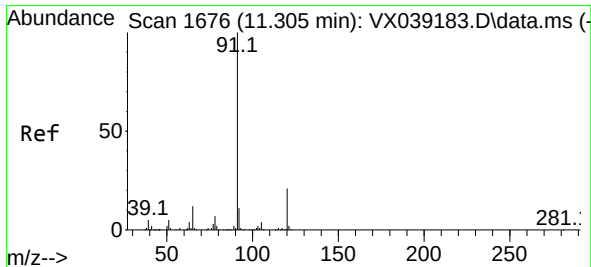
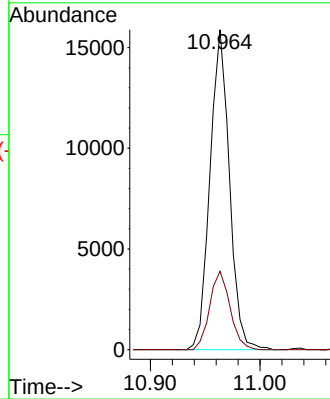
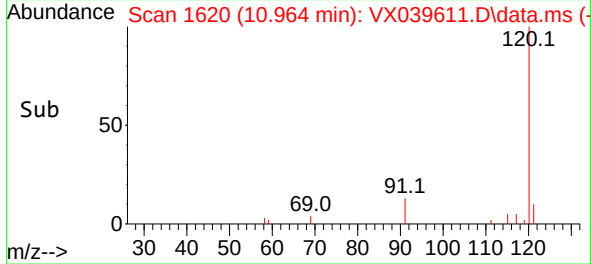
Instrument :
MSVOA_X
ClientSampleId :
EC48-BOTTOM



Tgt Ion:105 Resp: 1956
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.6

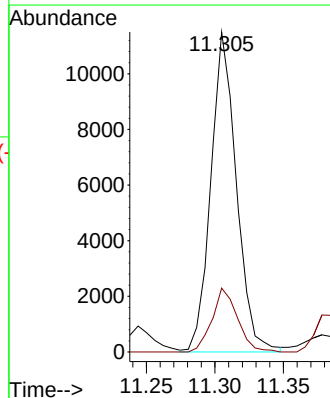
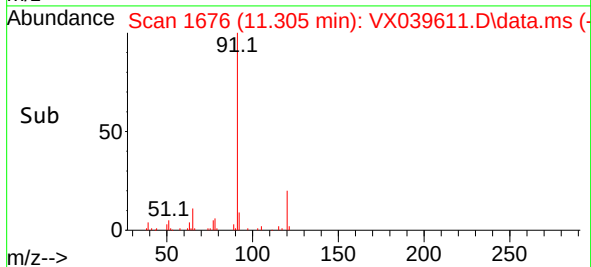
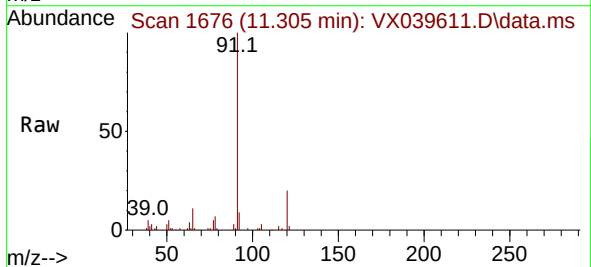
Manual Integrations
APPROVED

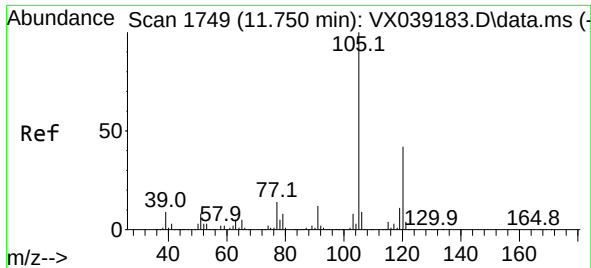
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#78
n-propylbenzene
Concen: 1.447 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX039611.D
Acq: 03 Jan 2024 18:37

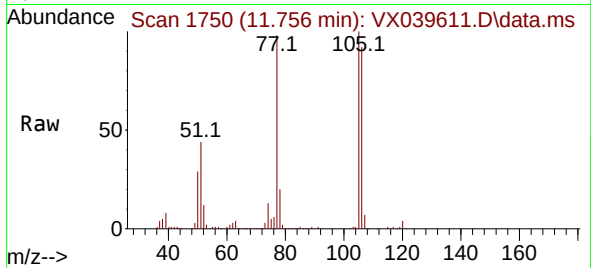
Tgt Ion: 91 Resp: 14909
Ion Ratio Lower Upper
91 100
120 19.8 11.5 34.4





#84
 1,2,4-Trimethylbenzene
 Concen: 6.464 ug/l m
 RT: 11.756 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX039611.D
 Acq: 03 Jan 2024 18:37

Instrument :
 MSVOA_X
 ClientSampleId :
 EC48-BOTTOM



Tgt Ion:105 Resp: 47219
 Ion Ratio Lower Upper
 105 100
 120 1.5 21.2 63.6

Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/04/2024
 Supervised By :Mahesh Dadoda 01/04/2024

