

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101322\
 Data File : VX032119.D
 Acq On : 13 Oct 2022 18:54
 Operator : JC/MD
 Sample : N5141-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SV34211L

Quant Time: Oct 14 07:53:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/14/2022
 Supervised By : Mahesh Dadoda 10/14/2022

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	74292	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.769	114	99666	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	75426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	52187	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	43932	28.634	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	57.260%#		
35) Dibromofluoromethane	5.397	113	25772	22.844	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	45.680%#		
50) Toluene-d8	8.652	98	197645	48.687	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.380%		
62) 4-Bromofluorobenzene	11.085	95	57339	39.953	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	79.900%#		
Target Compounds					Qvalue	
16) Acetone	2.385	43	49560	95.043	ug/l	94
25) 2-Butanone	4.574	43	9339	11.457	ug/l	98
29) Tetrahydrofuran	5.025	42	3238	6.157	ug/l #	77
40) Benzene	6.043	78	1359	0.310	ug/l	91
51) 4-Methyl-2-Pentanone	8.585	43	888	0.627	ug/l	99
52) Toluene	8.726	92	13542	4.728	ug/l	97
67) Ethyl Benzene	10.195	91	24418	6.316	ug/l	96
68) m/p-Xylenes	10.305	106	57692	37.550	ug/l	96
69) o-Xylene	10.646	106	42083	28.180	ug/l	100
73) Isopropylbenzene	10.963	105	8734	2.219	ug/l	99
78) n-propylbenzene	11.304	91	28163	6.291	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	76468	23.424	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	347607	104.818	ug/l	99
85) sec-Butylbenzene	11.890	105	7608m	1.902	ug/l	
86) p-Isopropyltoluene	12.012	119	7960	2.364	ug/l	96
89) n-Butylbenzene	12.323	91	23250	8.244	ug/l #	24

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

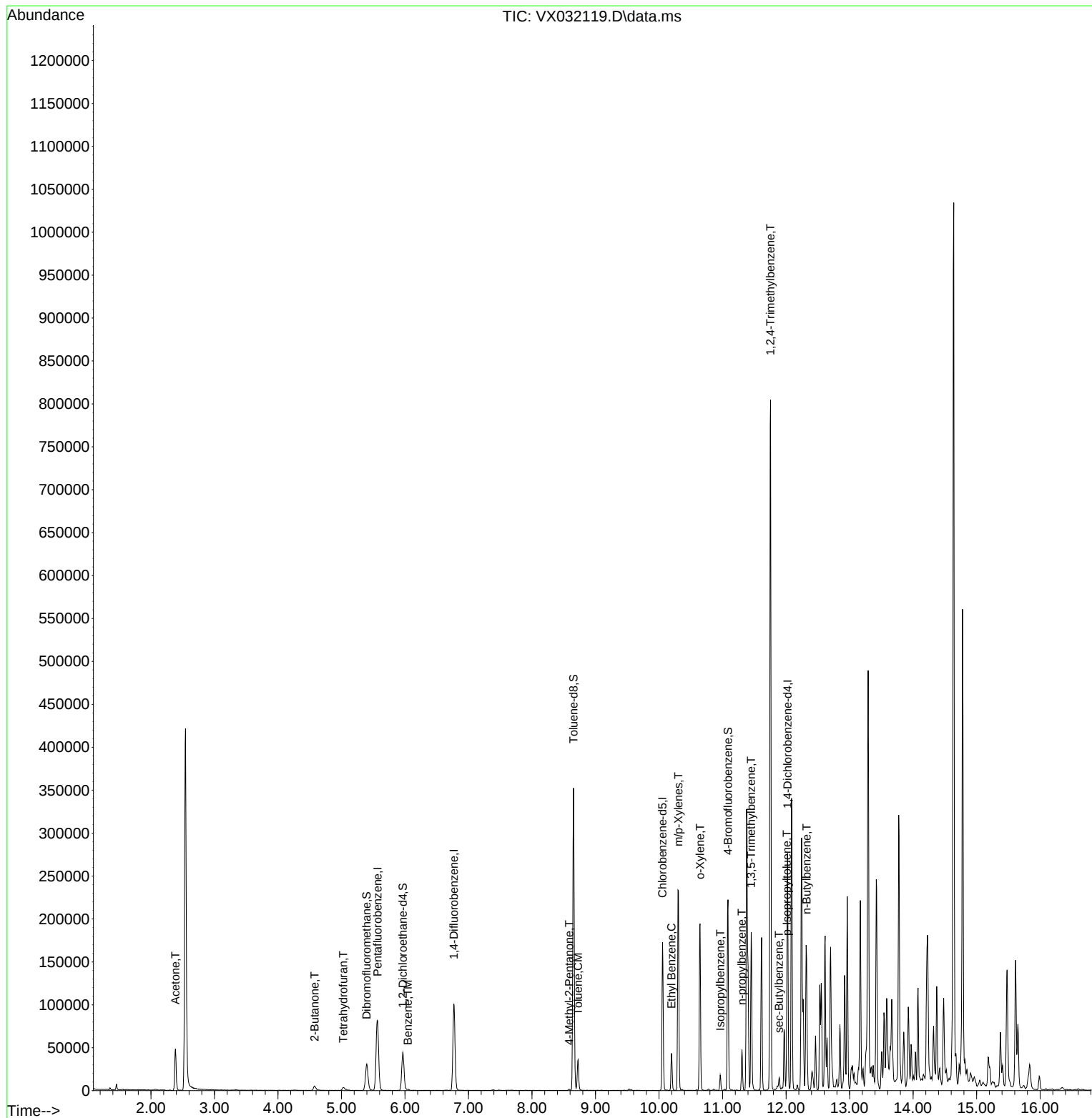
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101322\
Data File : VX032119.D
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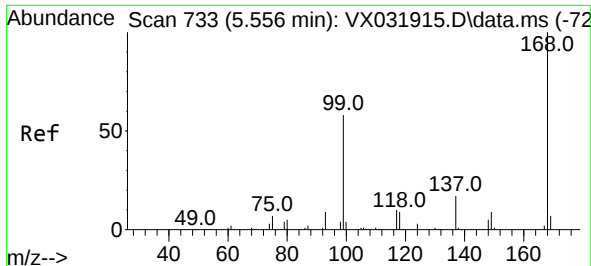
Instrument :
MSVOA_X
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Quant Title : SW846 8260
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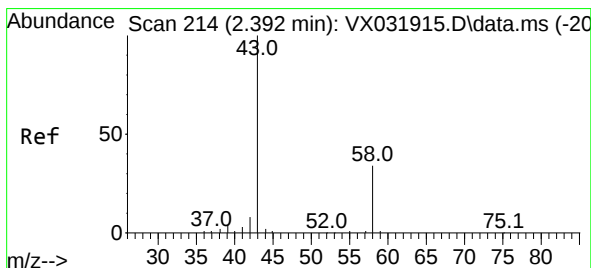
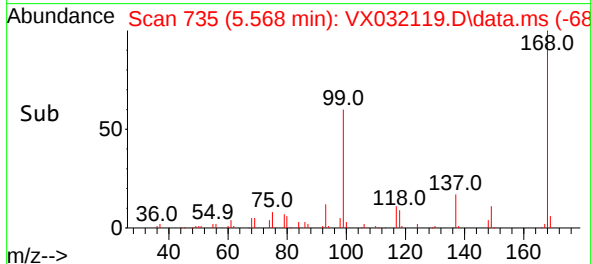
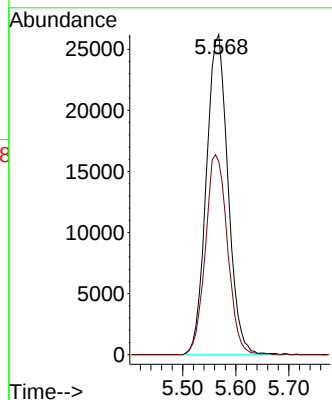
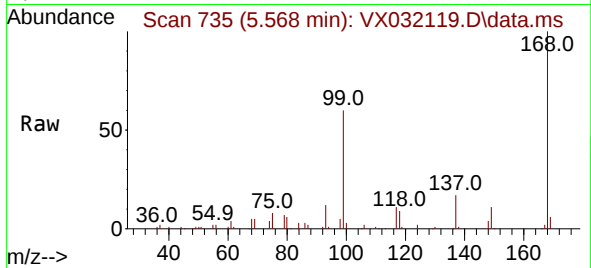
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX032119.D
Acq: 13 Oct 2022 18:54

Instrument :
MSVOA_X
ClientSampleId :
SV34211L

Tgt Ion:168 Resp: 74292
Ion Ratio Lower Upper
168 100
99 60.4 48.8 73.2

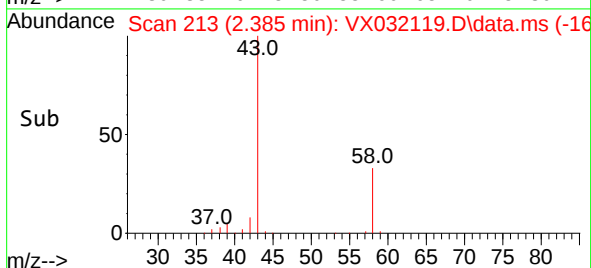
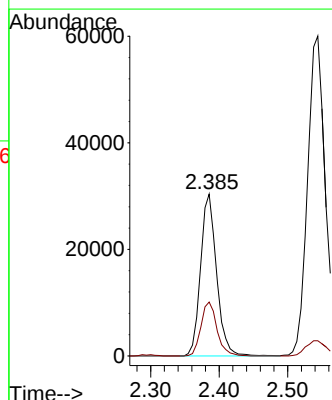
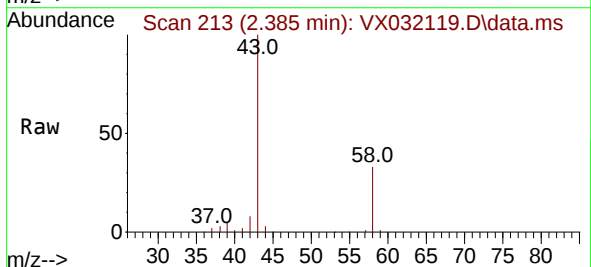
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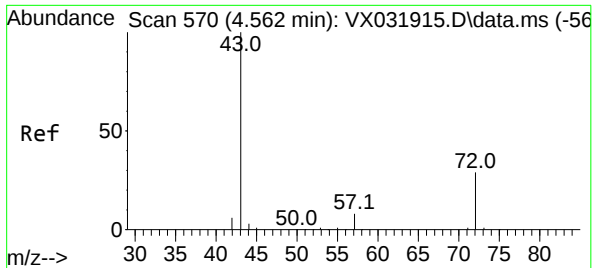
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#16
Acetone
Concen: 95.043 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX032119.D
Acq: 13 Oct 2022 18:54

Tgt Ion: 43 Resp: 49560
Ion Ratio Lower Upper
43 100
58 33.3 23.8 35.8





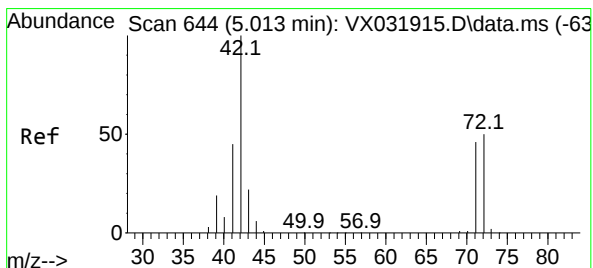
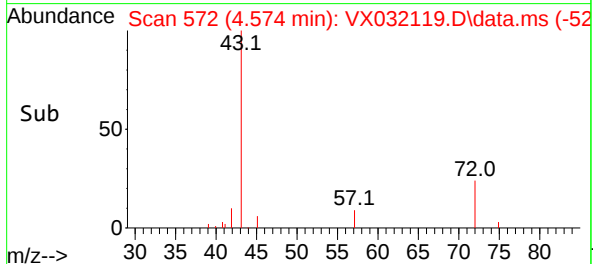
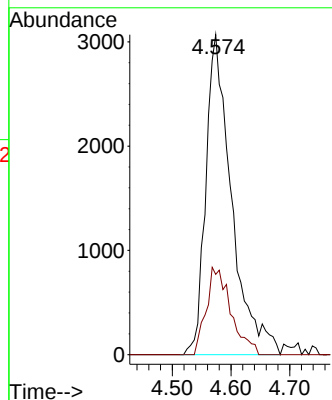
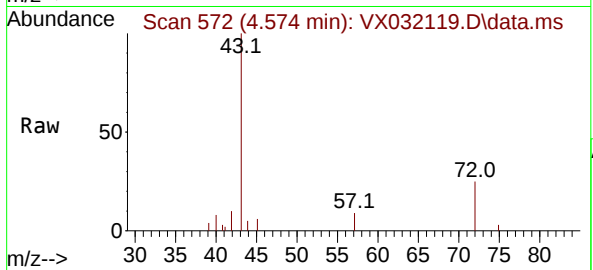
#25
2-Butanone
Concen: 11.457 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX032119.D
Acq: 13 Oct 2022 18:54

Instrument :
MSVOA_X
ClientSampleId :
SV34211L

Tgt Ion: 43 Resp: 9339
Ion Ratio Lower Upper
43 100
72 25.1 21.1 31.7

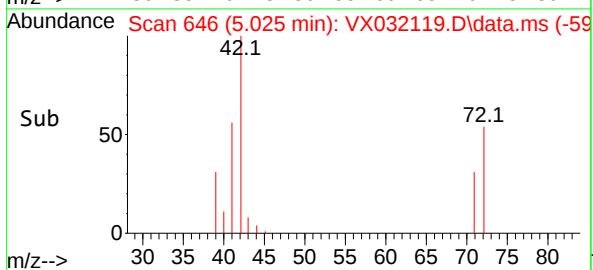
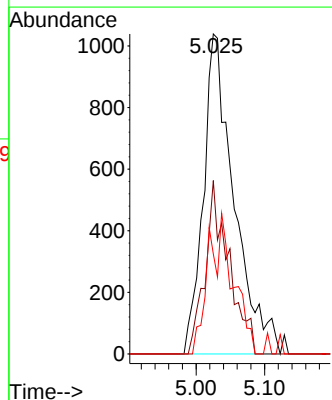
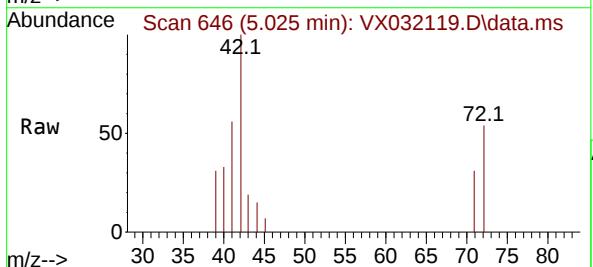
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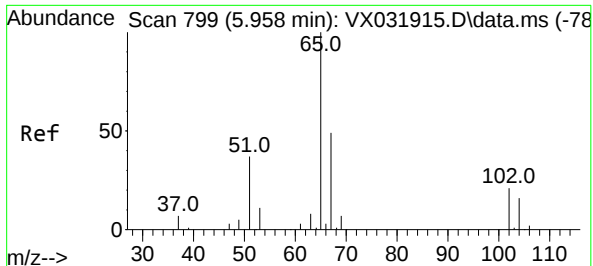
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#29
Tetrahydrofuran
Concen: 6.157 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.012 min
Lab File: VX032119.D
Acq: 13 Oct 2022 18:54

Tgt Ion: 42 Resp: 3238
Ion Ratio Lower Upper
42 100
72 41.7 36.4 54.6
71 15.3 33.5 50.3#





#33

1,2-Dichloroethane-d4

Concen: 28.634 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX032119.D

Acq: 13 Oct 2022 18:54

Instrument :

MSVOA_X

ClientSampleId :

SV34211L

Tgt Ion: 65 Resp: 4393

Ion Ratio Lower Upper

65 100

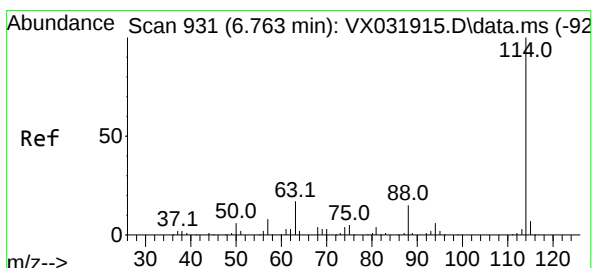
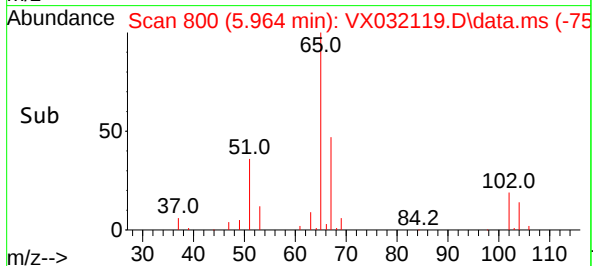
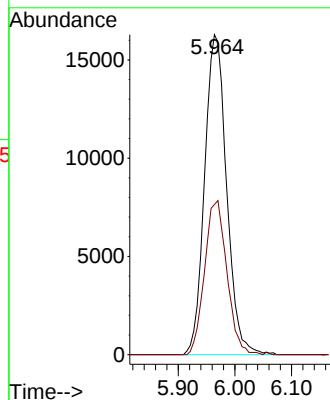
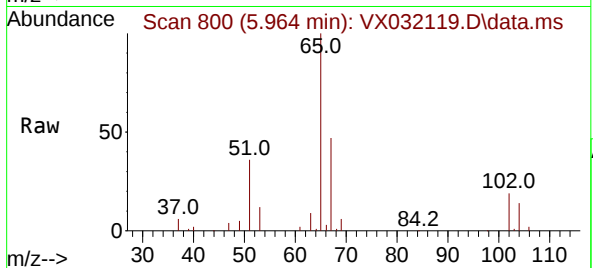
67 48.7 0.0 102.4

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX032119.D

Acq: 13 Oct 2022 18:54

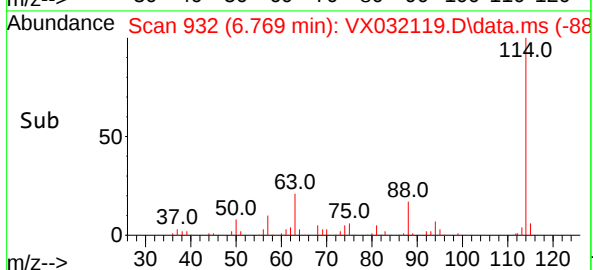
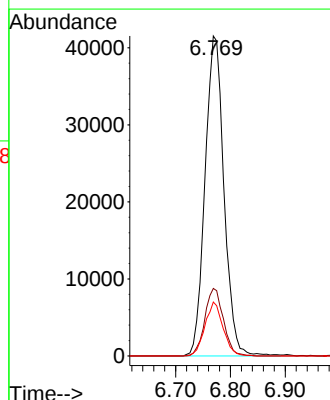
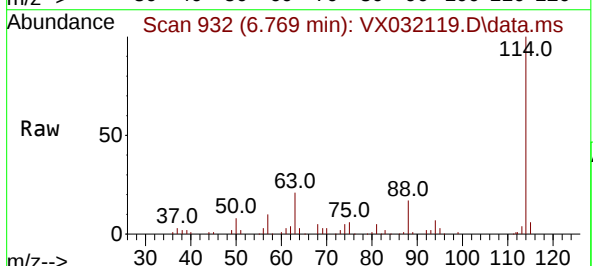
Tgt Ion:114 Resp: 99666

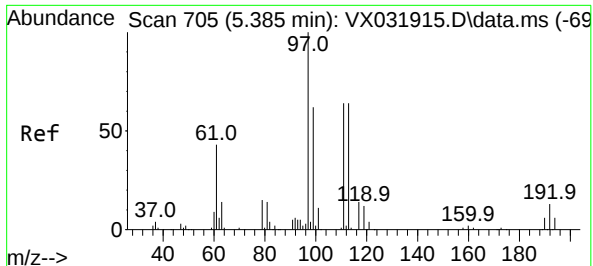
Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.6

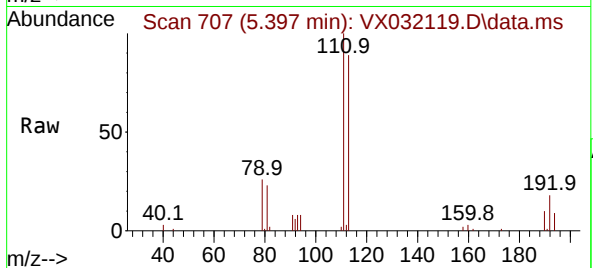
88 16.8 0.0 33.0





#35
Dibromofluoromethane
Concen: 22.844 ug/l
RT: 5.397 min Scan# 705
Delta R.T. 0.012 min
Lab File: VX032119.D
Acq: 13 Oct 2022 18:54

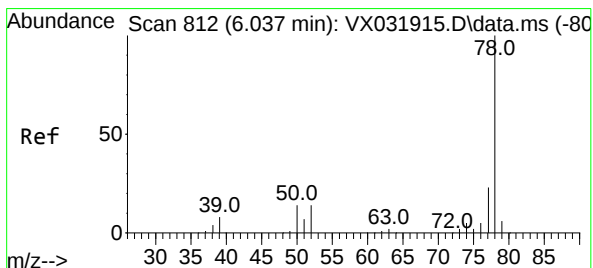
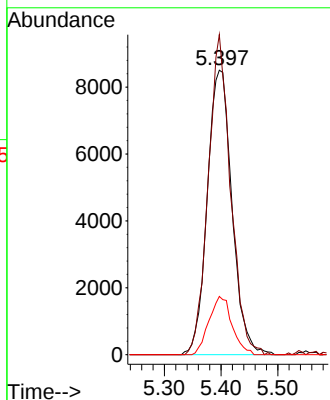
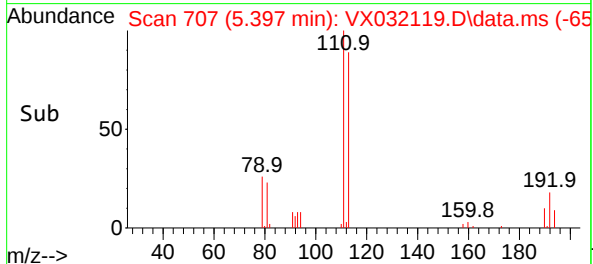
Instrument :
MSVOA_X
ClientSampleId :
SV34211L



Tgt Ion:113 Resp: 25772
Ion Ratio Lower Upper
113 100
111 101.9 82.4 123.6
192 19.1 14.1 21.1

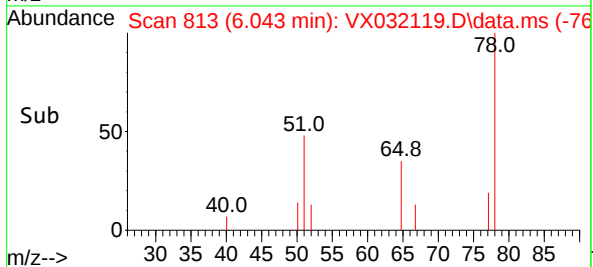
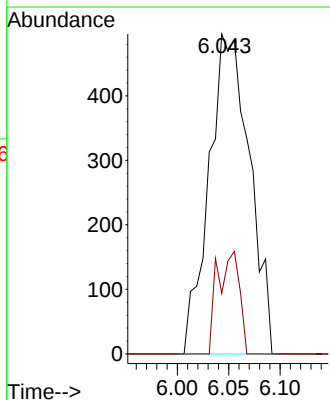
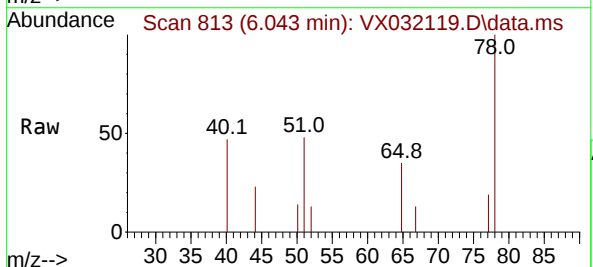
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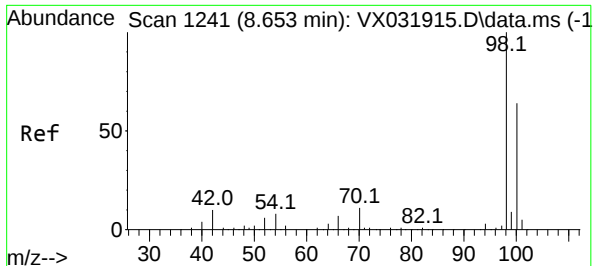
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#40
Benzene
Concen: 0.310 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX032119.D
Acq: 13 Oct 2022 18:54

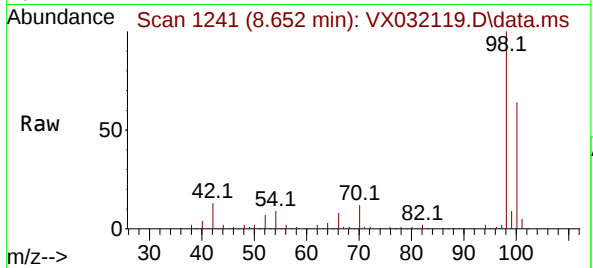
Tgt Ion: 78 Resp: 1359
Ion Ratio Lower Upper
78 100
77 19.0 18.7 28.1





#50
Toluene-d8
Concen: 48.687 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. -0.001 min
Lab File: VX032119.D
Acq: 13 Oct 2022 18:54

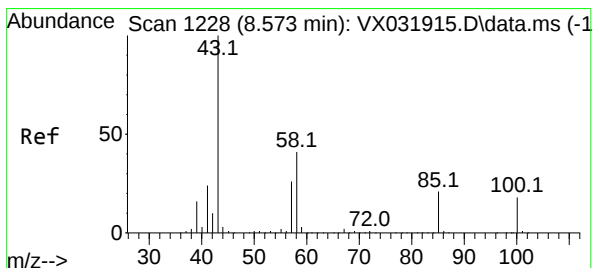
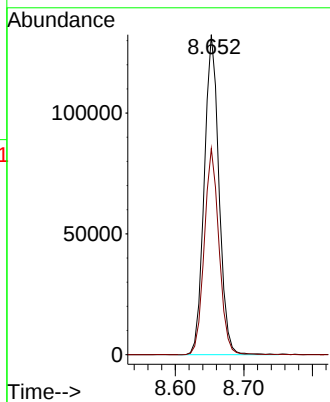
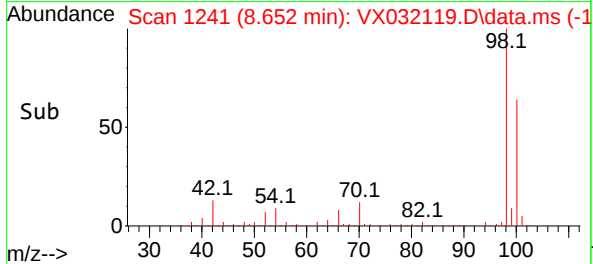
Instrument :
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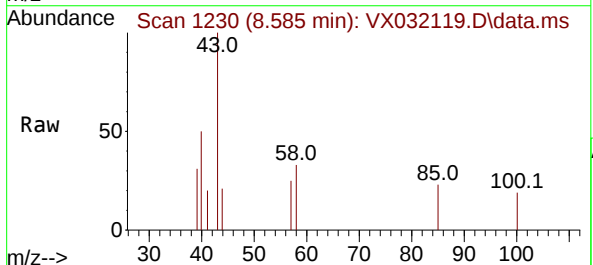
Tgt Ion: 98 Resp: 197649
Ion Ratio Lower Upper
98 100
100 64.4 52.5 78.7

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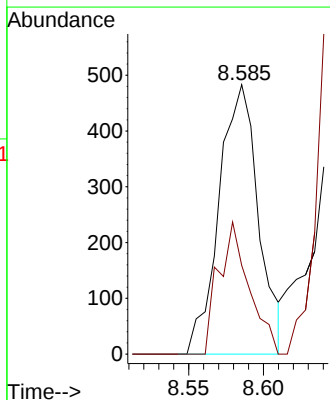
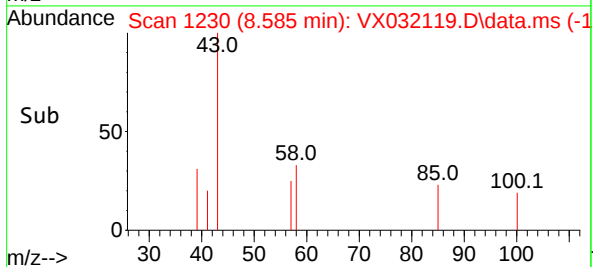
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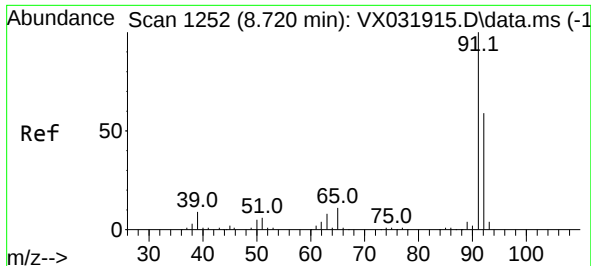


#51
4-Methyl-2-Pentanone
Concen: 0.627 ug/l
RT: 8.585 min Scan# 1230
Delta R.T. 0.012 min
Lab File: VX032119.D
Acq: 13 Oct 2022 18:54



Tgt Ion: 43 Resp: 888
Ion Ratio Lower Upper
43 100
58 37.7 30.6 46.0





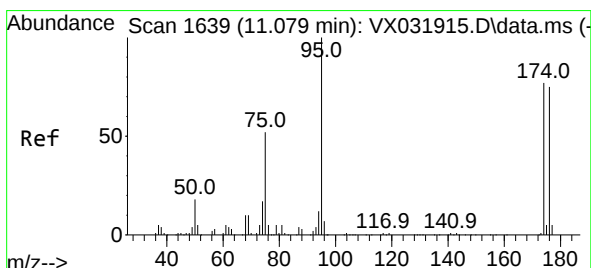
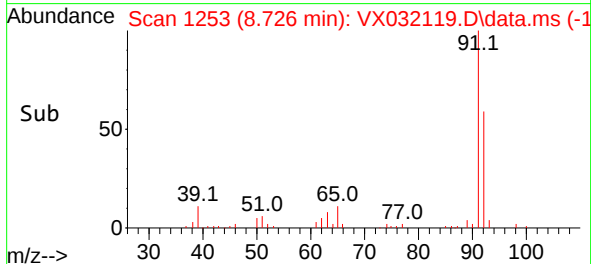
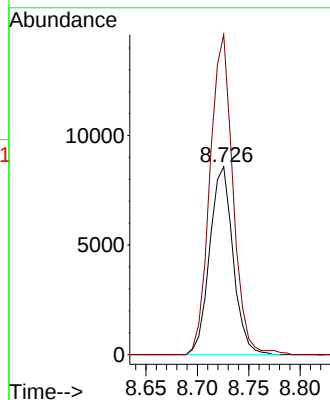
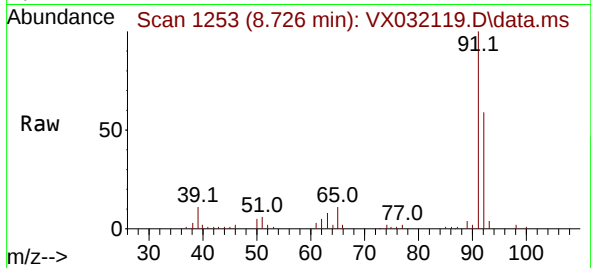
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Toluene
Concen: 4.728 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX032119.D
Acq: 13 Oct 2022 18:54

Instrument :
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SV34211L

Tgt Ion: 92 Resp: 1354
Ion Ratio Lower Upper
92 100
91 167.8 137.1 205.7

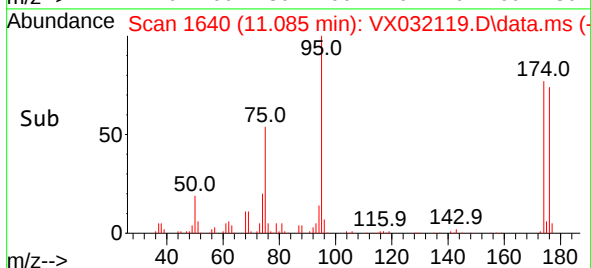
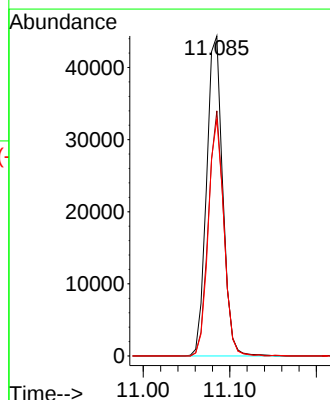
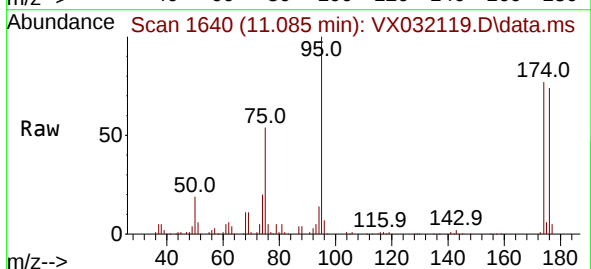
Manual Integrations
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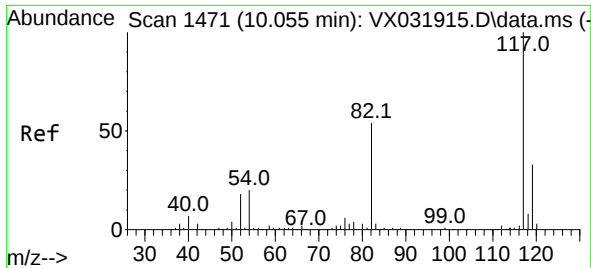
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#62
4-Bromofluorobenzene
Concen: 39.953 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX032119.D
Acq: 13 Oct 2022 18:54

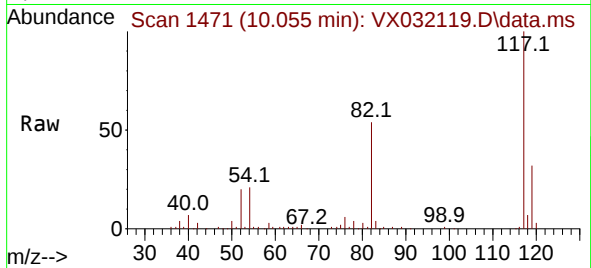
Tgt Ion: 95 Resp: 57339
Ion Ratio Lower Upper
95 100
174 73.5 0.0 153.2
176 71.5 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032119.D
Acq: 13 Oct 2022 18:54

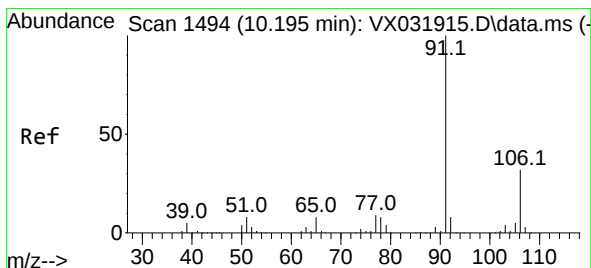
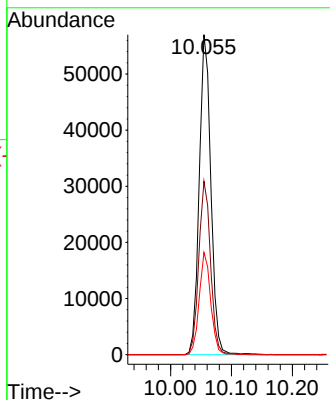
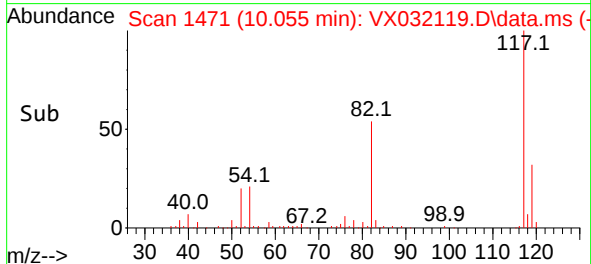
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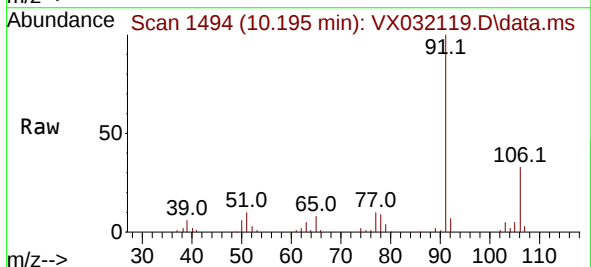
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Ion Ratio Lower Upper
117 100
82 54.2 46.8 70.2
119 32.0 26.4 39.6

Manual Integrations
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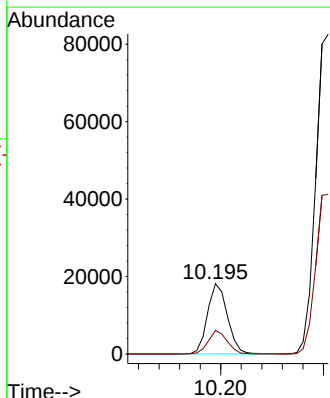
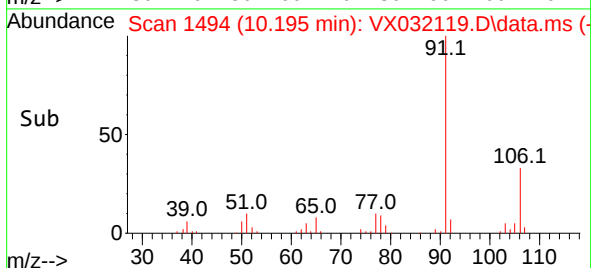
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

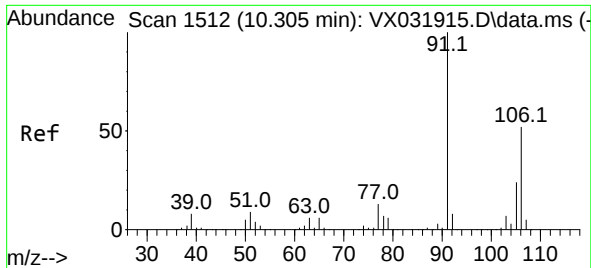


#67
Ethyl Benzene
Concen: 6.316 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX032119.D
Acq: 13 Oct 2022 18:54



Tgt Ion: 91 Resp: 24418
Ion Ratio Lower Upper
91 100
106 33.5 25.2 37.8





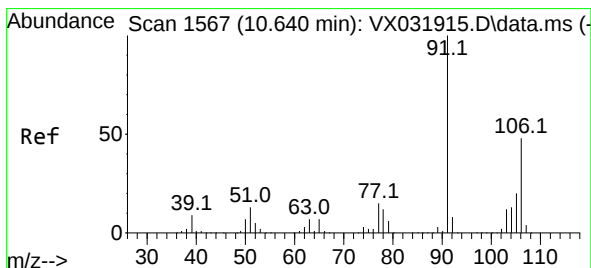
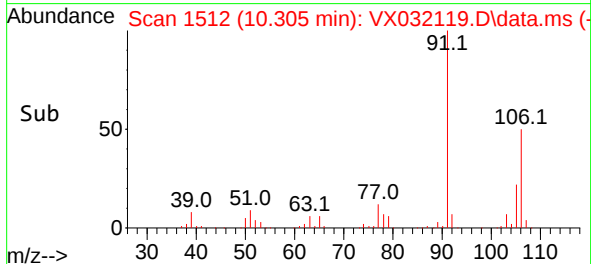
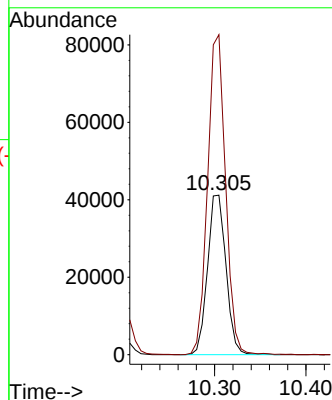
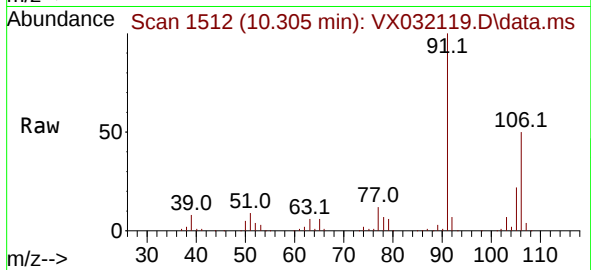
#68
m/p-Xylenes
Concen: 37.550 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX032119.D
Acq: 13 Oct 2022 18:54

Instrument :
MSVOA_X
ClientSampleId :
SV34211L

Tgt Ion:106 Resp: 57692
Ion Ratio Lower Upper
106 100
91 195.3 161.0 241.4

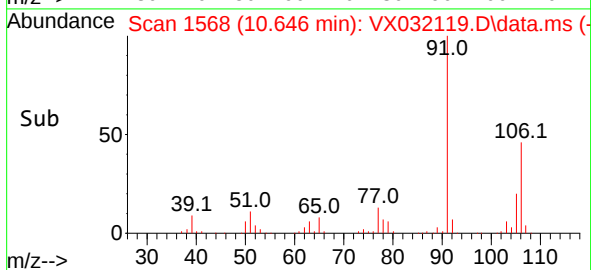
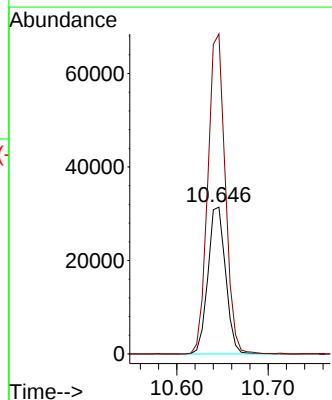
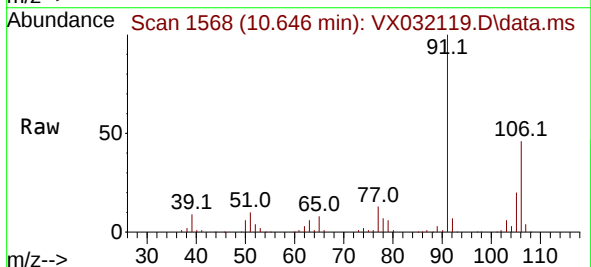
Manual Integrations
APPROVED

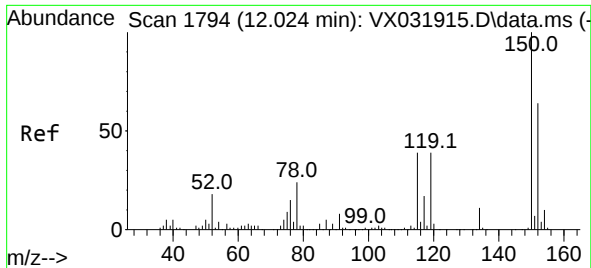
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#69
o-Xylene
Concen: 28.180 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX032119.D
Acq: 13 Oct 2022 18:54

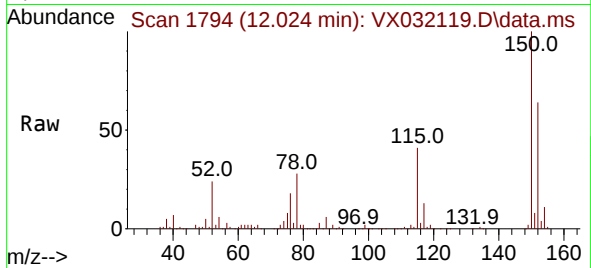
Tgt Ion:106 Resp: 42083
Ion Ratio Lower Upper
106 100
91 215.1 107.2 321.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032119.D
Acq: 13 Oct 2022 18:54

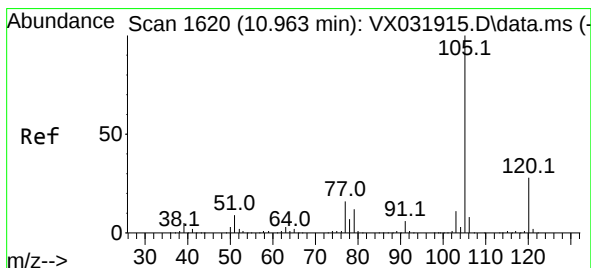
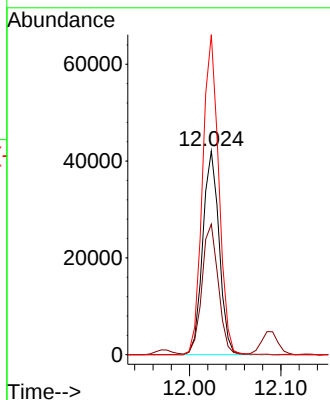
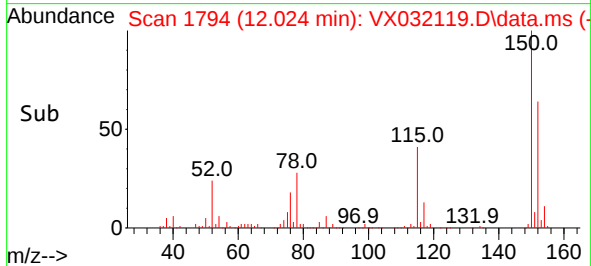
Instrument :
MSVOA_X
ClientSampleId :
SV34211L



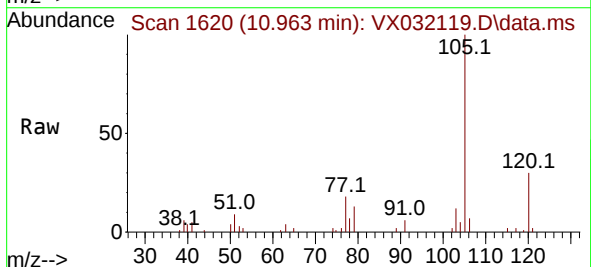
Tgt Ion:152 Resp: 5218
Ion Ratio Lower Upper
152 100
115 63.9 43.4 130.1
150 155.7 0.0 346.8

Manual Integrations
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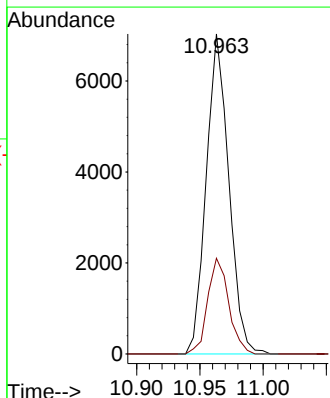
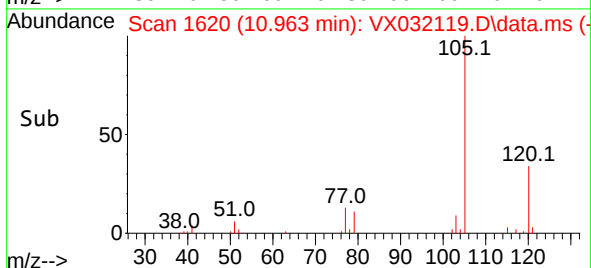
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

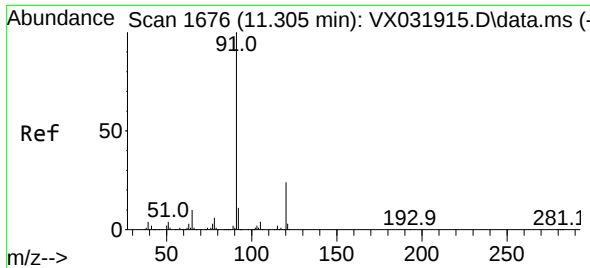


#73
Isopropylbenzene
Concen: 2.219 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX032119.D
Acq: 13 Oct 2022 18:54



Tgt Ion:105 Resp: 8734
Ion Ratio Lower Upper
105 100
120 27.9 13.7 41.0





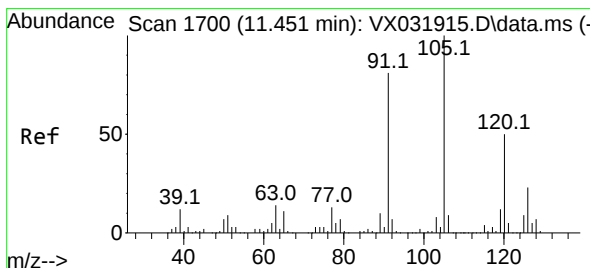
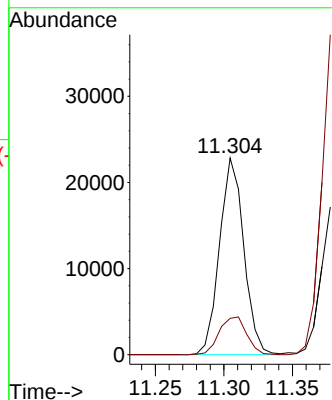
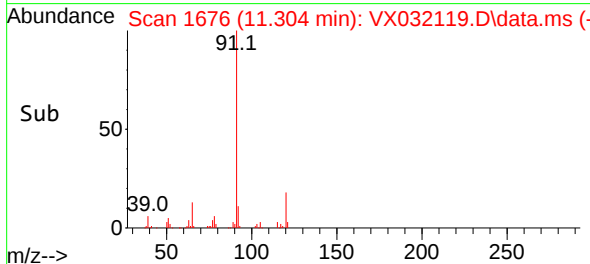
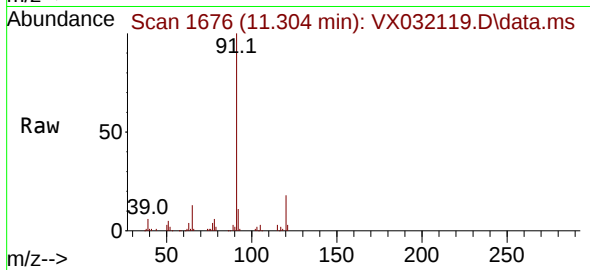
#78
n-propylbenzene
Concen: 6.291 ug/l
RT: 11.304 min Scan# 1676
Delta R.T. -0.001 min
Lab File: VX032119.D
Acq: 13 Oct 2022 18:54

Instrument :
MSVOA_X
ClientSampleId :
SV34211L

Tgt Ion: 91 Resp: 2816
Ion Ratio Lower Upper
91 100
120 21.7 11.8 35.4

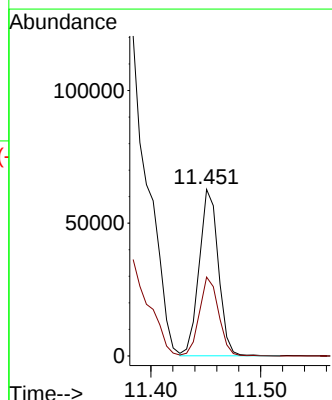
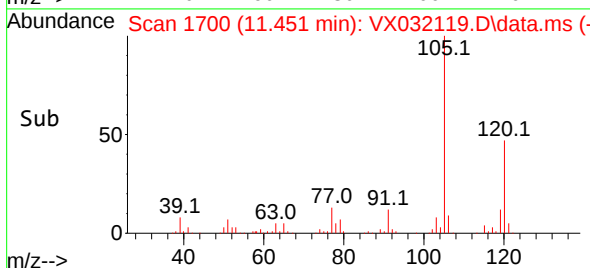
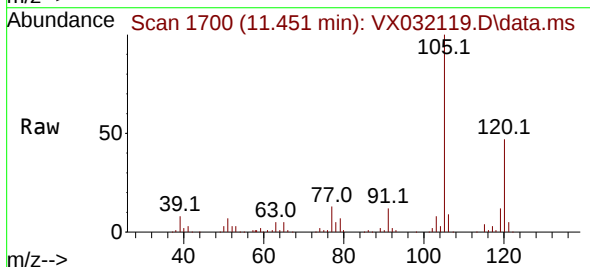
Manual Integrations
APPROVED

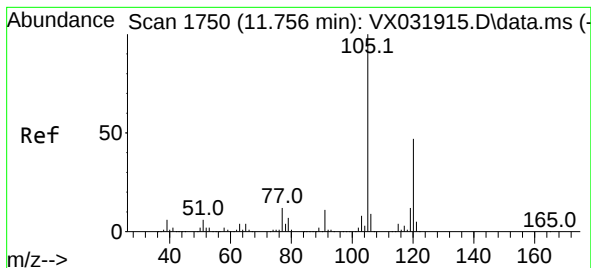
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#80
1,3,5-Trimethylbenzene
Concen: 23.424 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX032119.D
Acq: 13 Oct 2022 18:54

Tgt Ion:105 Resp: 76468
Ion Ratio Lower Upper
105 100
120 47.5 24.5 73.5





#84

1,2,4-Trimethylbenzene

Concen: 104.818 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX032119.D

Acq: 13 Oct 2022 18:54

Instrument :

MSVOA_X

ClientSampleId :

SV34211L

Tgt Ion:105 Resp: 34760

Ion Ratio Lower Upper

105 100

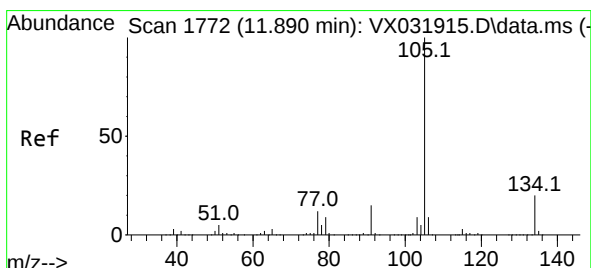
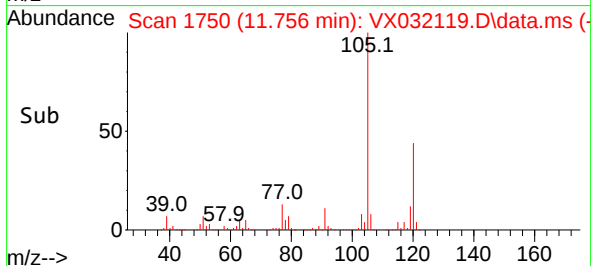
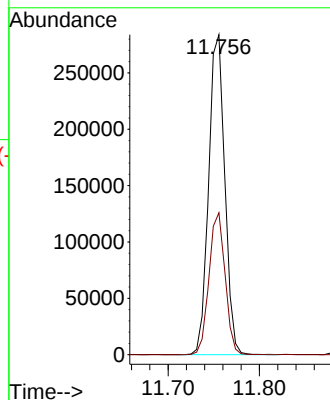
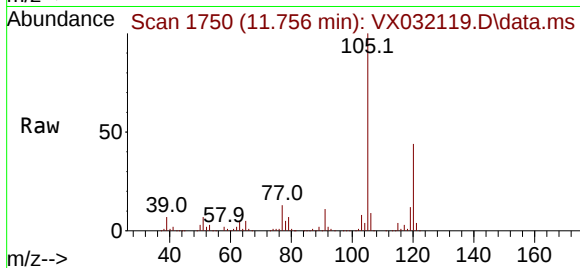
120 44.2 22.6 67.8

Manual Integrations

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Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#85

sec-Butylbenzene

Concen: 1.902 ug/l m

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX032119.D

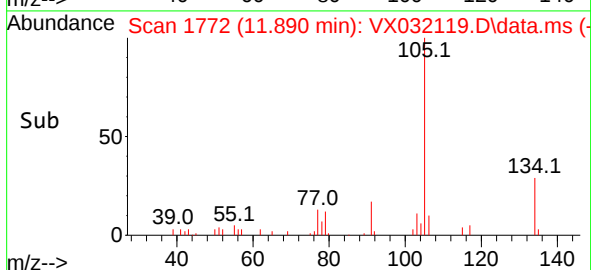
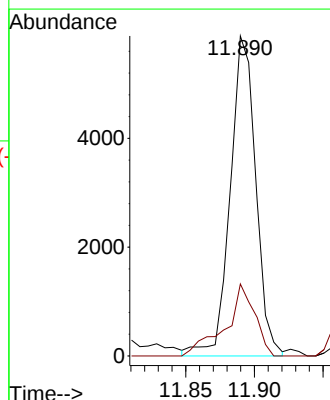
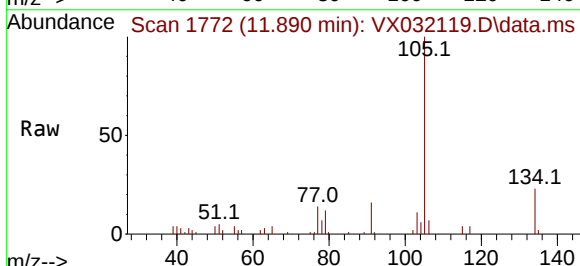
Acq: 13 Oct 2022 18:54

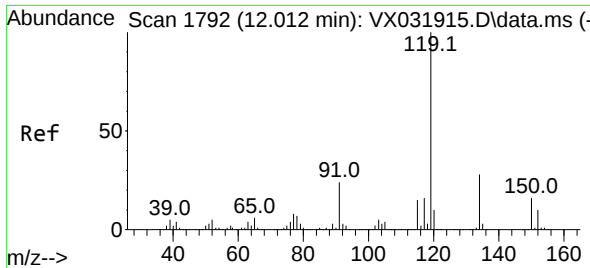
Tgt Ion:105 Resp: 7608

Ion Ratio Lower Upper

105 100

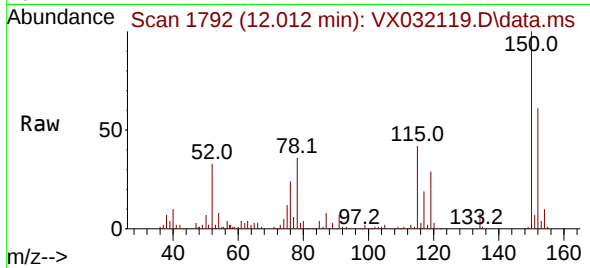
134 0.0 10.4 31.1#





#86
p-Isopropyltoluene
Concen: 2.364 ug/l
RT: 12.012 min Scan# 119
Delta R.T. -0.000 min
Lab File: VX032119.D
Acq: 13 Oct 2022 18:54

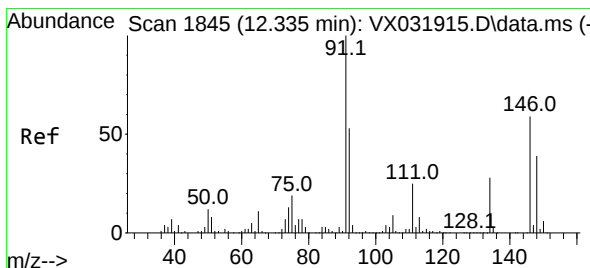
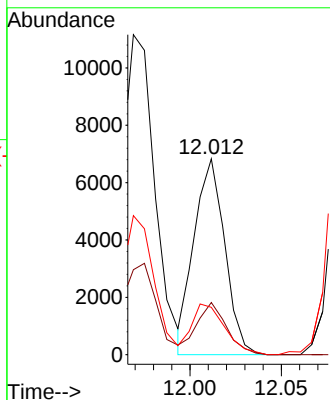
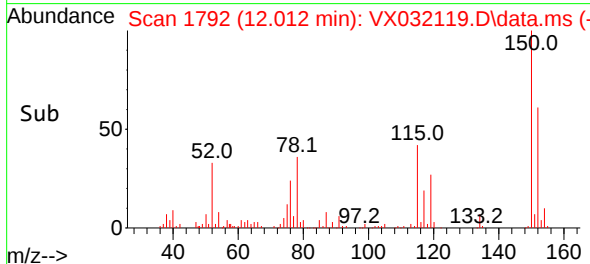
Instrument :
MSVOA_X
ClientSampleId :
SV34211L



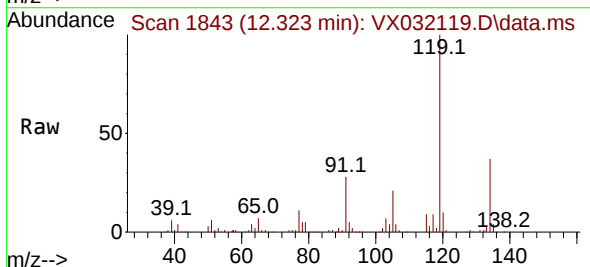
Tgt Ion: 119 Resp: 7960
Ion Ratio Lower Upper
119 100
134 26.2 13.4 40.2
91 28.2 12.4 37.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#89
n-Butylbenzene
Concen: 8.244 ug/l
RT: 12.323 min Scan# 1843
Delta R.T. -0.012 min
Lab File: VX032119.D
Acq: 13 Oct 2022 18:54



Tgt Ion: 91 Resp: 23250
Ion Ratio Lower Upper
91 100
92 28.3 27.0 81.0
134 108.0 13.3 39.9#

