

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101422\
 Data File : VX032139.D
 Acq On : 14 Oct 2022 17:00
 Operator : JC/MD
 Sample : N5141-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SV34211LRE

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/17/2022
 Supervised By : Mahesh Dadoda 10/17/2022

Quant Time: Oct 17 02:26:53 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

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	73789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	100226	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	74914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	42369	27.803	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	55.600%	#	
35) Dibromofluoromethane	5.397	113	30187	26.608	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	53.220%	#	
50) Toluene-d8	8.653	98	194840	47.728	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.460%		
62) 4-Bromofluorobenzene	11.079	95	55946	38.765	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	77.520%	#	
Target Compounds						Qvalue
16) Acetone	2.380	43	50779	98.045	ug/l	96
25) 2-Butanone	4.574	43	6778	8.372	ug/l	98
29) Tetrahydrofuran	5.044	42	2308m	4.418	ug/l	
40) Benzene	6.056	78	1285	0.292	ug/l #	80
52) Toluene	8.720	92	12835	4.456	ug/l	99
67) Ethyl Benzene	10.195	91	24442	6.365	ug/l	100
68) m/p-Xylenes	10.305	106	56410	36.966	ug/l	100
69) o-Xylene	10.647	106	41278	27.830	ug/l	98
73) Isopropylbenzene	10.964	105	8594	2.228	ug/l	98
78) n-propylbenzene	11.305	91	28948	6.598	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	76688	23.972	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	349720	107.610	ug/l	98
85) sec-Butylbenzene	11.890	105	7315m	1.866	ug/l	
86) p-Isopropyltoluene	12.012	119	7213	2.185	ug/l	94
89) n-Butylbenzene	12.323	91	21310	7.710	ug/l #	21

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

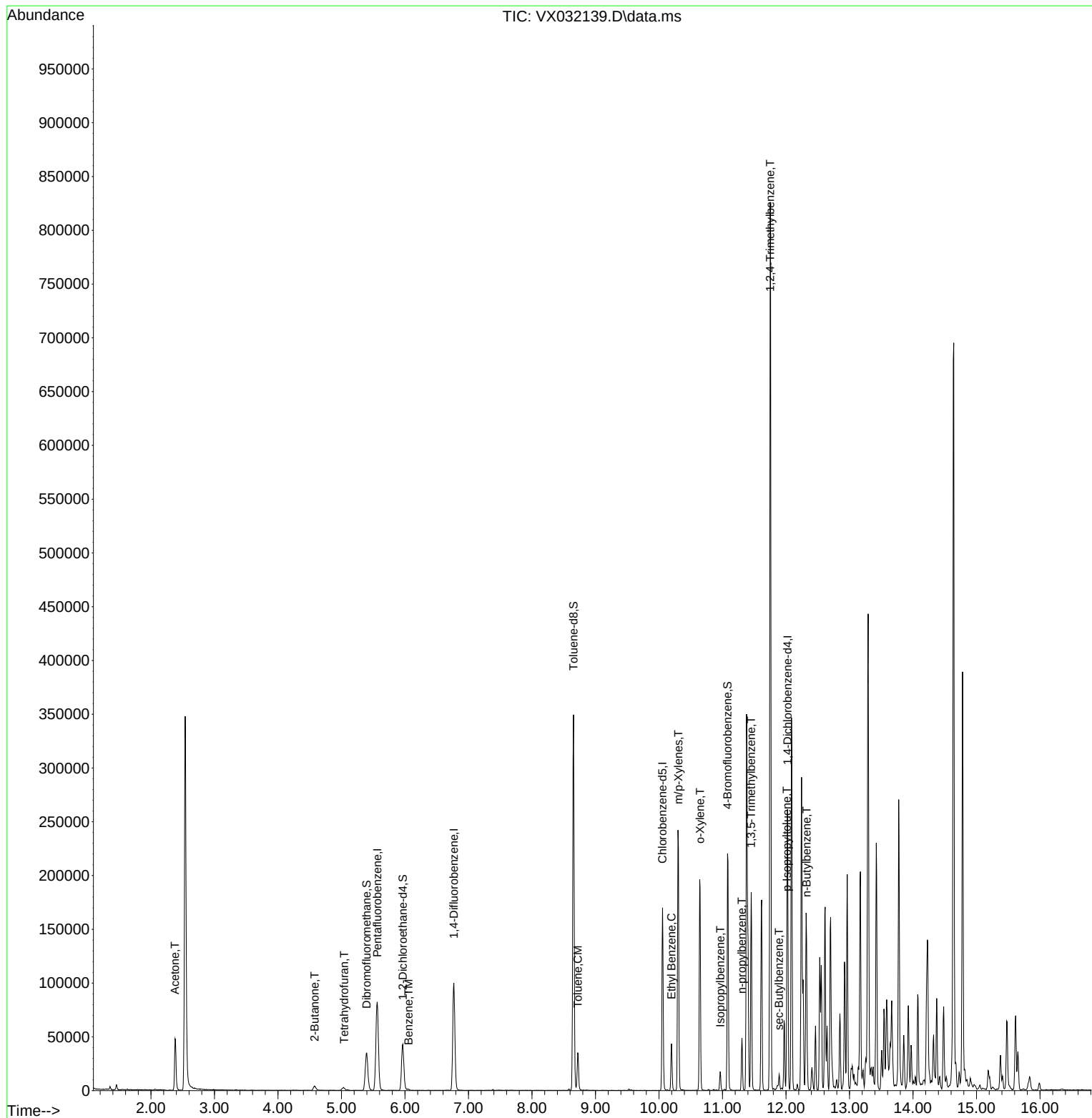
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101422\
Data File : VX032139.D
Acq On : 14 Oct 2022 17:00
Operator : JC/MD
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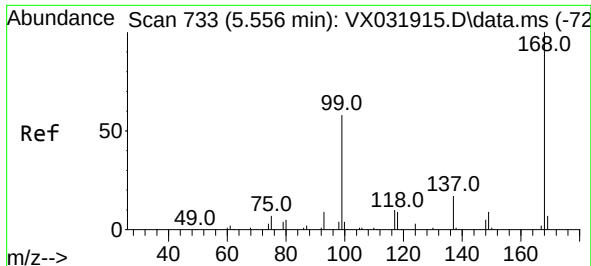
Instrument :
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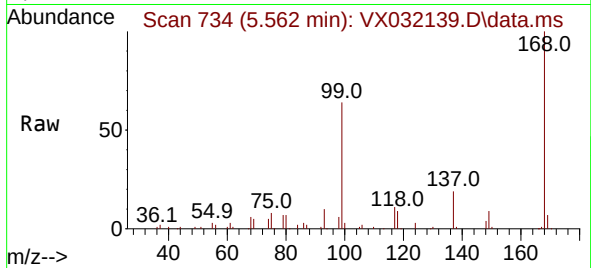
Quant Time: Oct 17 02:26:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 14:28:46 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX032139.D
Acq: 14 Oct 2022 17:00

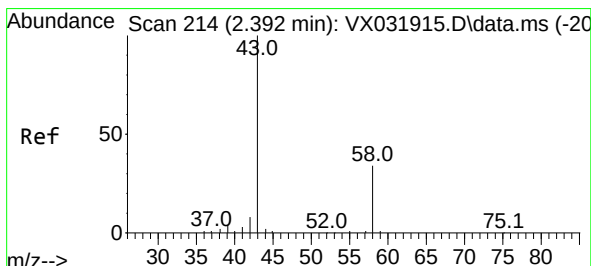
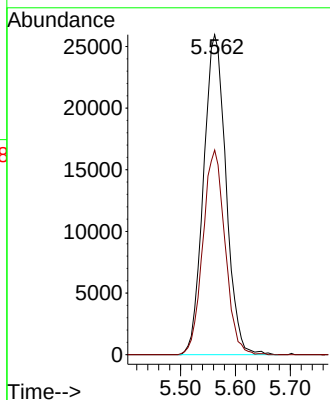
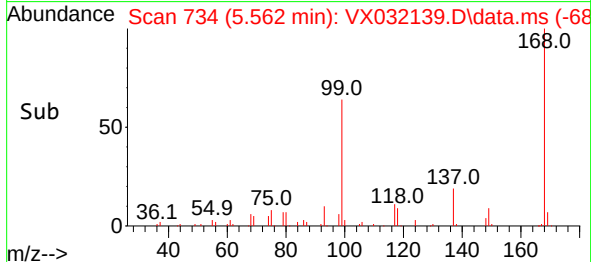
Instrument :
MSVOA_X
ClientSampleId :
SV34211LRE



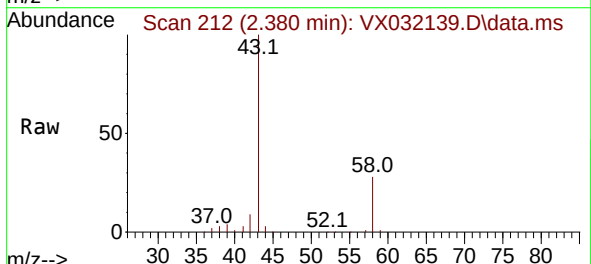
Tgt Ion:168 Resp: 73789
Ion Ratio Lower Upper
168 100
99 64.0 48.8 73.2

Manual Integrations
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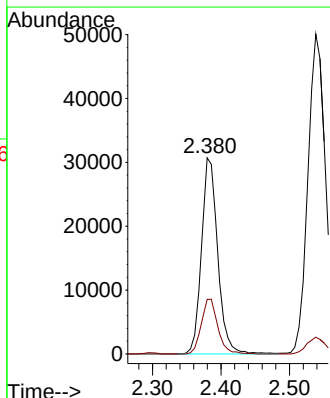
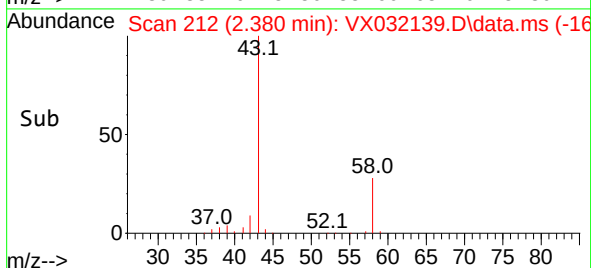
Reviewed By :John Carlone 10/17/2022
Supervised By :Mahesh Dadoda 10/17/2022

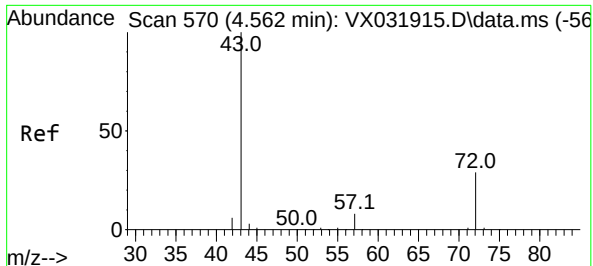


#16
Acetone
Concen: 98.045 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX032139.D
Acq: 14 Oct 2022 17:00



Tgt Ion: 43 Resp: 50779
Ion Ratio Lower Upper
43 100
58 27.8 23.8 35.8





#25

2-Butanone

Concen: 8.372 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX032139.D

Acq: 14 Oct 2022 17:00

Instrument :

MSVOA_X

ClientSampleId :

SV34211LRE

Tgt Ion: 43 Resp: 6778

Ion Ratio Lower Upper

43 100

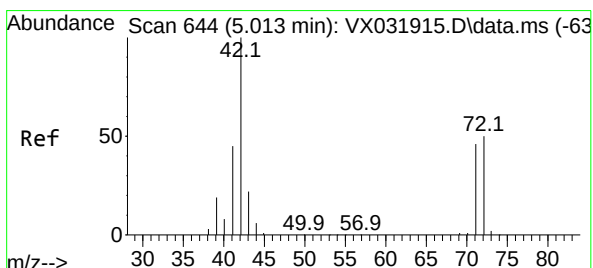
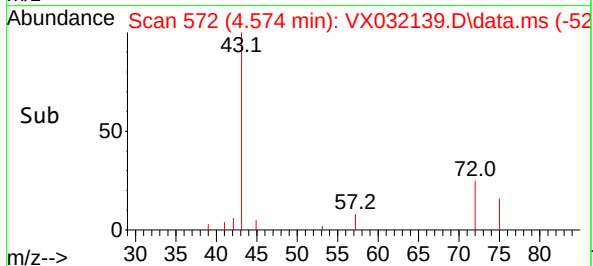
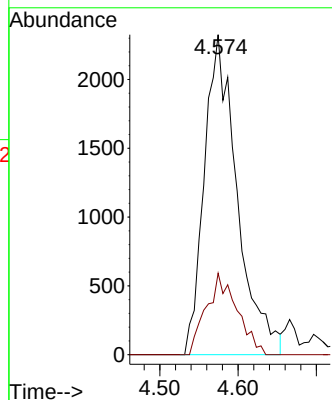
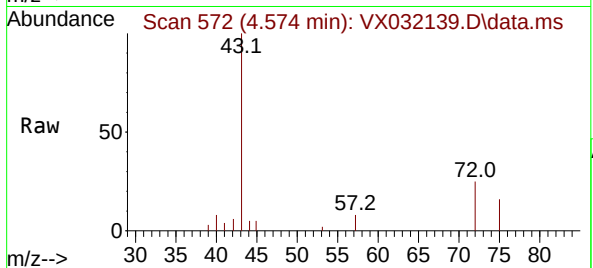
72 25.5 21.1 31.7

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#29

Tetrahydrofuran

Concen: 4.418 ug/l m

RT: 5.044 min Scan# 649

Delta R.T. 0.031 min

Lab File: VX032139.D

Acq: 14 Oct 2022 17:00

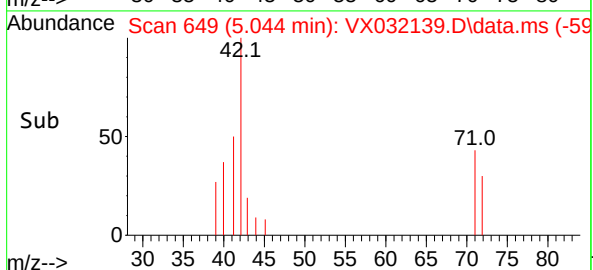
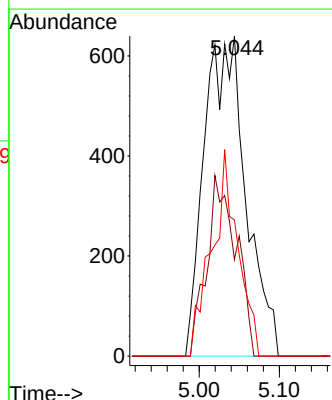
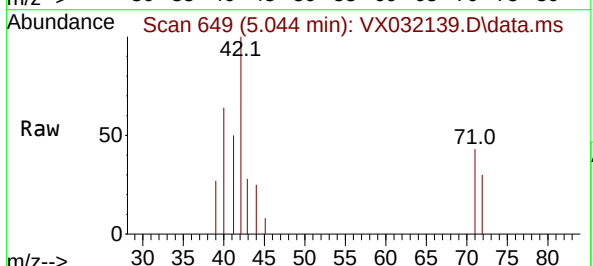
Tgt Ion: 42 Resp: 2308

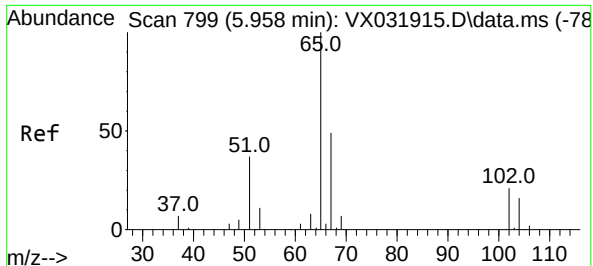
Ion Ratio Lower Upper

42 100

72 39.9 36.4 54.6

71 40.3 33.5 50.3





#33

1,2-Dichloroethane-d4

Concen: 27.803 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX032139.D

Acq: 14 Oct 2022 17:00

Instrument :

MSVOA_X

ClientSampleId :

SV34211LRE

Tgt Ion: 65 Resp: 42369

Ion Ratio Lower Upper

65 100

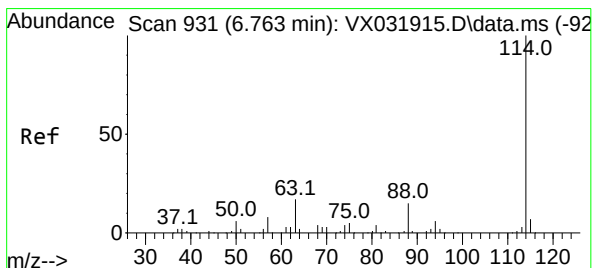
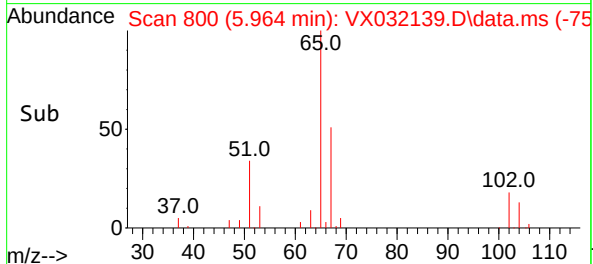
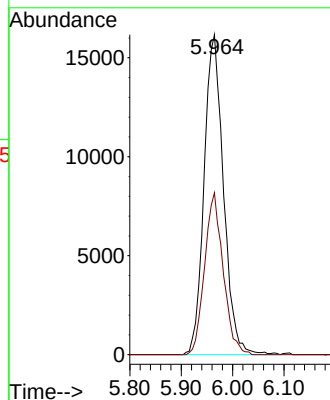
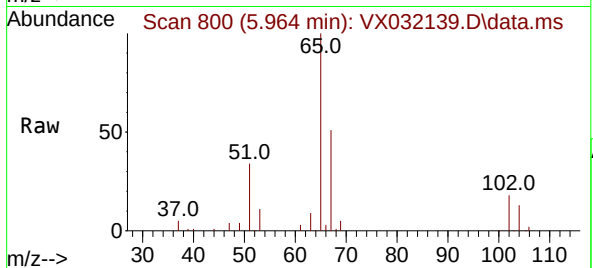
67 48.4 0.0 102.4

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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: VX032139.D

Acq: 14 Oct 2022 17:00

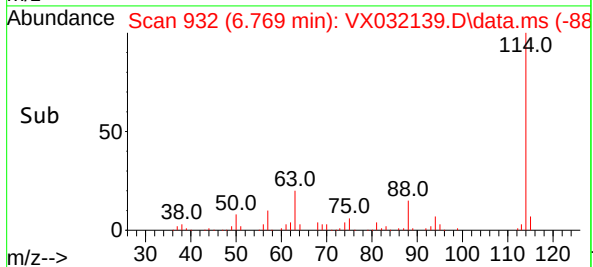
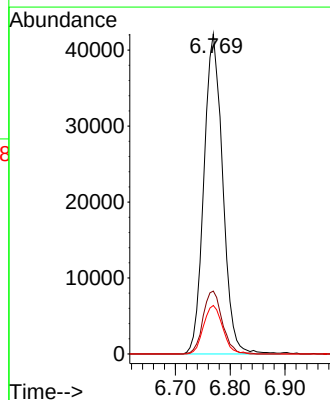
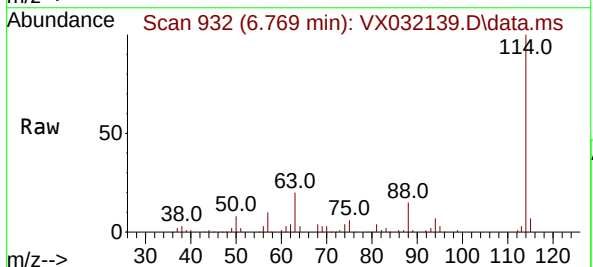
Tgt Ion:114 Resp: 100226

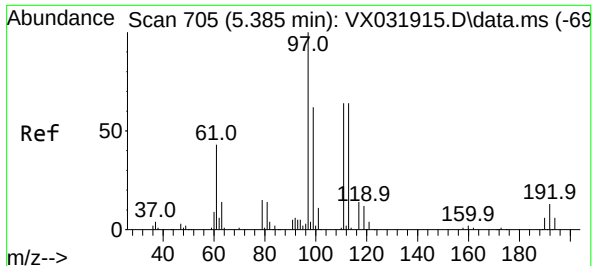
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.6

88 15.1 0.0 33.0





#35

Dibromofluoromethane

Concen: 26.608 ug/l

RT: 5.397 min Scan# 705

Delta R.T. 0.012 min

Lab File: VX032139.D

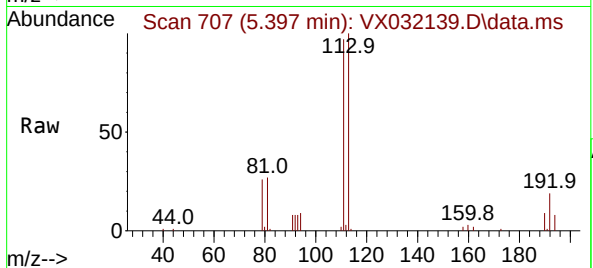
Acq: 14 Oct 2022 17:00

Instrument :

MSVOA_X

ClientSampleId :

SV34211LRE



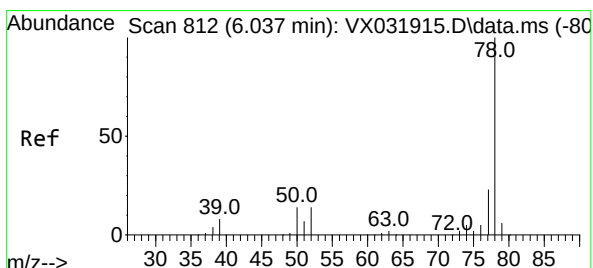
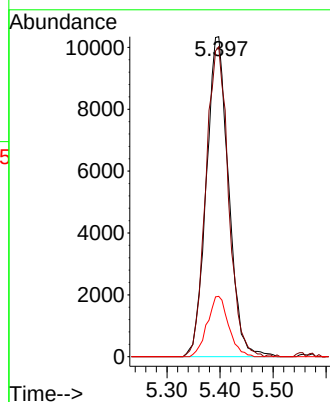
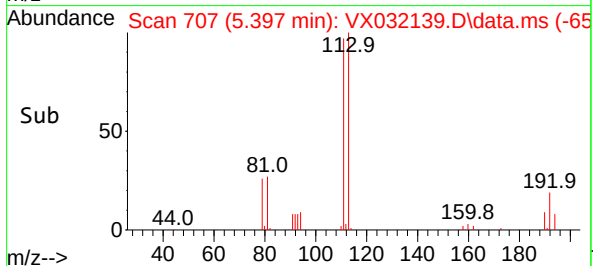
Tgt Ion:	113	Resp:	3018
Ion	Ratio	Lower	Upper
113	100		
111	98.3	82.4	123.6
192	18.0	14.1	21.1

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Supervised By :Mahesh Dadoda 10/17/2022



#40

Benzene

Concen: 0.292 ug/l

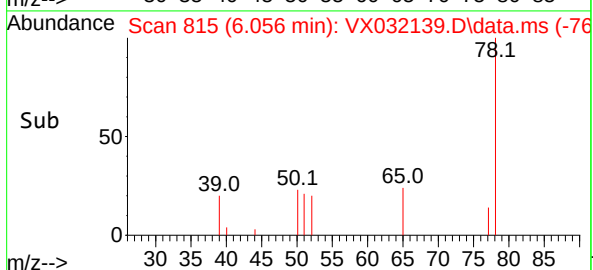
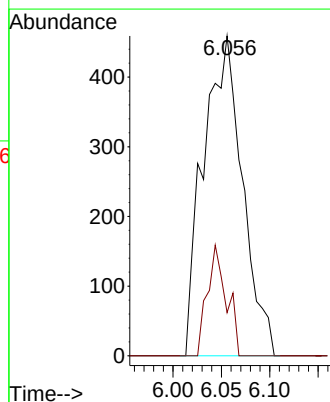
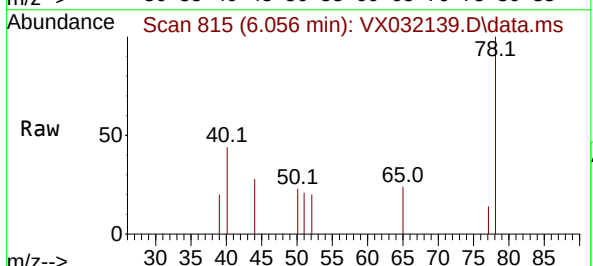
RT: 6.056 min Scan# 815

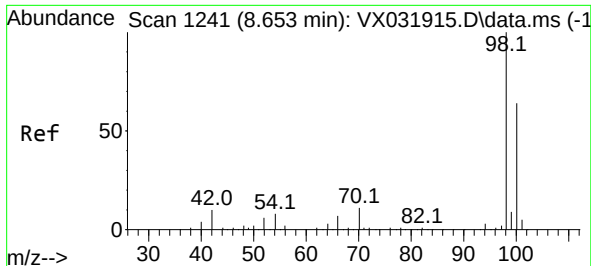
Delta R.T. 0.019 min

Lab File: VX032139.D

Acq: 14 Oct 2022 17:00

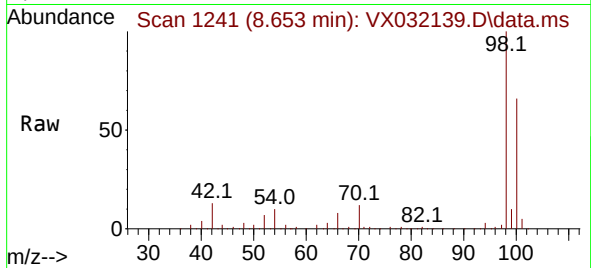
Tgt Ion:	78	Resp:	1285
Ion	Ratio	Lower	Upper
78	100		
77	13.5	18.7	28.1#





#50
Toluene-d8
Concen: 47.728 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX032139.D
Acq: 14 Oct 2022 17:00

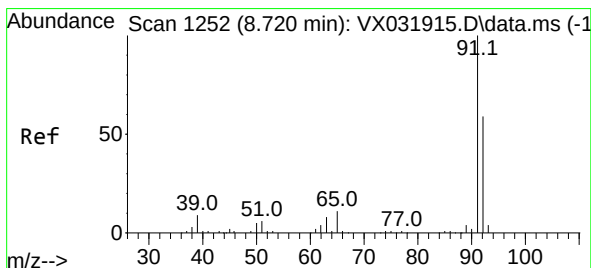
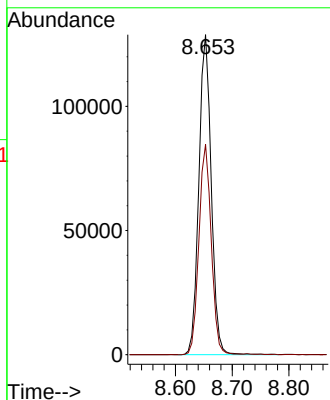
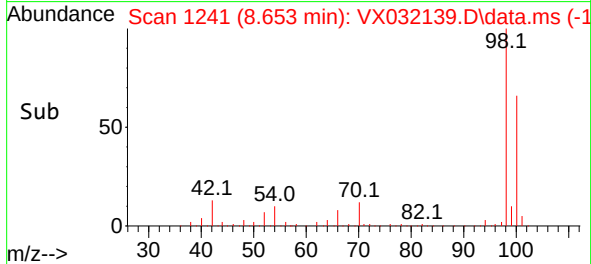
Instrument :
MSVOA_X
ClientSampleId :
SV34211LRE



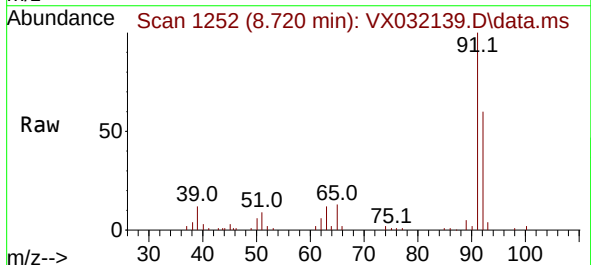
Tgt Ion: 98 Resp: 194840
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7

Manual Integrations
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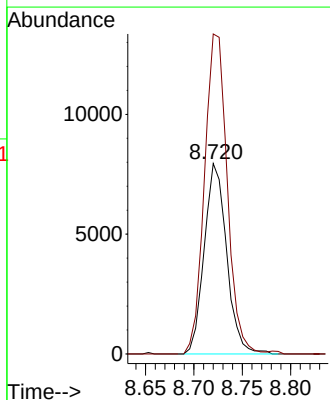
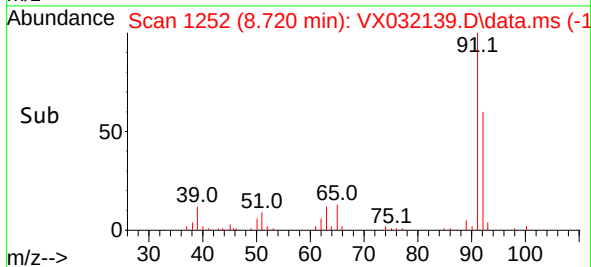
Reviewed By :John Carlone 10/17/2022
Supervised By :Mahesh Dadoda 10/17/2022

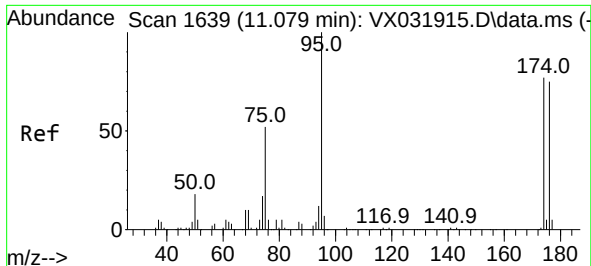


#52
Toluene
Concen: 4.456 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032139.D
Acq: 14 Oct 2022 17:00



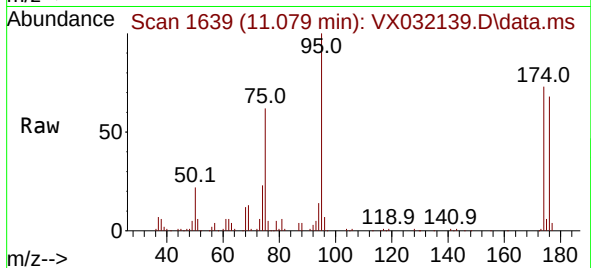
Tgt Ion: 92 Resp: 12835
Ion Ratio Lower Upper
92 100
91 170.5 137.1 205.7





#62
4-Bromofluorobenzene
Concen: 38.765 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032139.D
Acq: 14 Oct 2022 17:00

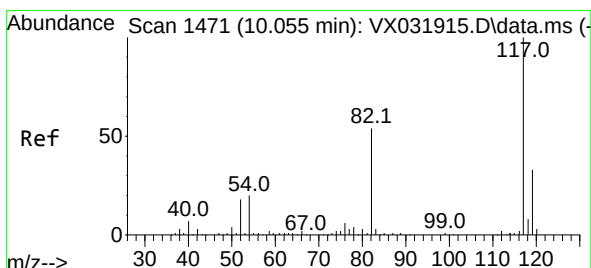
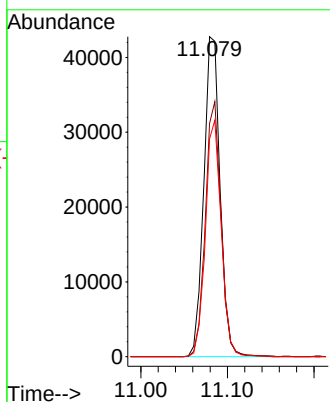
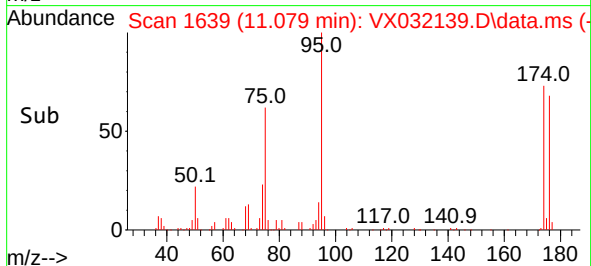
Instrument :
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ClientSampleId :
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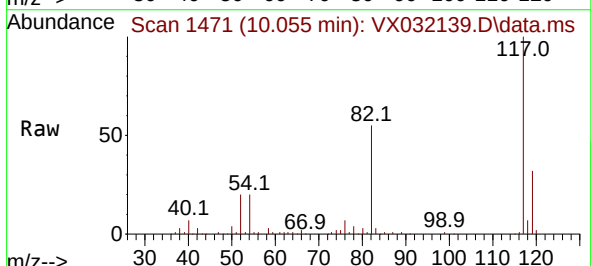
Tgt Ion: 95 Resp: 55940
Ion Ratio Lower Upper
95 100
174 77.2 0.0 153.2
176 71.8 0.0 144.0

Manual Integrations
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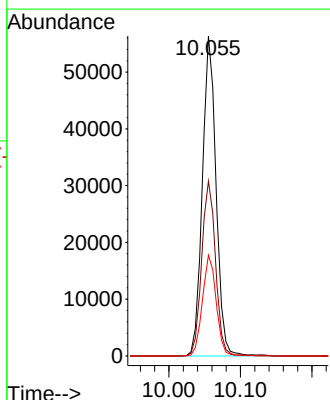
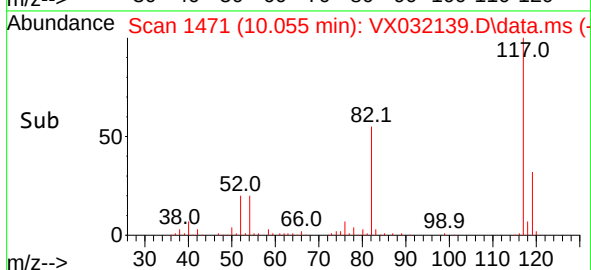
Reviewed By :John Carlone 10/17/2022
Supervised By :Mahesh Dadoda 10/17/2022

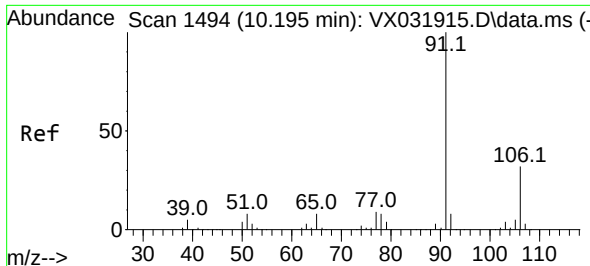


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032139.D
Acq: 14 Oct 2022 17:00



Tgt Ion:117 Resp: 74914
Ion Ratio Lower Upper
117 100
82 54.7 46.8 70.2
119 31.5 26.4 39.6





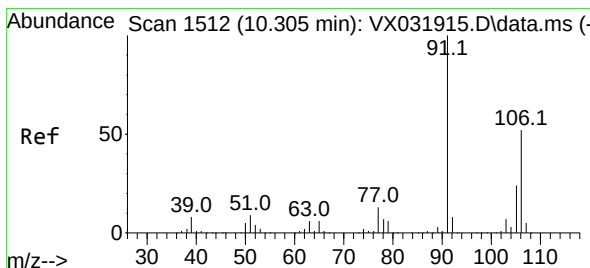
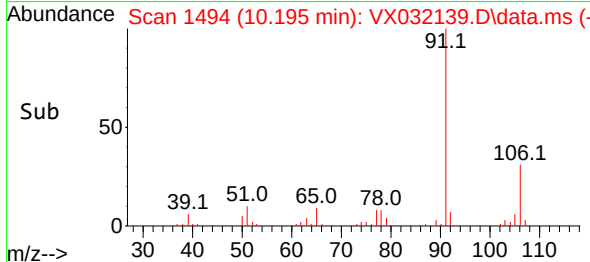
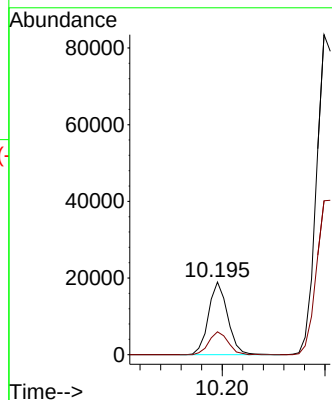
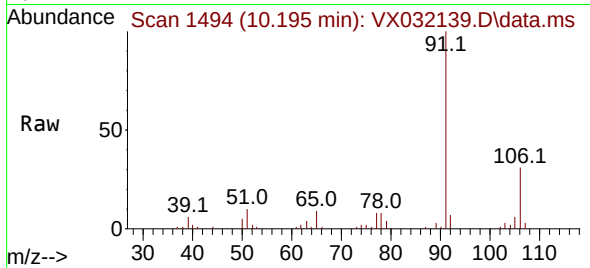
#67
Ethyl Benzene
Concen: 6.365 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032139.D
Acq: 14 Oct 2022 17:00

Instrument :
MSVOA_X
ClientSampleId :
SV34211LRE

Tgt Ion: 91 Resp: 2444
Ion Ratio Lower Upper
91 100
106 31.5 25.2 37.8

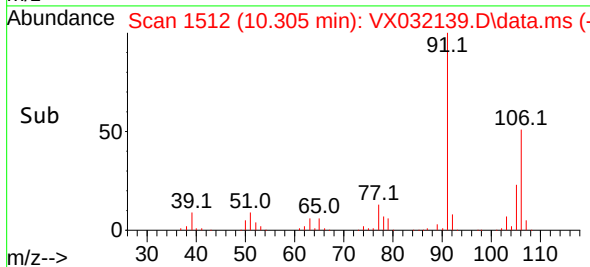
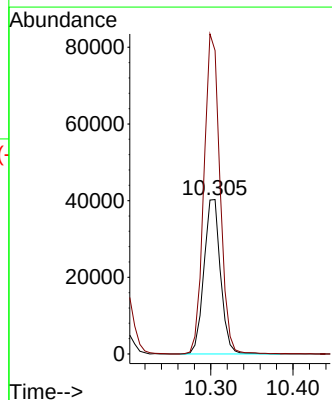
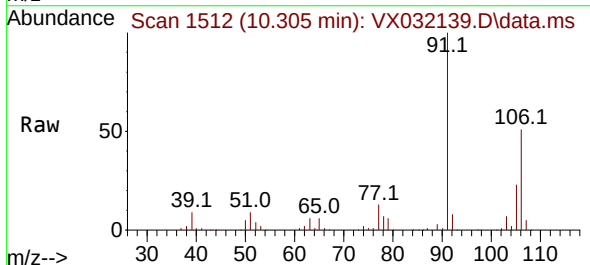
Manual Integrations
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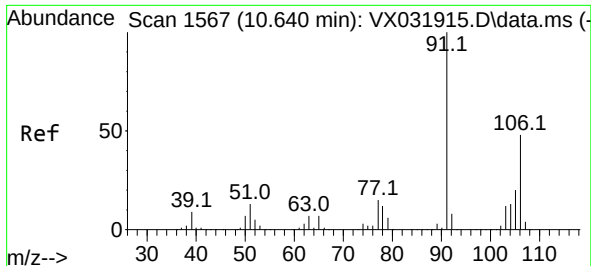
Reviewed By :John Carlone 10/17/2022
Supervised By :Mahesh Dadoda 10/17/2022



#68
m/p-Xylenes
Concen: 36.966 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX032139.D
Acq: 14 Oct 2022 17:00

Tgt Ion:106 Resp: 56410
Ion Ratio Lower Upper
106 100
91 200.9 161.0 241.4





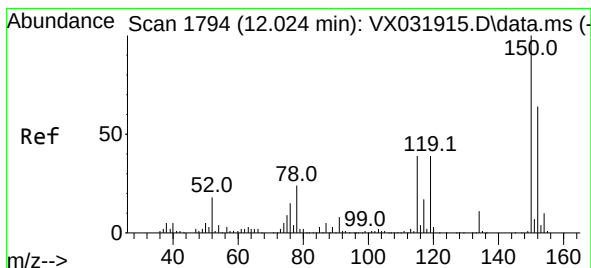
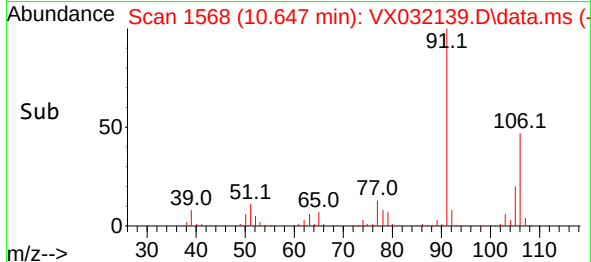
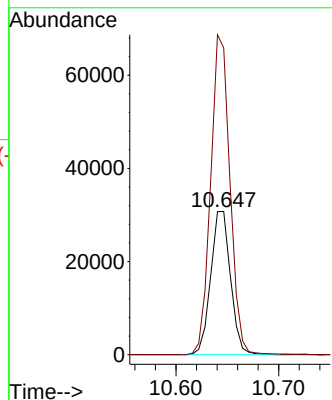
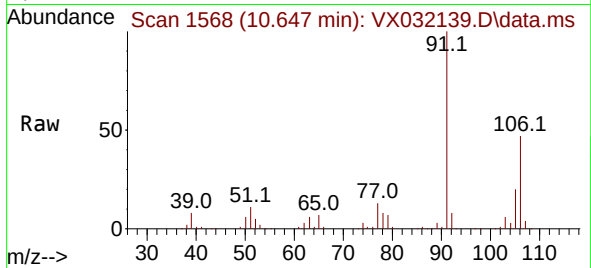
#69
o-Xylene
Concen: 27.830 ug/l
RT: 10.647 min Scan# 1567
Delta R.T. 0.007 min
Lab File: VX032139.D
Acq: 14 Oct 2022 17:00

Instrument :
MSVOA_X
ClientSampleId :
SV34211LRE

Tgt Ion:106 Resp: 41278
Ion Ratio Lower Upper
106 100
91 218.0 107.2 321.6

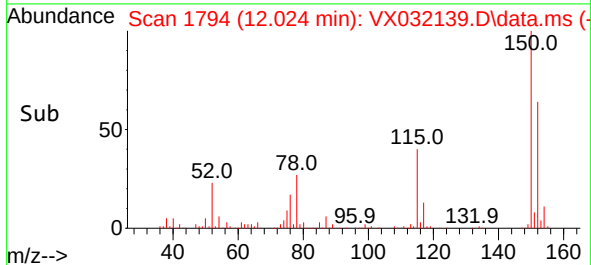
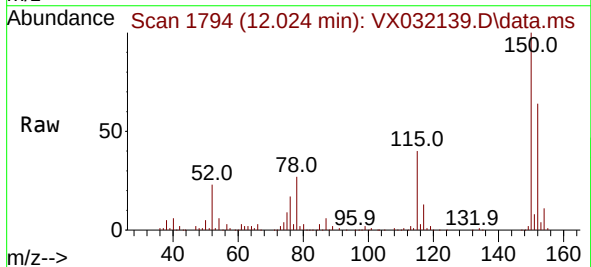
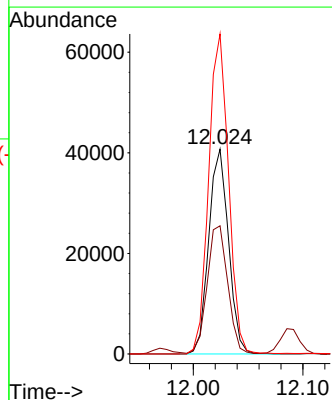
Manual Integrations
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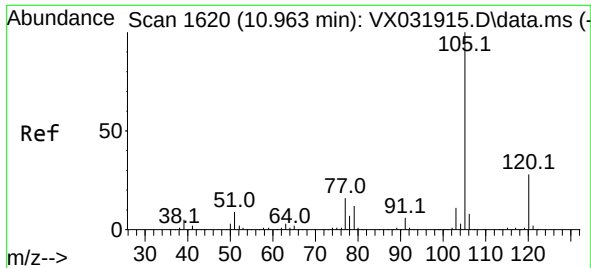
Reviewed By :John Carlone 10/17/2022
Supervised By :Mahesh Dadoda 10/17/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032139.D
Acq: 14 Oct 2022 17:00

Tgt Ion:152 Resp: 51142
Ion Ratio Lower Upper
152 100
115 65.0 43.4 130.1
150 156.6 0.0 346.8





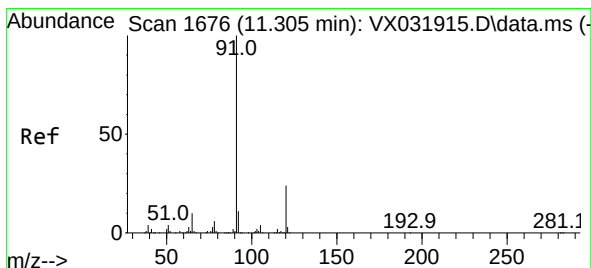
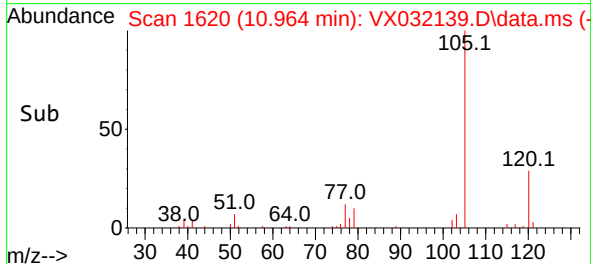
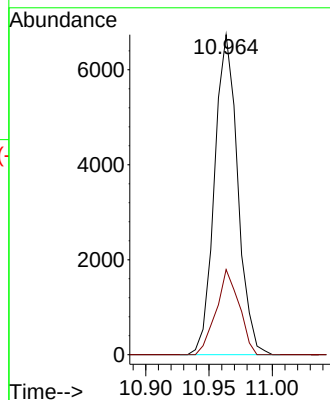
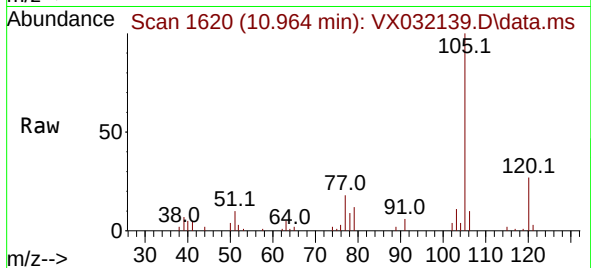
#73
Isopropylbenzene
Concen: 2.228 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX032139.D
Acq: 14 Oct 2022 17:00

Instrument :
MSVOA_X
ClientSampleId :
SV34211LRE

Tgt Ion:105 Resp: 8594
Ion Ratio Lower Upper
105 100
120 26.3 13.7 41.0

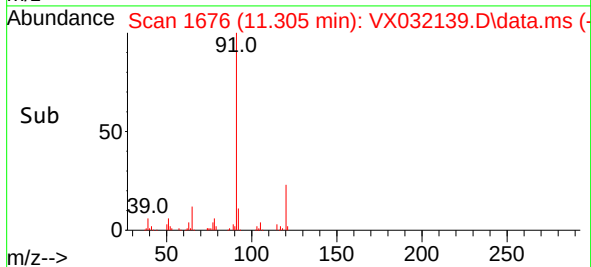
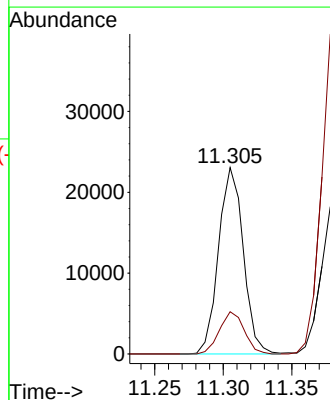
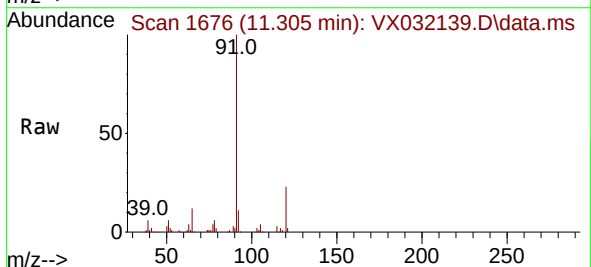
Manual Integrations
APPROVED

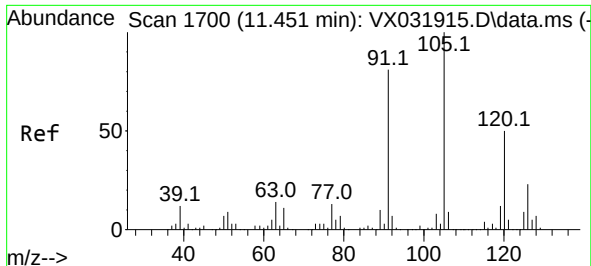
Reviewed By :John Carlone 10/17/2022
Supervised By :Mahesh Dadoda 10/17/2022



#78
n-propylbenzene
Concen: 6.598 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX032139.D
Acq: 14 Oct 2022 17:00

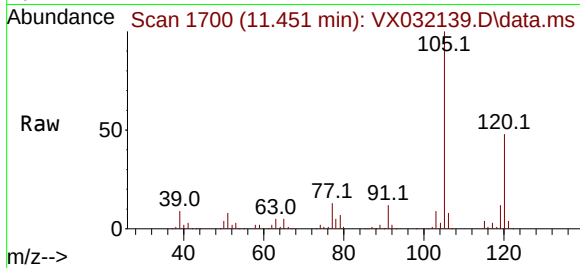
Tgt Ion: 91 Resp: 28948
Ion Ratio Lower Upper
91 100
120 22.7 11.8 35.4





#80
1,3,5-Trimethylbenzene
Concen: 23.972 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032139.D
Acq: 14 Oct 2022 17:00

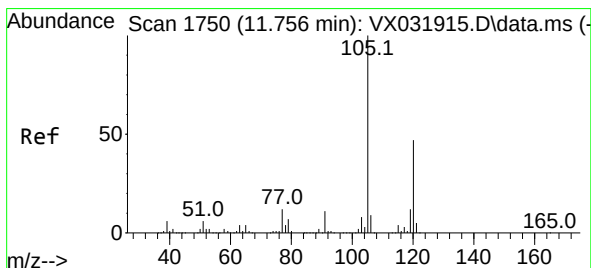
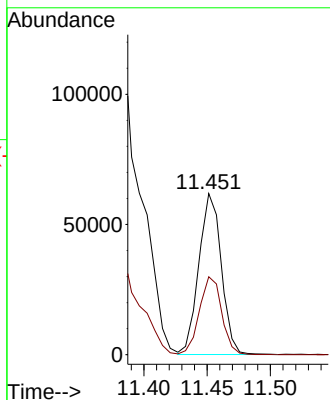
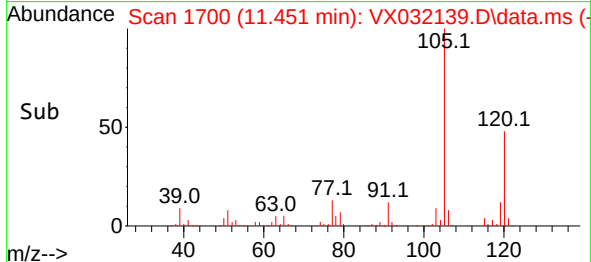
Instrument :
MSVOA_X
ClientSampleId :
SV34211LRE



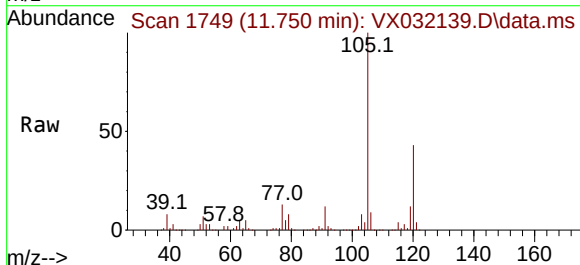
Tgt Ion:105 Resp: 7668
Ion Ratio Lower Upper
105 100
120 48.1 24.5 73.5

Manual Integrations
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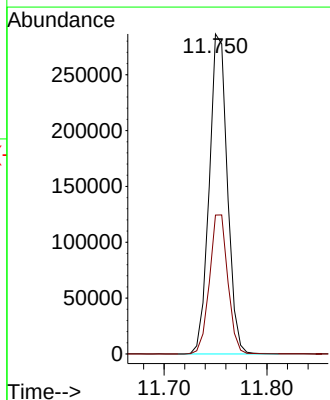
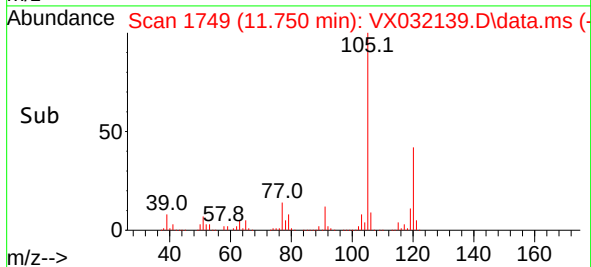
Reviewed By :John Carlone 10/17/2022
Supervised By :Mahesh Dadoda 10/17/2022

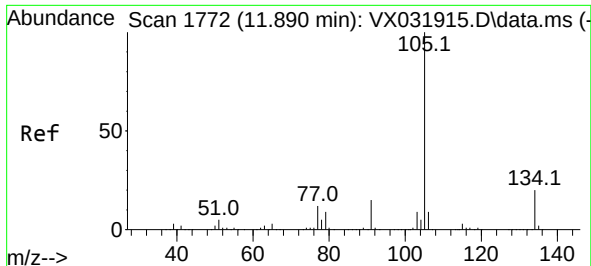


#84
1,2,4-Trimethylbenzene
Concen: 107.610 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX032139.D
Acq: 14 Oct 2022 17:00



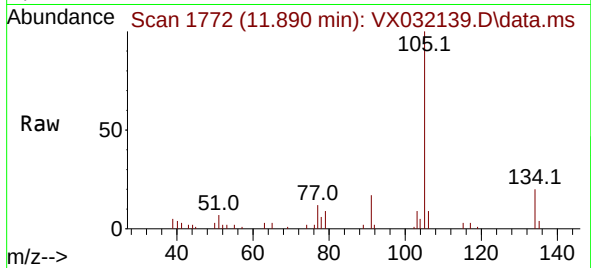
Tgt Ion:105 Resp: 349720
Ion Ratio Lower Upper
105 100
120 44.0 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 1.866 ug/l m
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX032139.D
 Acq: 14 Oct 2022 17:00

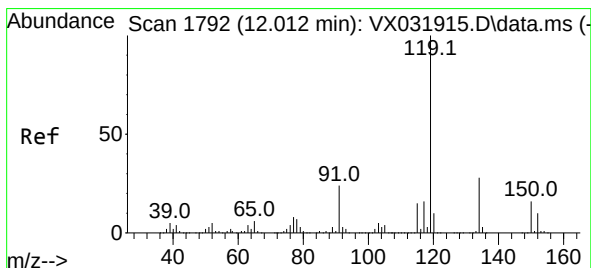
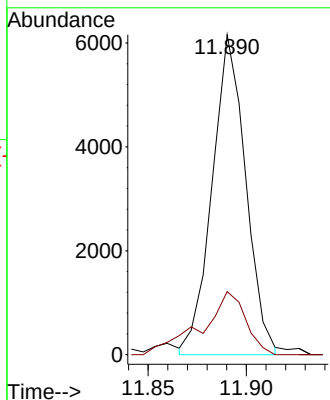
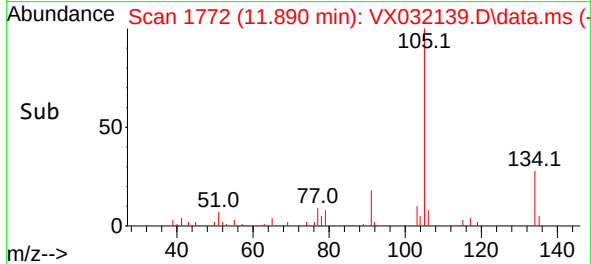
Instrument :
 MSVOA_X
 ClientSampleId :
 SV34211LRE



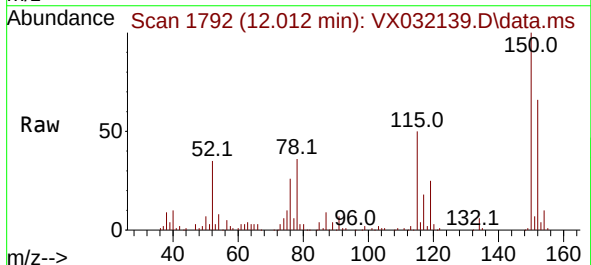
Tgt Ion:105 Resp: 731
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1

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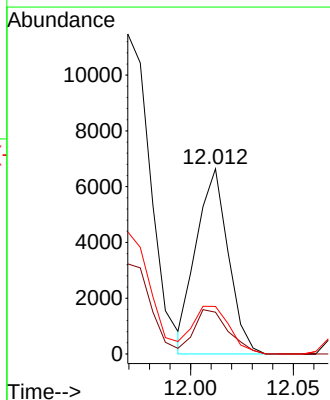
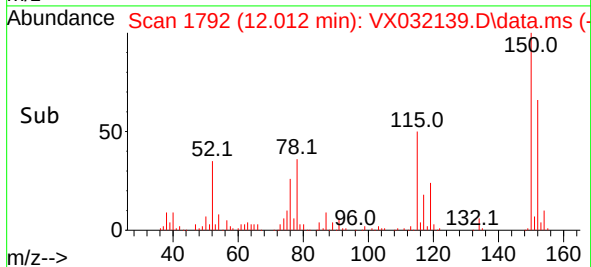
Reviewed By :John Carlone 10/17/2022
 Supervised By :Mahesh Dadoda 10/17/2022

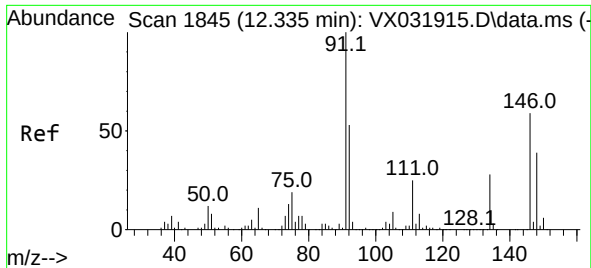


#86
 p-Isopropyltoluene
 Concen: 2.185 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX032139.D
 Acq: 14 Oct 2022 17:00



Tgt Ion:119 Resp: 7213
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.4 40.2
 91 29.7 12.4 37.2





#89

n-Butylbenzene

Concen: 7.710 ug/l

RT: 12.323 min Scan# 1843

Delta R.T. -0.012 min

Lab File: VX032139.D

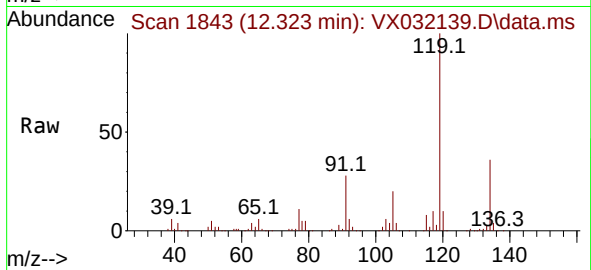
Acq: 14 Oct 2022 17:00

Instrument :

MSVOA_X

ClientSampleId :

SV34211LRE



Tgt Ion: 91	Resp: 21310
Ion Ratio	Lower Upper
91	100
92	27.6 27.0 81.0
134	111.8 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2022

Supervised By :Mahesh Dadoda 10/17/2022

