

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072822\
 Data File : VX030273.D
 Acq On : 28 Jul 2022 16:34
 Operator : JC/MD
 Sample : N3898-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 62422

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/29/2022
 Supervised By : Mahesh Dadoda 07/29/2022

Quant Time: Jul 29 05:58:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	158789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	281355	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	282755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	154450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	185214	58.032	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.060%			
35) Dibromofluoromethane	5.391	113	148245	55.118	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.240%			
50) Toluene-d8	8.653	98	525785	50.479	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.960%			
62) 4-Bromofluorobenzene	11.085	95	188532	48.772	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.540%			
Target Compounds						
16) Acetone	2.386	43	426323	260.908	ug/l	95
17) Carbon Disulfide	2.520	76	1745	0.261	ug/l #	91
25) 2-Butanone	4.574	43	8765	3.192	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	22848	4.188	ug/l	96
52) Toluene	8.726	92	81520	10.972	ug/l	99
68) m/p-Xylenes	10.305	106	9530	1.832	ug/l	100
69) o-Xylene	10.646	106	3119	0.608	ug/l	96
73) Isopropylbenzene	10.963	105	5545	0.460	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	5304	0.527	ug/l	99
86) p-Isopropyltoluene	12.012	119	33542	3.273	ug/l	96
89) n-Butylbenzene	12.335	91	2967m	0.311	ug/l	
95) Naphthalene	13.780	128	19396	1.585	ug/l #	91

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

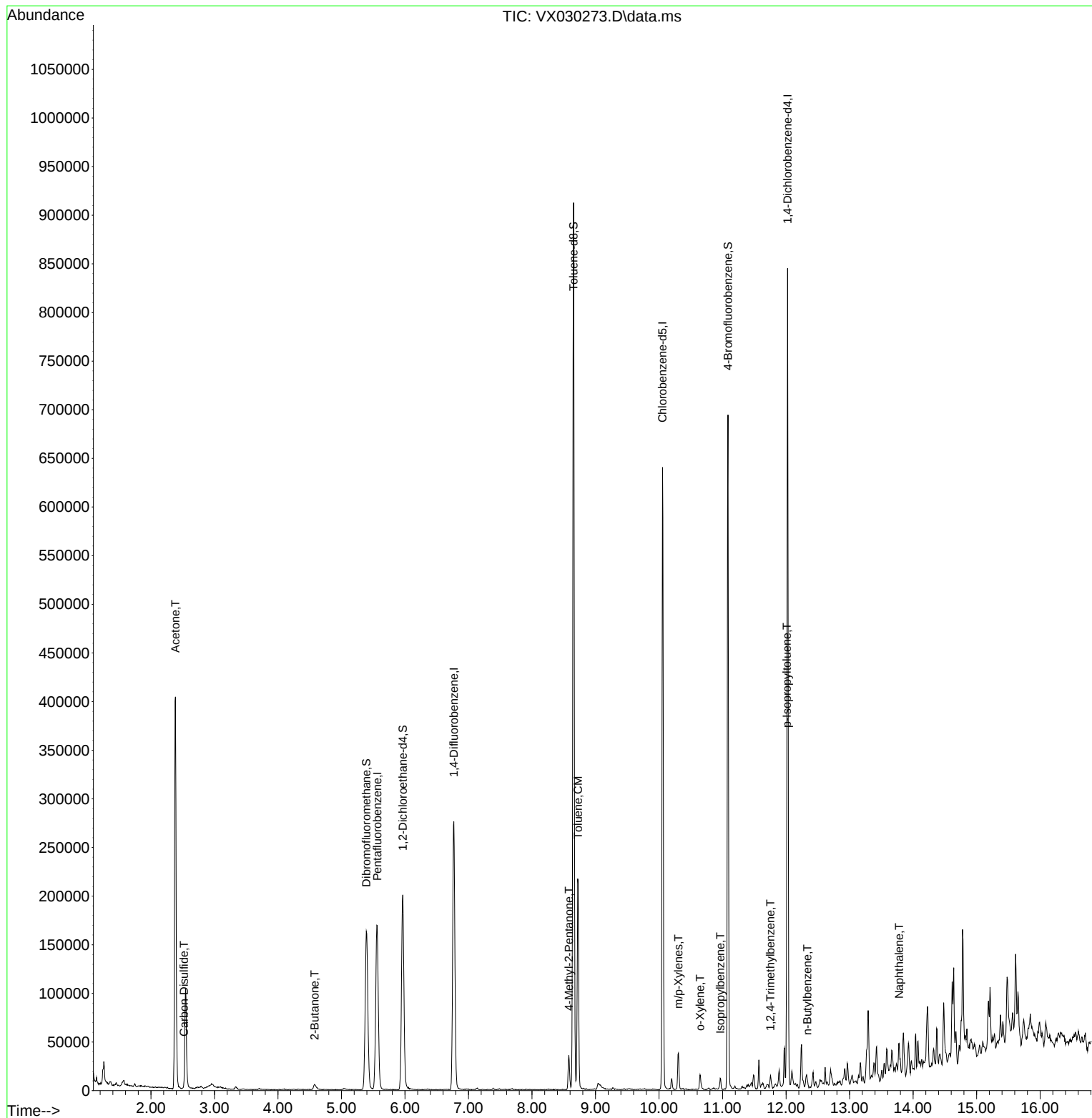
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072822\
Data File : VX030273.D
Acq On : 28 Jul 2022 16:34
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
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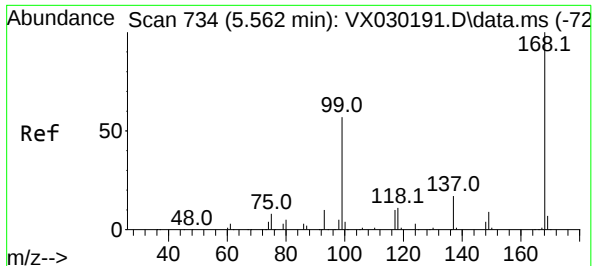
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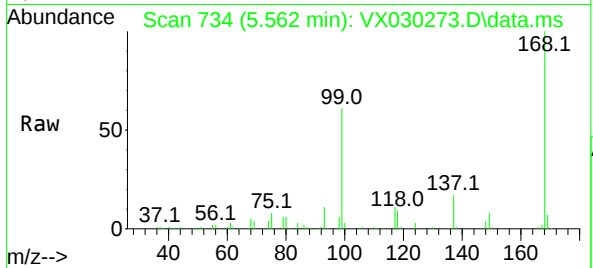
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 25 16:49:17 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX030273.D
Acq: 28 Jul 2022 16:34

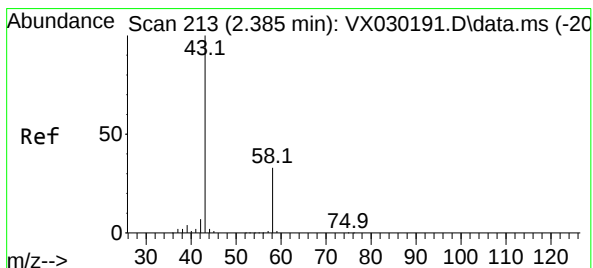
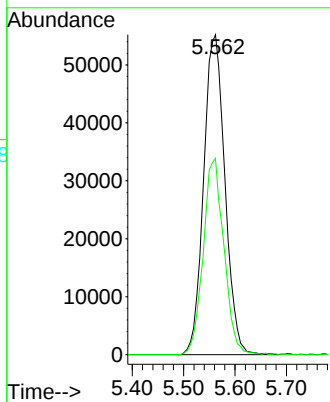
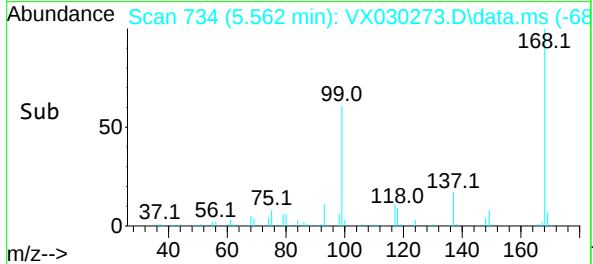
Instrument :
MSVOA_X
Client Sample Id :
62422



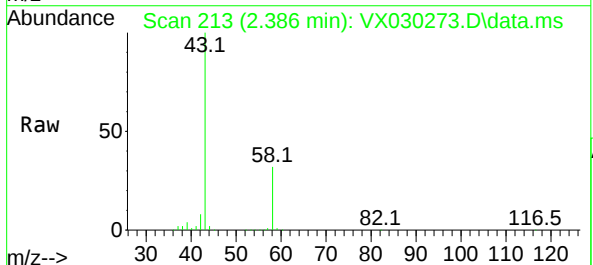
Tgt Ion: 168 Resp: 158789
Ion Ratio Lower Upper
168 100
99 61.3 44.0 66.0

Manual Integrations
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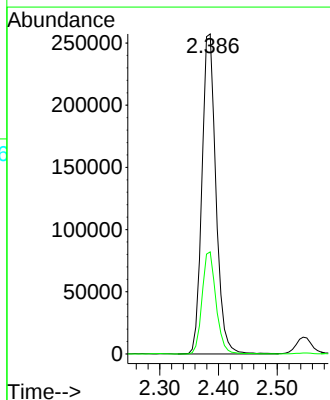
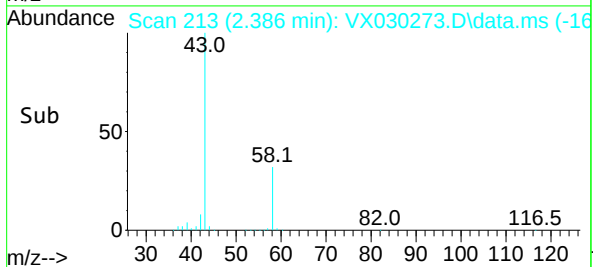
Reviewed By : John Carlone 07/29/2022
Supervised By : Mahesh Dadoda 07/29/2022

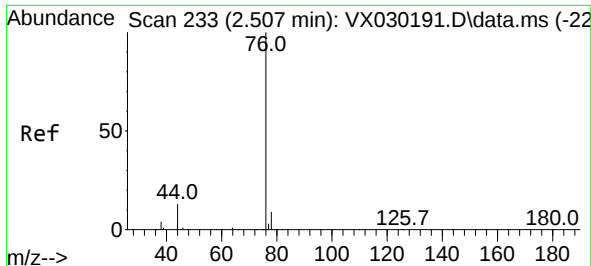


#16
Acetone
Concen: 260.908 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX030273.D
Acq: 28 Jul 2022 16:34



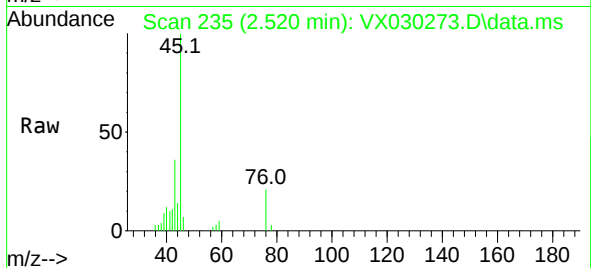
Tgt Ion: 43 Resp: 426323
Ion Ratio Lower Upper
43 100
58 31.9 27.7 41.5





#17
Carbon Disulfide
Concen: 0.261 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.013 min
Lab File: VX030273.D
Acq: 28 Jul 2022 16:34

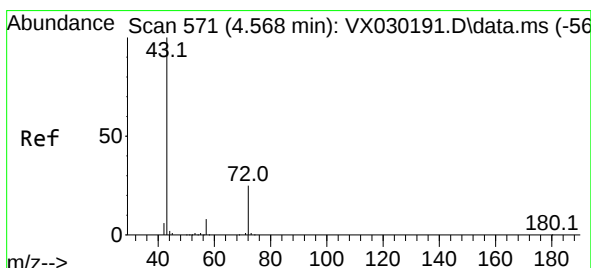
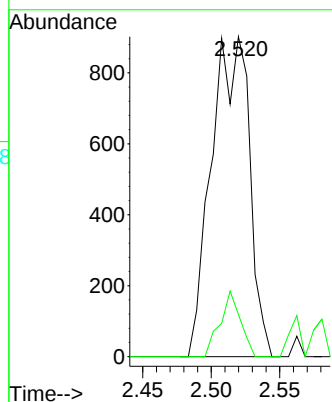
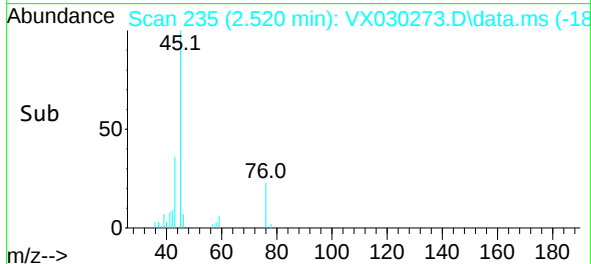
Instrument :
MSVOA_X
ClientSampleId :
62422



Tgt Ion: 76 Resp: 174
Ion Ratio Lower Upper
76 100
78 13.2 7.8 11.6

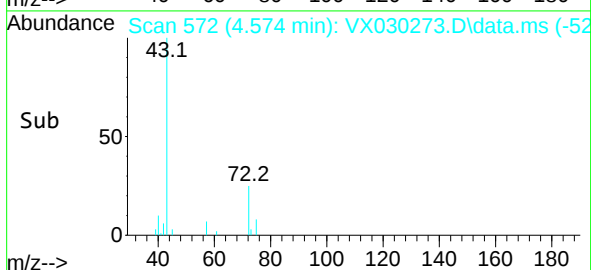
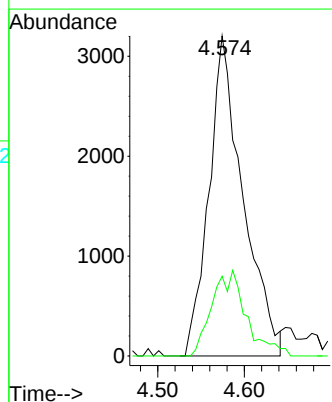
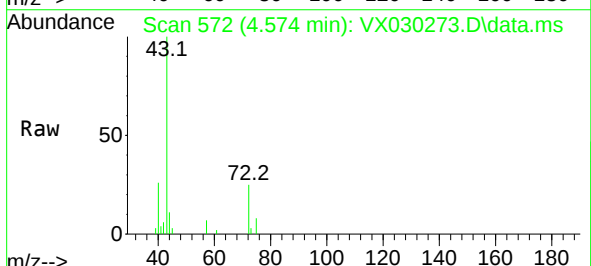
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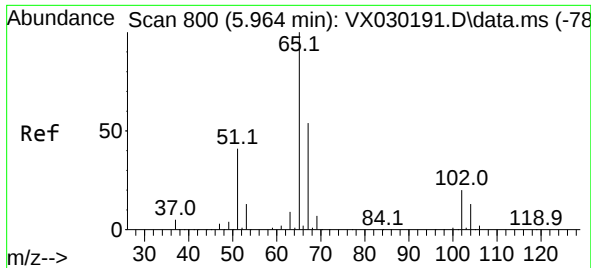
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#25
2-Butanone
Concen: 3.192 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX030273.D
Acq: 28 Jul 2022 16:34

Tgt Ion: 43 Resp: 8765
Ion Ratio Lower Upper
43 100
72 24.9 21.7 32.5





#33

1,2-Dichloroethane-d4

Concen: 58.032 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX030273.D

Acq: 28 Jul 2022 16:34

Instrument :

MSVOA_X

ClientSampleId :

62422

Tgt Ion: 65 Resp: 185214

Ion Ratio Lower Upper

65 100

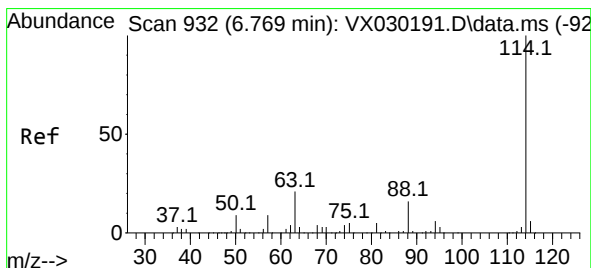
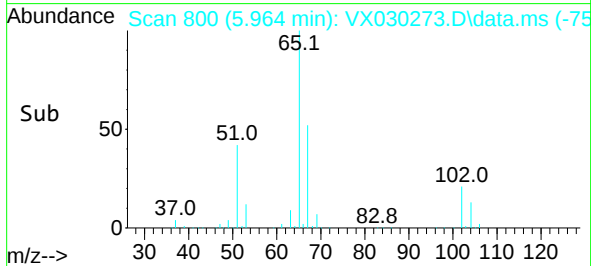
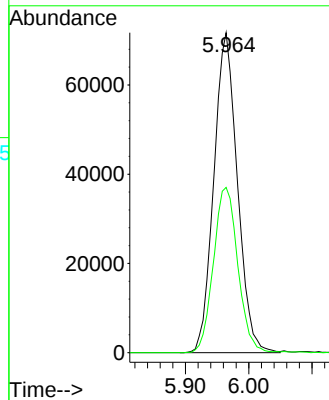
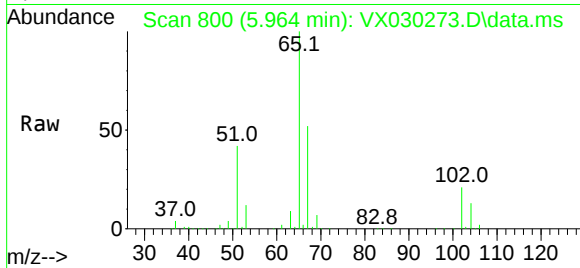
67 53.6 0.0 109.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX030273.D

Acq: 28 Jul 2022 16:34

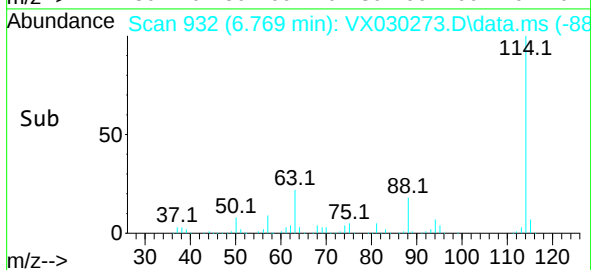
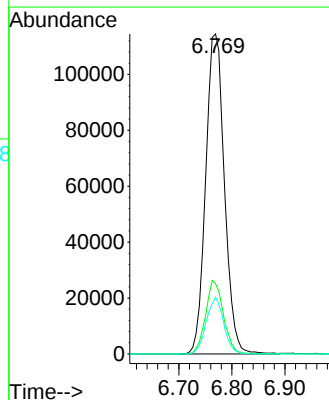
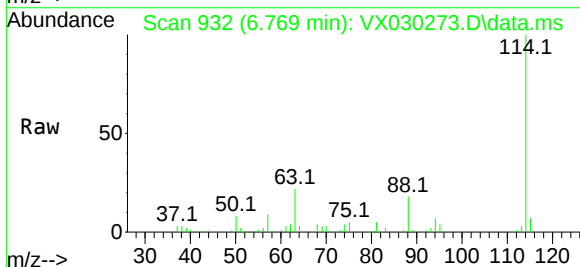
Tgt Ion:114 Resp: 281355

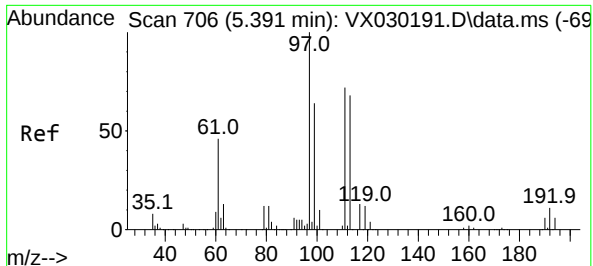
Ion Ratio Lower Upper

114 100

63 21.9 0.0 38.4

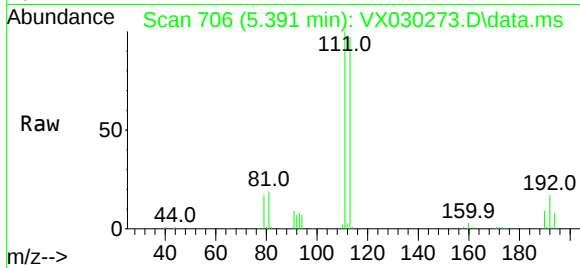
88 17.8 0.0 31.8





#35
Dibromofluoromethane
Concen: 55.118 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030273.D
Acq: 28 Jul 2022 16:34

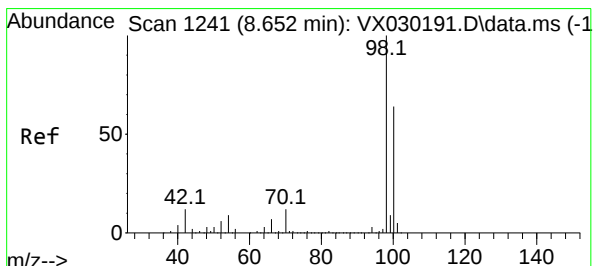
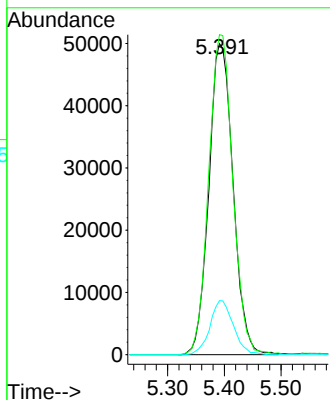
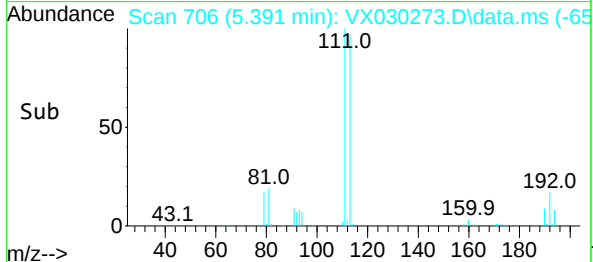
Instrument :
MSVOA_X
ClientSampleId :
62422



Tgt Ion:113 Resp: 148249
Ion Ratio Lower Upper
113 100
111 102.6 83.2 124.8
192 16.8 14.8 22.2

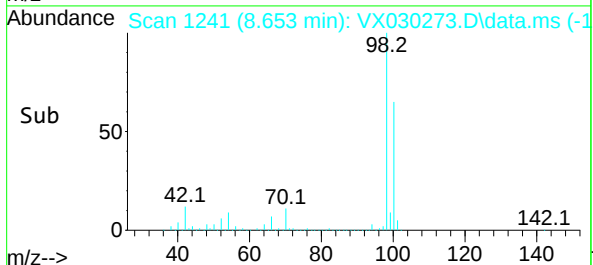
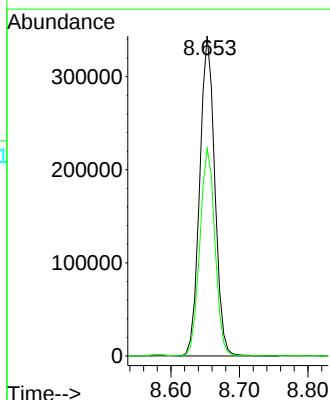
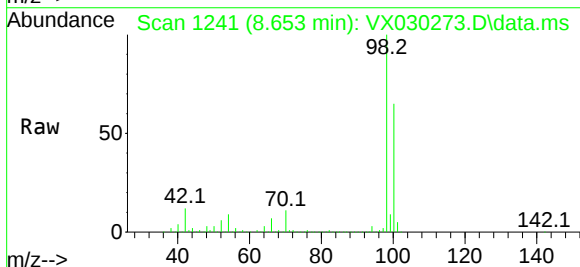
Manual Integrations
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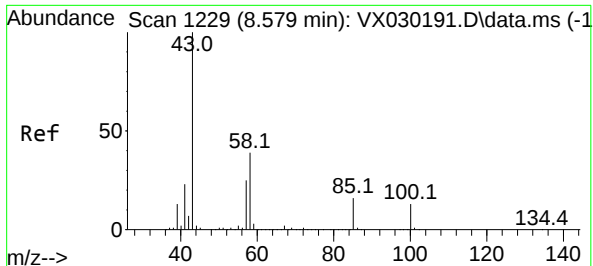
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#50
Toluene-d8
Concen: 50.479 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030273.D
Acq: 28 Jul 2022 16:34

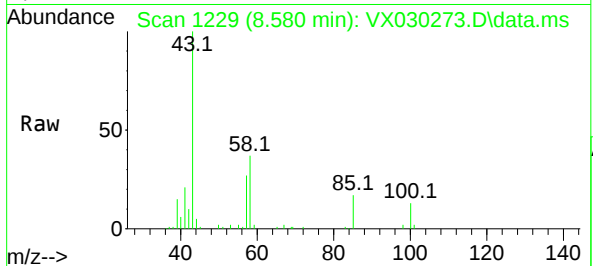
Tgt Ion: 98 Resp: 525785
Ion Ratio Lower Upper
98 100
100 64.9 52.3 78.5





#51
4-Methyl-2-Pentanone
Concen: 4.188 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.001 min
Lab File: VX030273.D
Acq: 28 Jul 2022 16:34

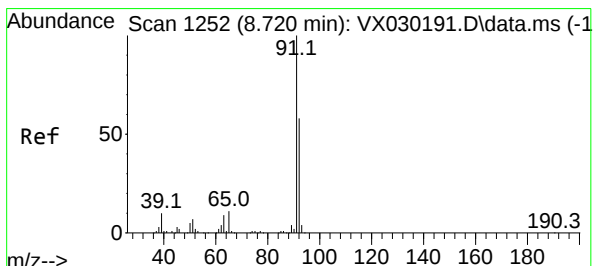
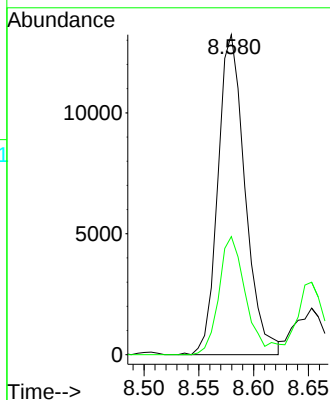
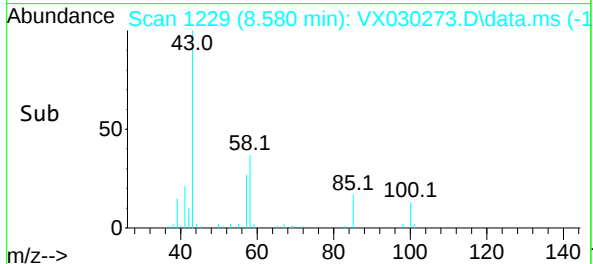
Instrument :
MSVOA_X
ClientSampleId :
62422



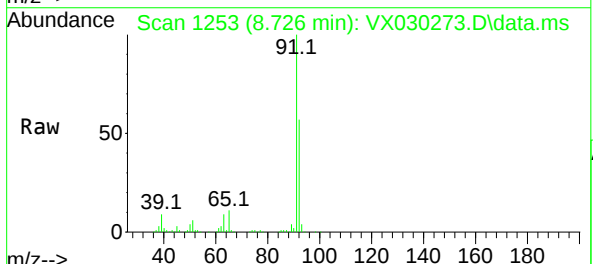
Tgt Ion: 43 Resp: 2284
Ion Ratio Lower Upper
43 100
58 36.8 31.4 47.2

Manual Integrations
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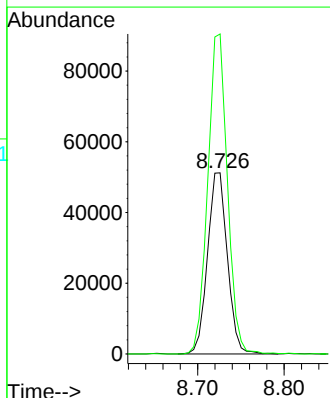
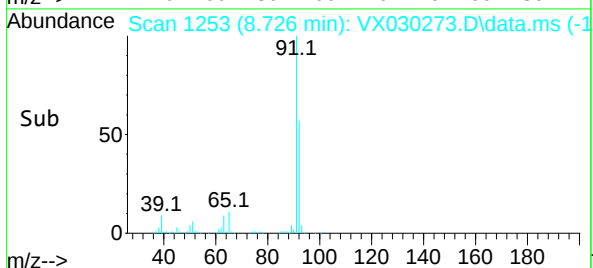
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

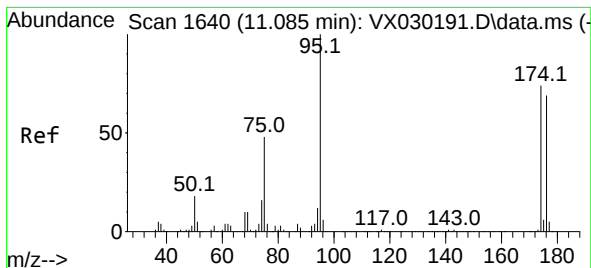


#52
Toluene
Concen: 10.972 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX030273.D
Acq: 28 Jul 2022 16:34



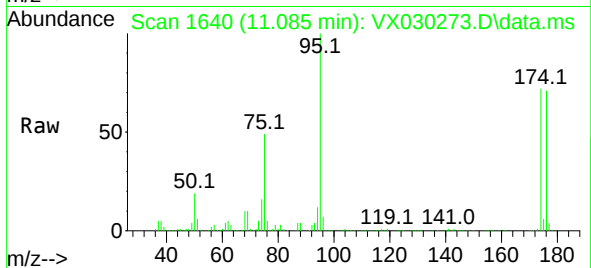
Tgt Ion: 92 Resp: 81520
Ion Ratio Lower Upper
92 100
91 175.1 139.2 208.8





#62
4-Bromofluorobenzene
Concen: 48.772 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030273.D
Acq: 28 Jul 2022 16:34

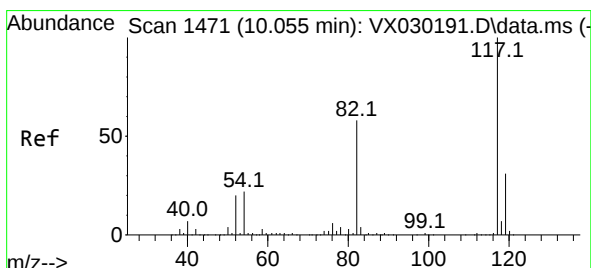
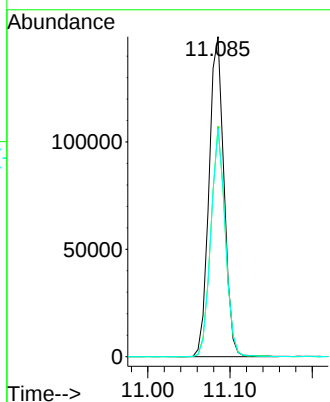
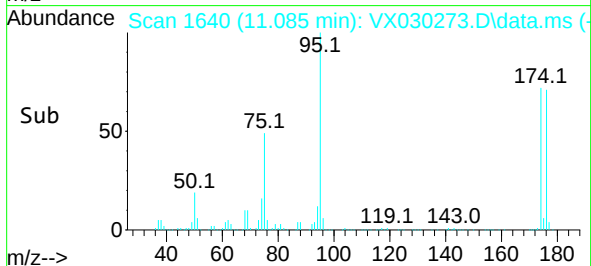
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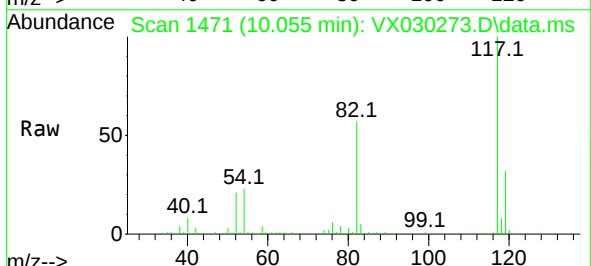
Tgt Ion: 95 Resp: 188532
Ion Ratio Lower Upper
95 100
174 69.0 0.0 149.0
176 68.6 0.0 146.0

Manual Integrations
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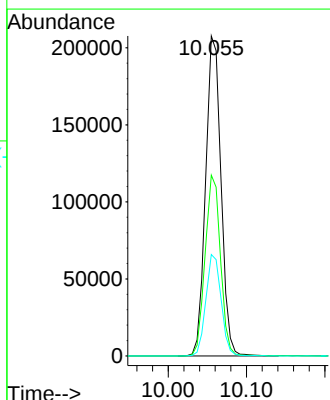
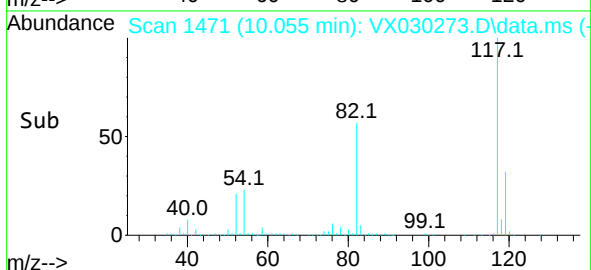
Reviewed By :John Carlone 07/29/2022
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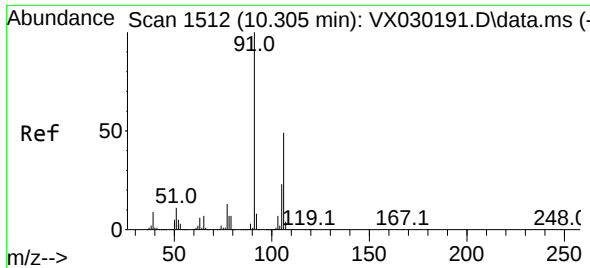


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030273.D
Acq: 28 Jul 2022 16:34



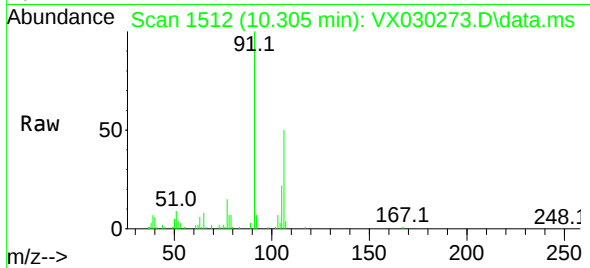
Tgt Ion:117 Resp: 282755
Ion Ratio Lower Upper
117 100
82 56.5 42.7 64.1
119 31.7 25.4 38.2





#68
m/p-Xylenes
Concen: 1.832 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX030273.D
Acq: 28 Jul 2022 16:34

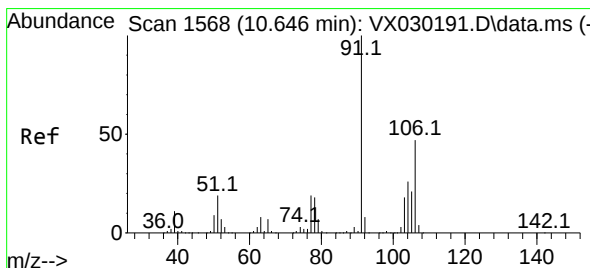
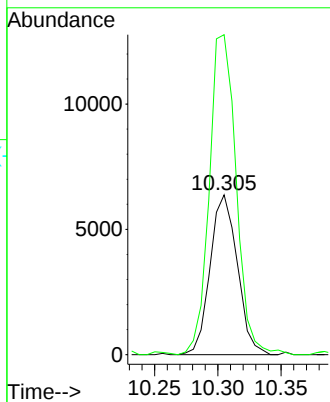
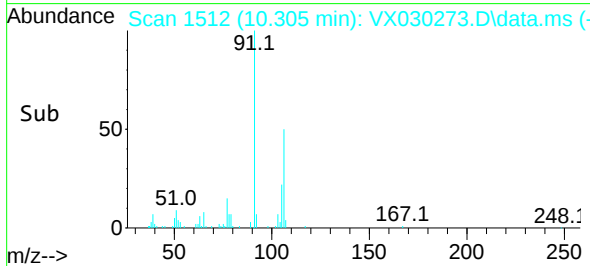
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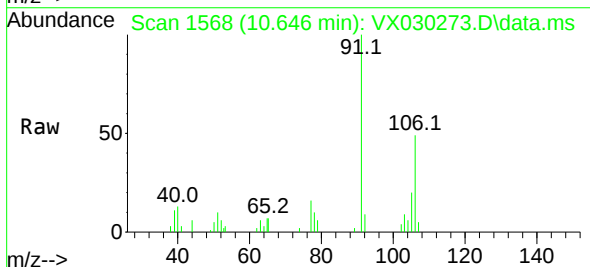
Tgt Ion:106 Resp: 9530
Ion Ratio Lower Upper
106 100
91 198.0 158.2 237.4

Manual Integrations
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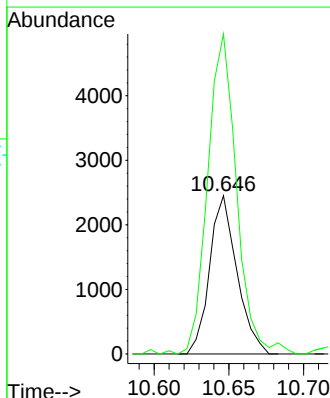
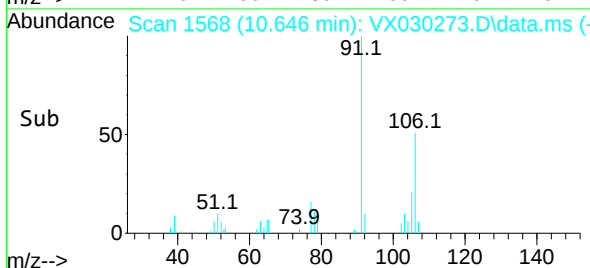
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

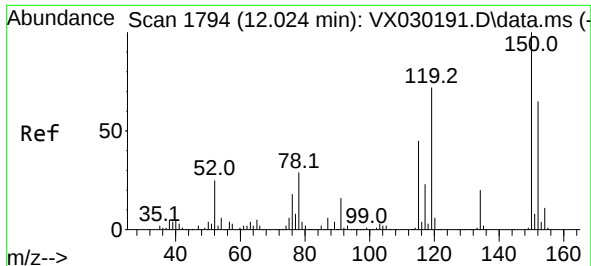


#69
o-Xylene
Concen: 0.608 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX030273.D
Acq: 28 Jul 2022 16:34



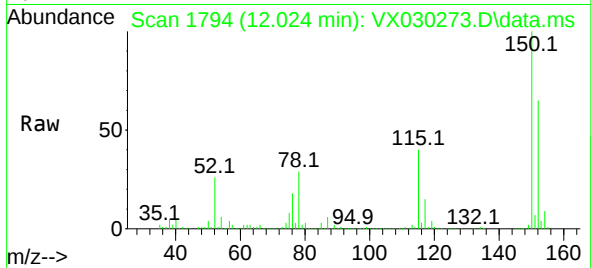
Tgt Ion:106 Resp: 3119
Ion Ratio Lower Upper
106 100
91 213.3 103.8 311.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030273.D
Acq: 28 Jul 2022 16:34

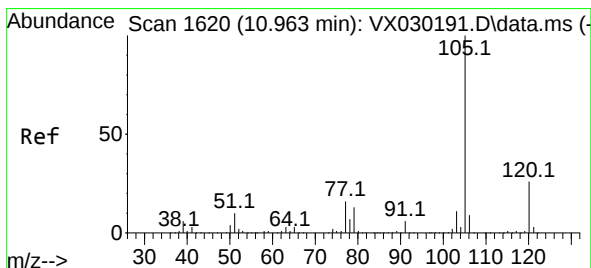
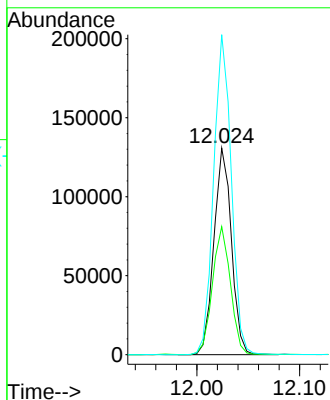
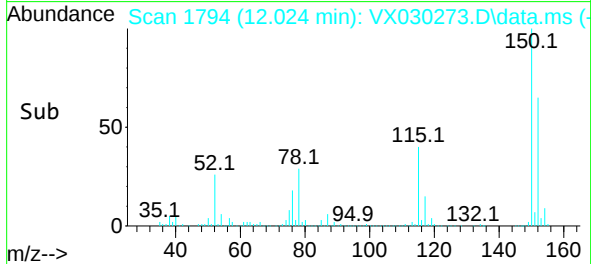
Instrument :
MSVOA_X
ClientSampleId :
62422



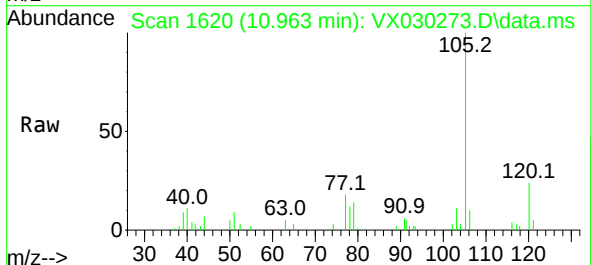
Tgt Ion:152 Resp: 154450
Ion Ratio Lower Upper
152 100
115 63.3 40.5 121.5
150 156.5 0.0 347.0

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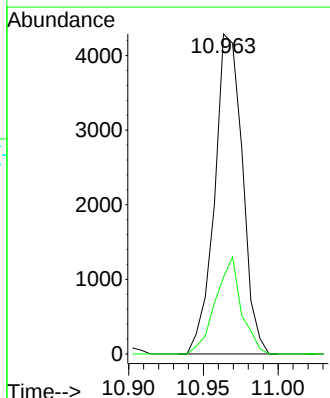
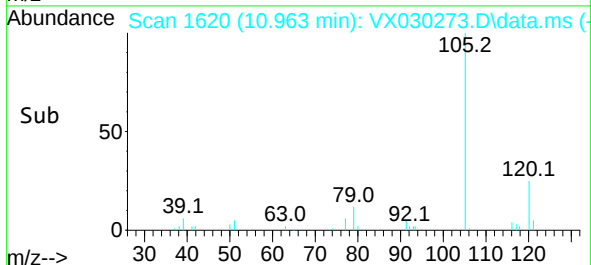
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

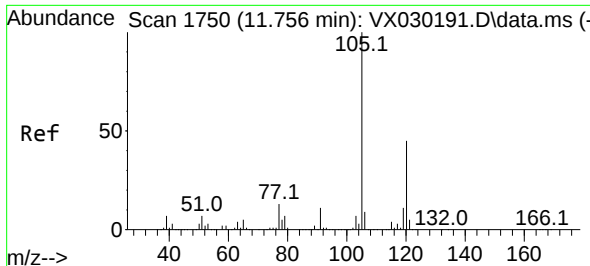


#73
Isopropylbenzene
Concen: 0.460 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX030273.D
Acq: 28 Jul 2022 16:34



Tgt Ion:105 Resp: 5545
Ion Ratio Lower Upper
105 100
120 28.0 13.5 40.4





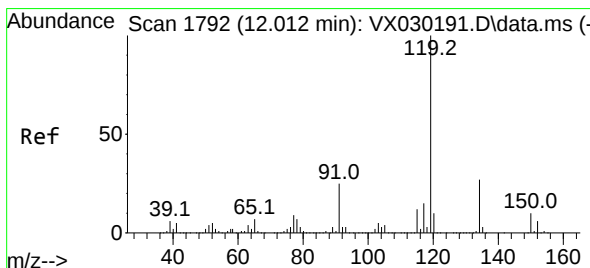
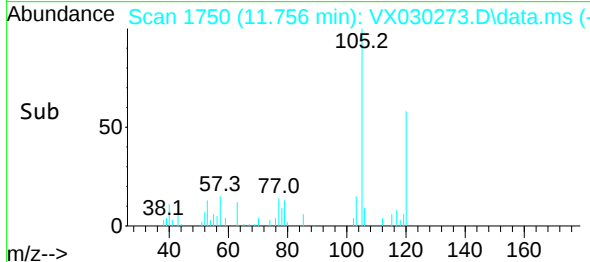
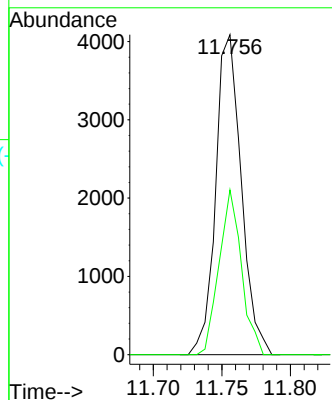
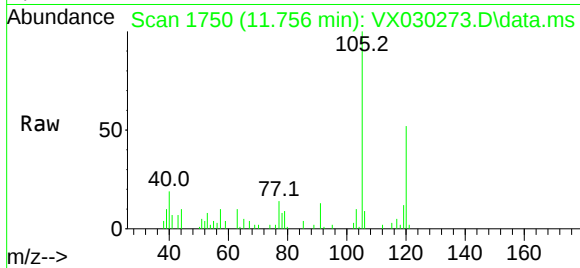
#84
1,2,4-Trimethylbenzene
Concen: 0.527 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX030273.D
Acq: 28 Jul 2022 16:34

Instrument :
MSVOA_X
ClientSampleId :
62422

Tgt Ion:105 Resp: 5304
Ion Ratio Lower Upper
105 100
120 45.0 22.9 68.8

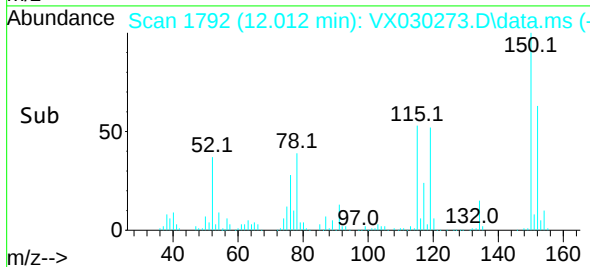
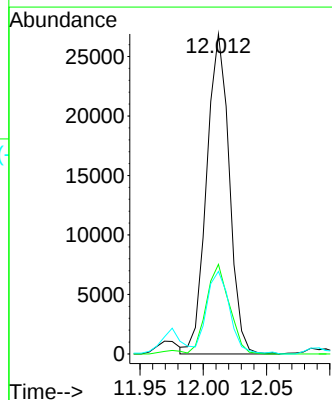
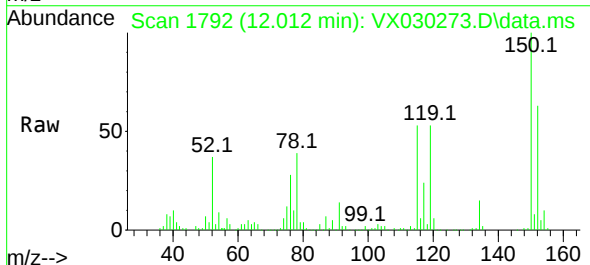
Manual Integrations
APPROVED

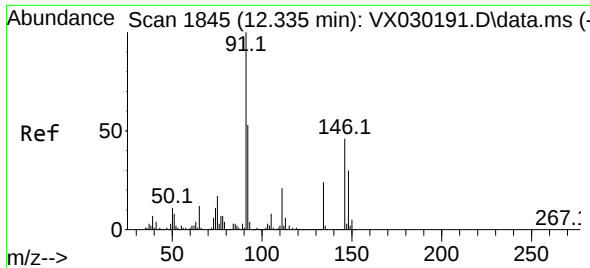
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#86
p-Isopropyltoluene
Concen: 3.273 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VX030273.D
Acq: 28 Jul 2022 16:34

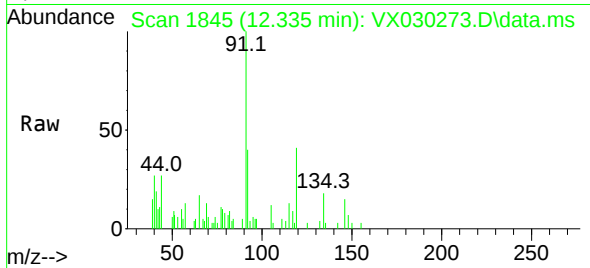
Tgt Ion:119 Resp: 33542
Ion Ratio Lower Upper
119 100
134 29.5 13.9 41.6
91 26.0 11.8 35.3





#89
n-Butylbenzene
Concen: 0.311 ug/l m
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030273.D
Acq: 28 Jul 2022 16:34

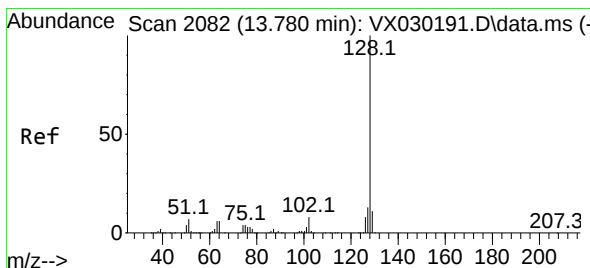
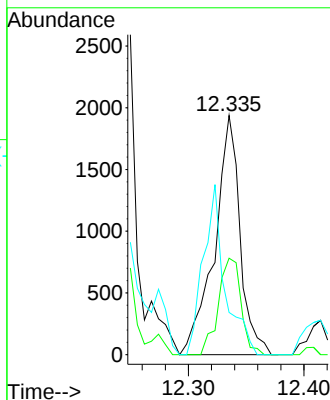
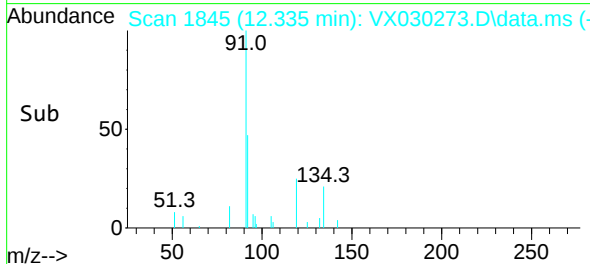
Instrument :
MSVOA_X
ClientSampleId :
62422



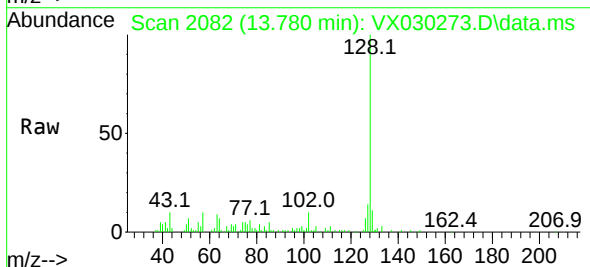
Tgt Ion: 91 Resp: 296
Ion Ratio Lower Upper
91 100
92 67.0 26.2 78.5
134 62.0 12.6 37.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#95
Naphthalene
Concen: 1.585 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX030273.D
Acq: 28 Jul 2022 16:34



Tgt Ion:128 Resp: 19396
Ion Ratio Lower Upper
128 100
127 14.8 10.2 15.2
129 16.1 8.6 13.0

