

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
 Data File : VX029236.D
 Acq On : 06 Jun 2022 14:00
 Operator : JC/MD
 Sample : N3174-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 INF0622

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/07/2022
 Supervised By : Mahesh Dadoda 06/07/2022

Quant Time: Jun 07 06:04:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	324487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	601582	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	595406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	299089	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	214424	58.601	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 117.200%			
35) Dibromofluoromethane	5.391	113	196419	49.156	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.320%			
50) Toluene-d8	8.653	98	727291	49.765	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.540%			
62) 4-Bromofluorobenzene	11.085	95	308305	54.574	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.140%			
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	854	0.289	ug/l #	67
11) Tert butyl alcohol	2.952	59	12889	15.206	ug/l #	72
22) Diisopropyl ether	3.763	45	10634	1.210	ug/l #	85
25) 2-Butanone	4.574	43	3658	1.574	ug/l	100
31) Cyclohexane	5.476	56	260167	54.691	ug/l	98
39) Methylcyclohexane	7.385	83	139918	22.014	ug/l	95
40) Benzene	6.043	78	4585344	301.110	ug/l	100
52) Toluene	8.720	92	807513	79.385	ug/l	97
67) Ethyl Benzene	10.195	91	5229872	254.471	ug/l	94
68) m/p-Xylenes	10.305	106	5067615	613.983	ug/l	86
69) o-Xylene	10.646	106	701883	86.045	ug/l	99
73) Isopropylbenzene	10.963	105	557255	27.725	ug/l	98
78) n-propylbenzene	11.305	91	1239273	55.438	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	935025	54.340	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	4217996	245.583	ug/l	97
85) sec-Butylbenzene	11.890	105	42413m	2.054	ug/l	
86) p-Isopropyltoluene	12.012	119	20626	1.143	ug/l #	76
95) Naphthalene	13.774	128	1591907	80.210	ug/l	100

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

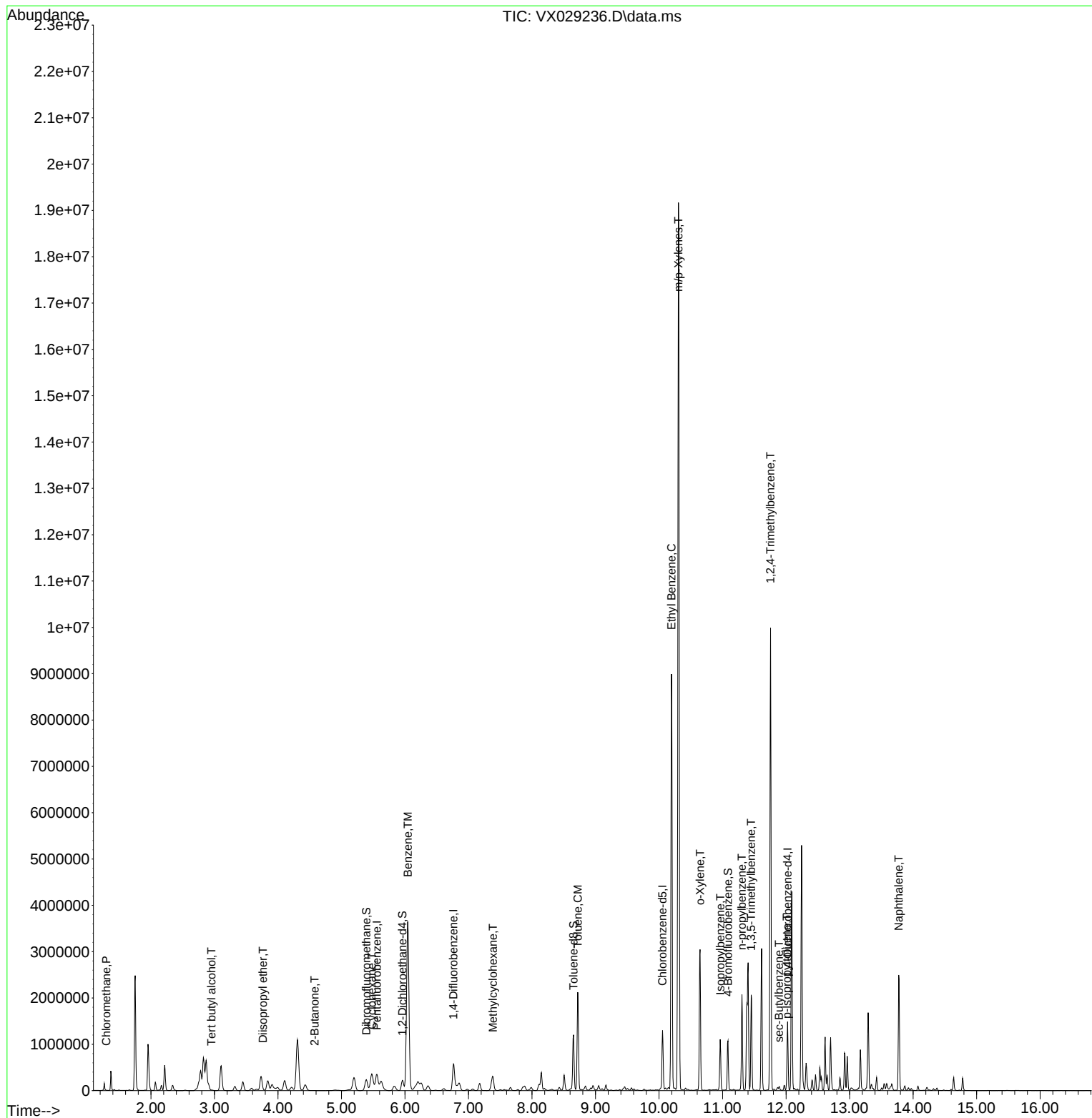
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
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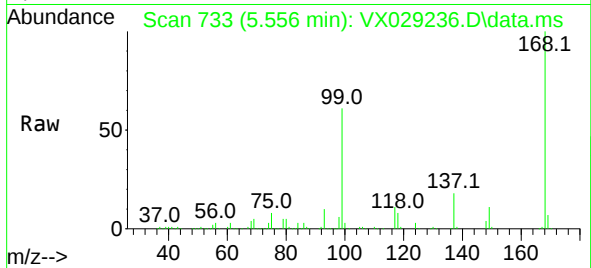
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029236.D
Acq: 06 Jun 2022 14:00

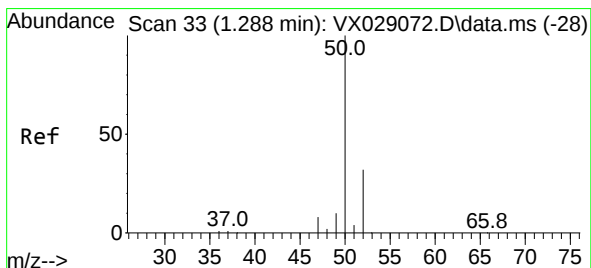
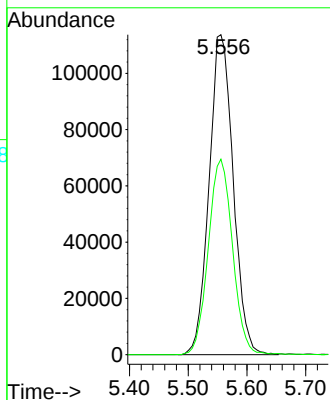
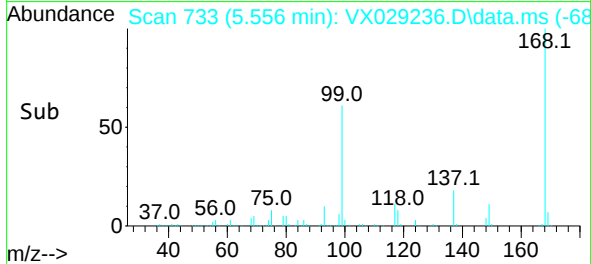
Instrument :
MSVOA_X
ClientSampleId :
INF0622



Tgt Ion:168 Resp: 32448
Ion Ratio Lower Upper
168 100
99 61.0 41.7 62.5

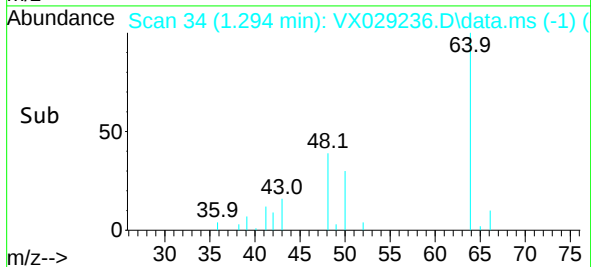
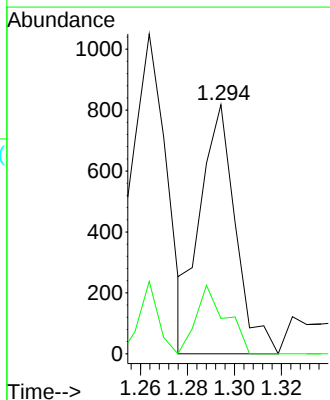
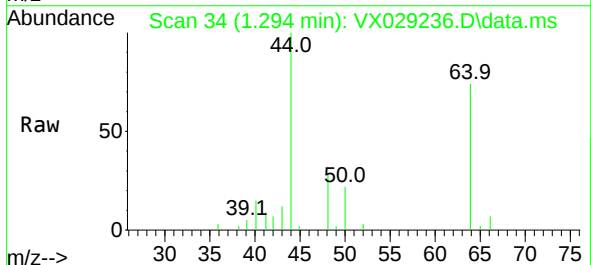
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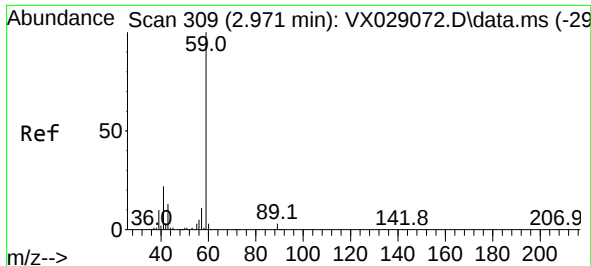
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#3
Chloromethane
Concen: 0.289 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029236.D
Acq: 06 Jun 2022 14:00

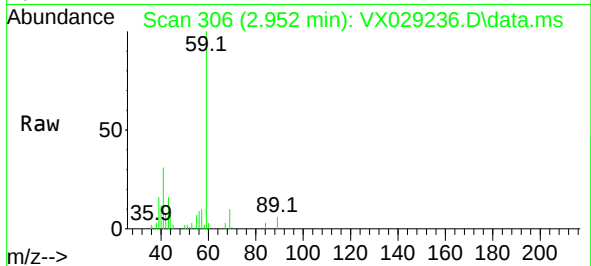
Tgt Ion: 50 Resp: 854
Ion Ratio Lower Upper
50 100
52 14.2 26.4 39.6#





#11
Tert butyl alcohol
Concen: 15.206 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.019 min
Lab File: VX029236.D
Acq: 06 Jun 2022 14:00

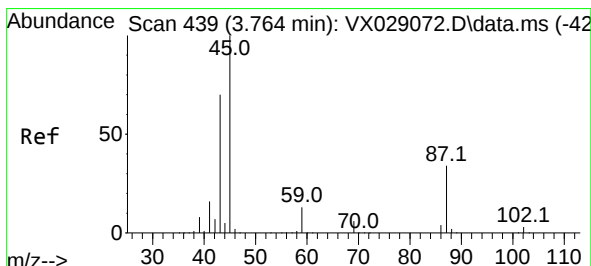
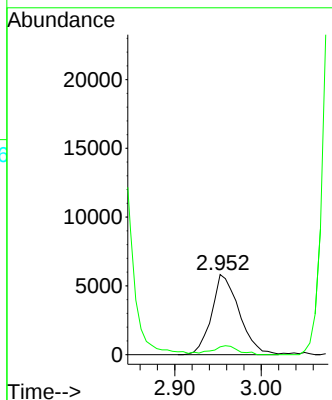
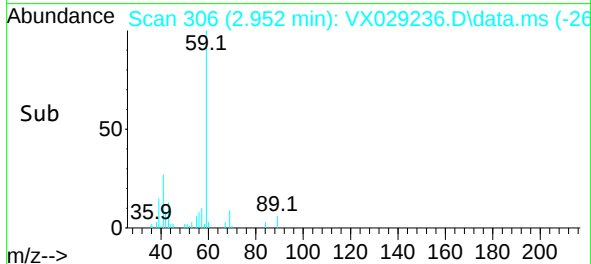
Instrument :
MSVOA_X
ClientSampleId :
INF0622



Tgt Ion: 59 Resp: 12889
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5

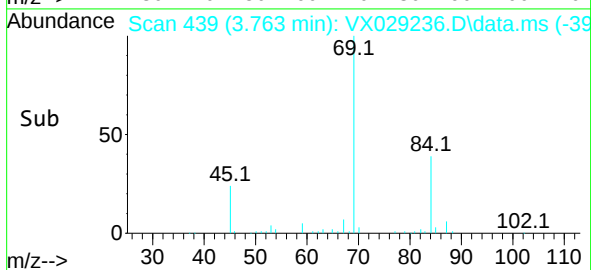
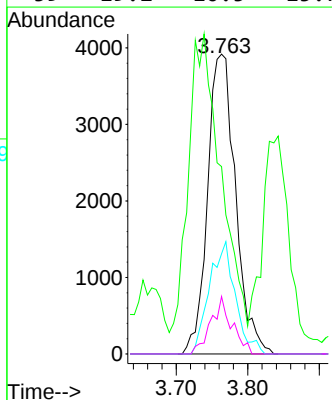
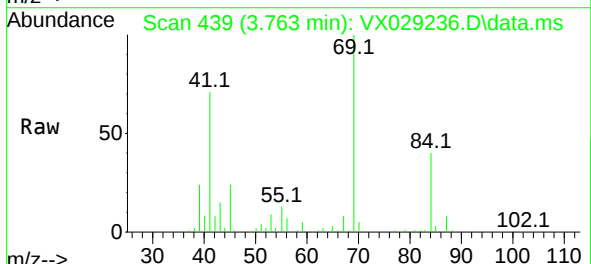
Manual Integrations
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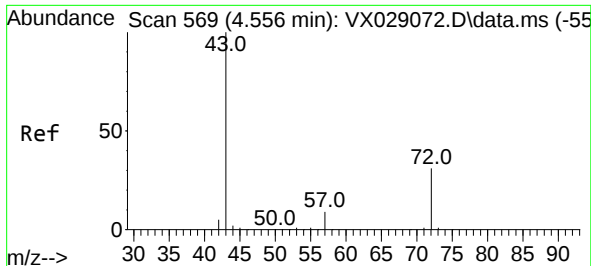
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#22
Diisopropyl ether
Concen: 1.210 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.001 min
Lab File: VX029236.D
Acq: 06 Jun 2022 14:00

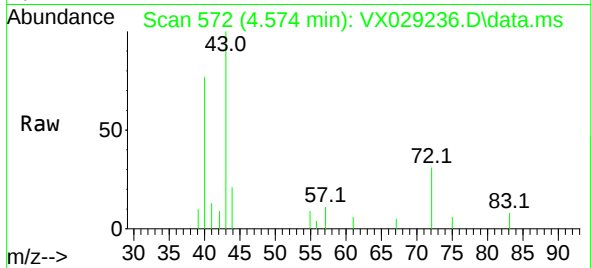
Tgt Ion: 45 Resp: 10634
Ion Ratio Lower Upper
45 100
43 46.0 50.8 76.2#
87 33.4 26.6 39.8
59 19.2 10.5 15.7#





#25
2-Butanone
Concen: 1.574 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX029236.D
Acq: 06 Jun 2022 14:00

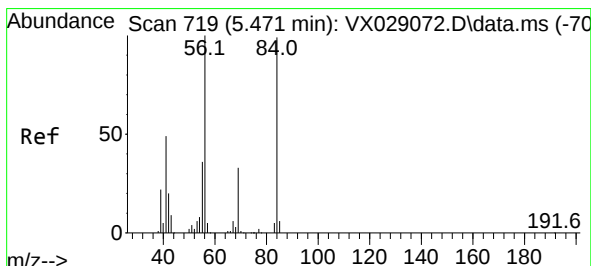
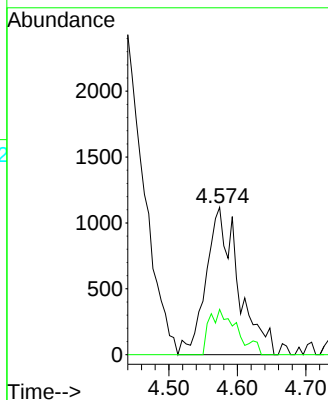
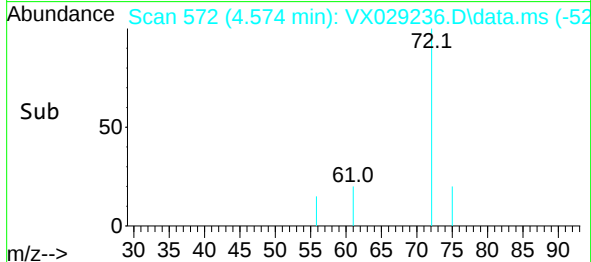
Instrument :
MSVOA_X
ClientSampleId :
INF0622



Tgt Ion: 43 Resp: 3658
Ion Ratio Lower Upper
43 100
72 30.8 24.4 36.6

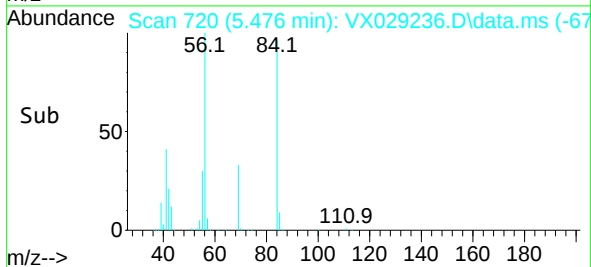
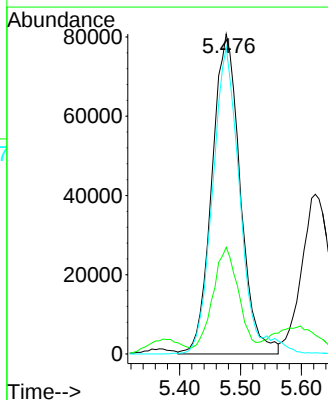
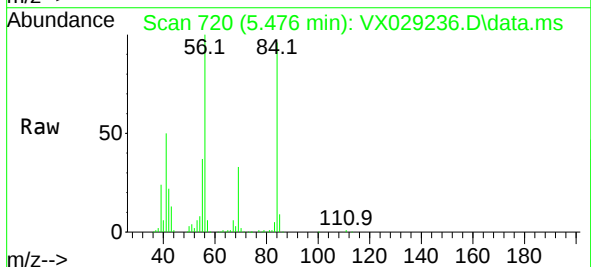
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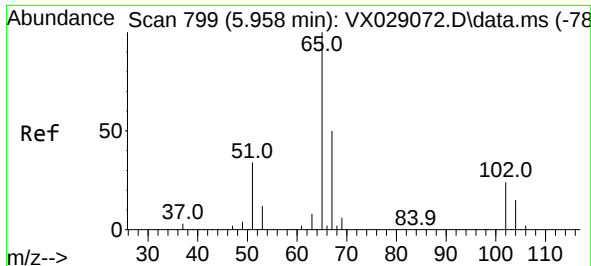
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#31
Cyclohexane
Concen: 54.691 ug/l
RT: 5.476 min Scan# 720
Delta R.T. 0.005 min
Lab File: VX029236.D
Acq: 06 Jun 2022 14:00

Tgt Ion: 56 Resp: 260167
Ion Ratio Lower Upper
56 100
69 30.0 26.7 40.1
84 96.3 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 58.601 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX029236.D

Acq: 06 Jun 2022 14:00

Instrument :

MSVOA_X

ClientSampleId :

INF0622

Tgt Ion: 65 Resp: 214424

Ion Ratio Lower Upper

65 100

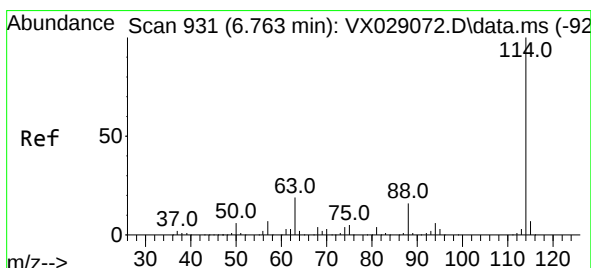
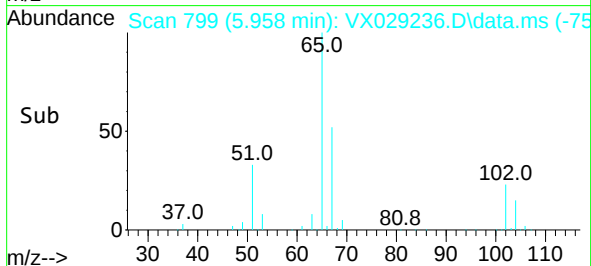
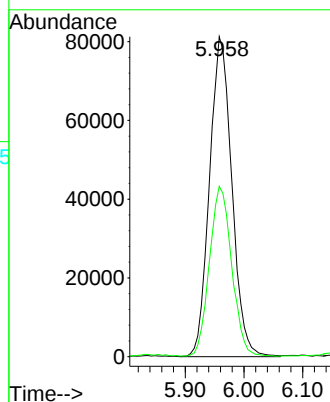
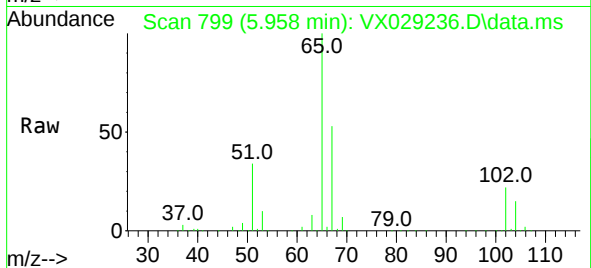
67 52.7 0.0 107.4

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX029236.D

Acq: 06 Jun 2022 14:00

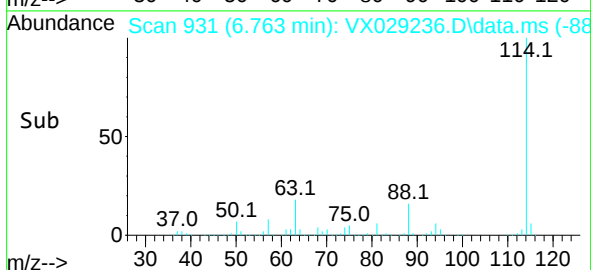
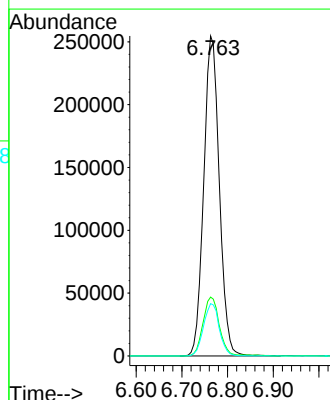
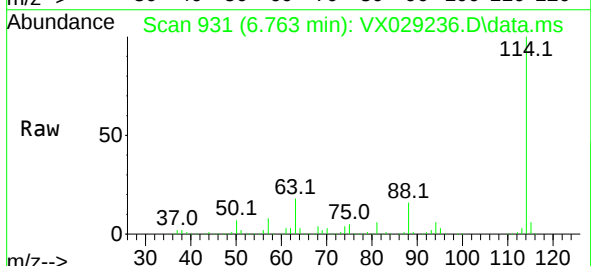
Tgt Ion:114 Resp: 601582

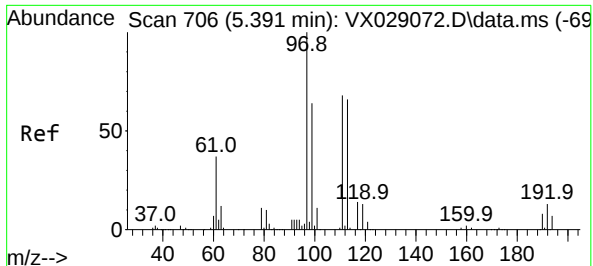
Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.8

88 16.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 49.156 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029236.D

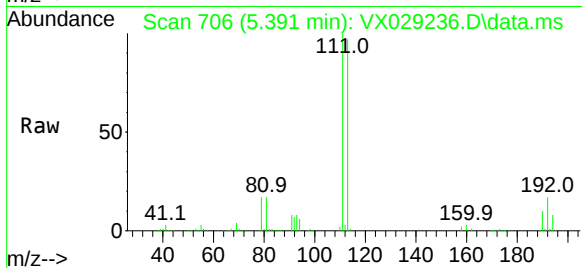
Acq: 06 Jun 2022 14:00

Instrument :

MSVOA_X

ClientSampleId :

INF0622



Tgt Ion:113 Resp: 196419

Ion Ratio Lower Upper

113 100

111 104.0 82.8 124.2

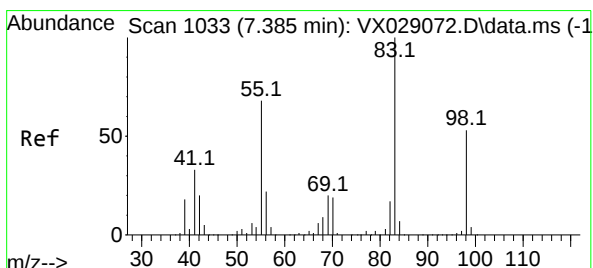
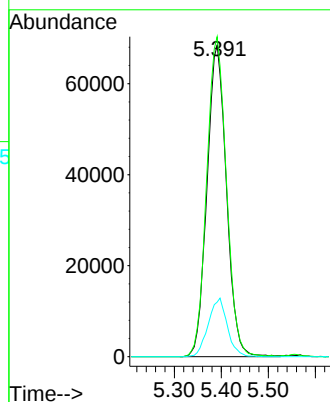
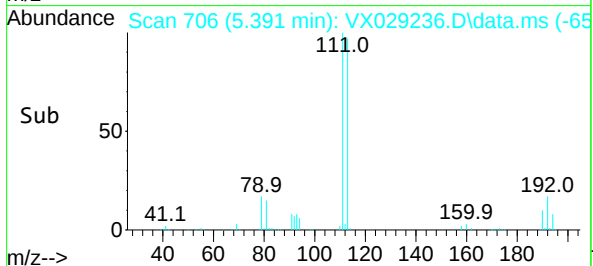
192 18.4 16.9 25.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#39

Methylcyclohexane

Concen: 22.014 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX029236.D

Acq: 06 Jun 2022 14:00

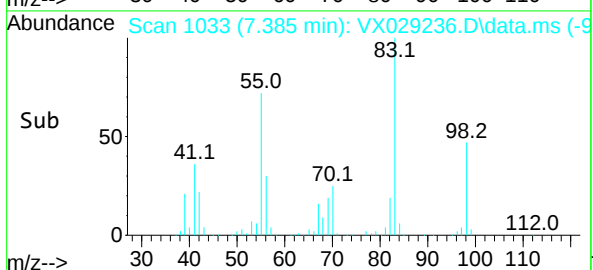
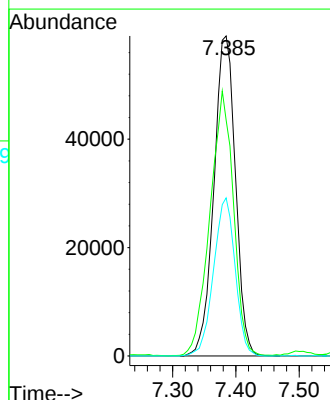
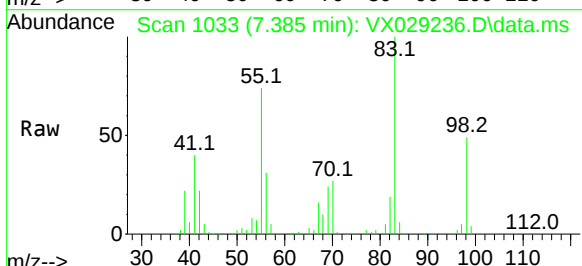
Tgt Ion: 83 Resp: 139918

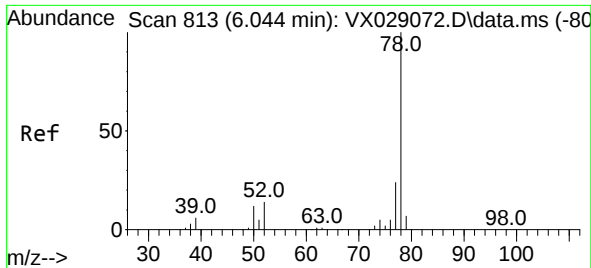
Ion Ratio Lower Upper

83 100

55 73.5 54.6 81.8

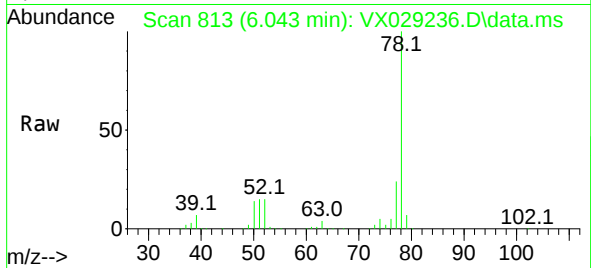
98 49.4 37.4 56.2





#40
Benzene
Concen: 301.110 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.001 min
Lab File: VX029236.D
Acq: 06 Jun 2022 14:00

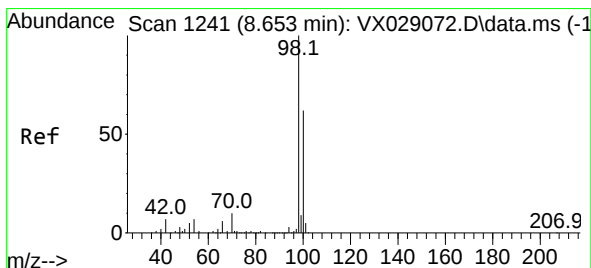
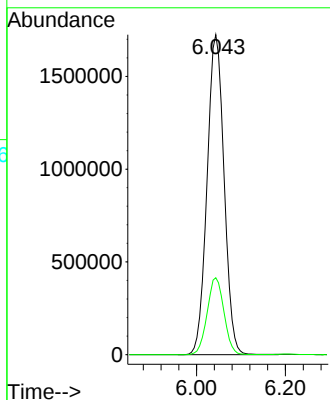
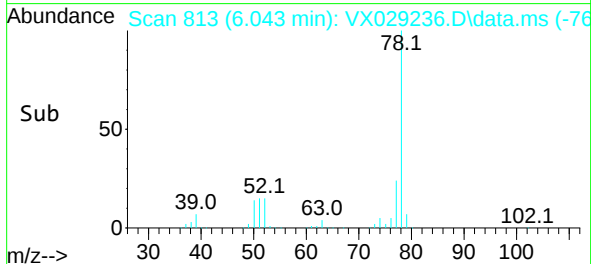
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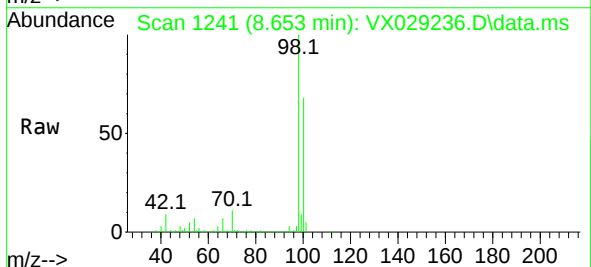
Tgt Ion: 78 Resp: 458534
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9

Manual Integrations
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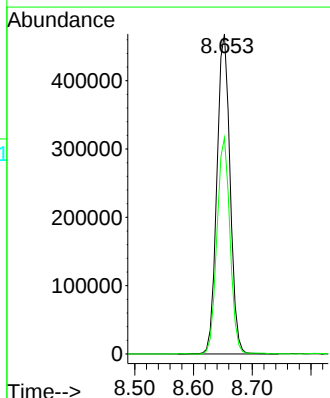
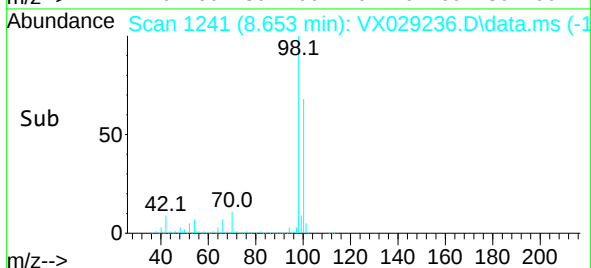
Reviewed By :John Carlone 06/07/2022
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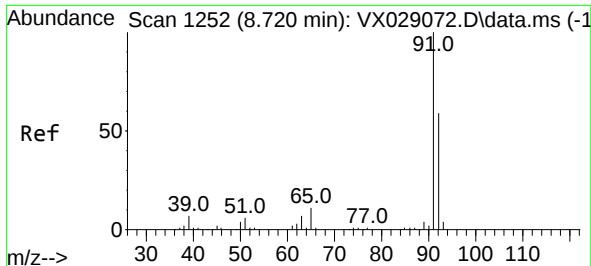


#50
Toluene-d8
Concen: 49.765 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029236.D
Acq: 06 Jun 2022 14:00



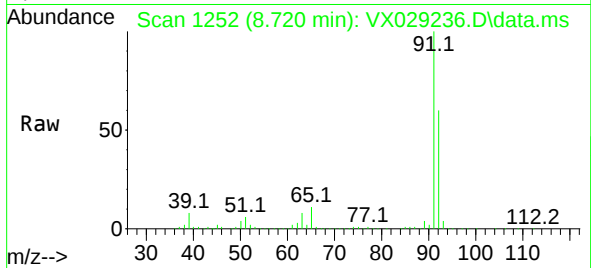
Tgt Ion: 98 Resp: 727291
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8





#52
Toluene
Concen: 79.385 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029236.D
Acq: 06 Jun 2022 14:00

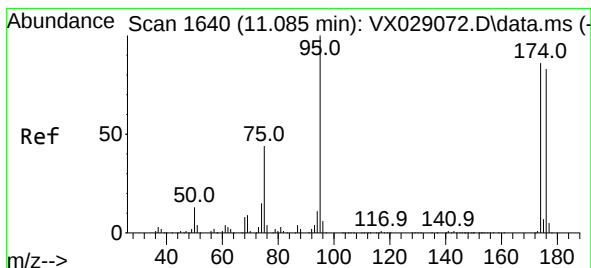
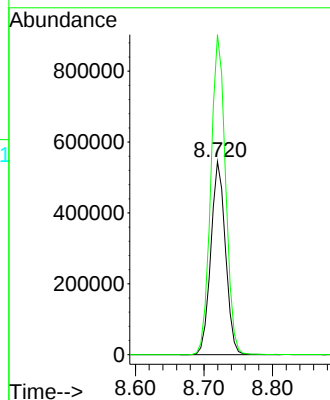
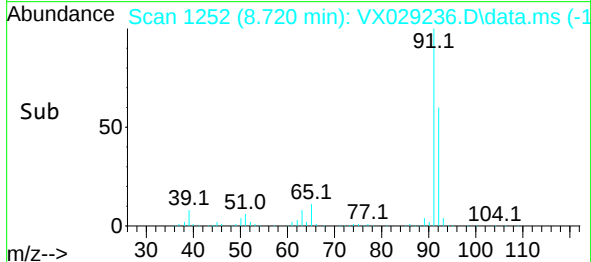
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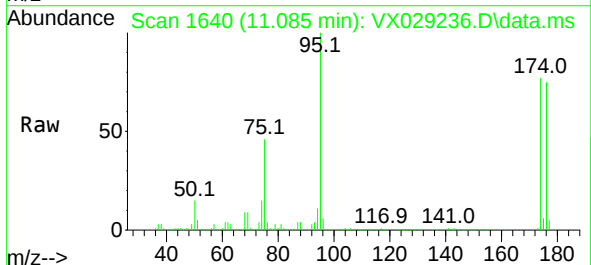
Tgt Ion: 92 Resp: 80751
Ion Ratio Lower Upper
92 100
91 167.2 137.5 206.3

Manual Integrations
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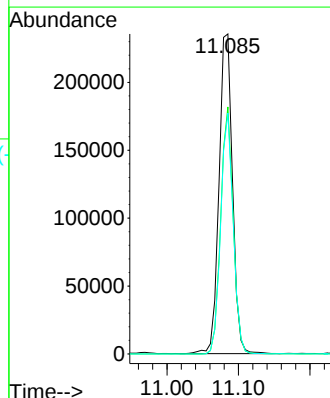
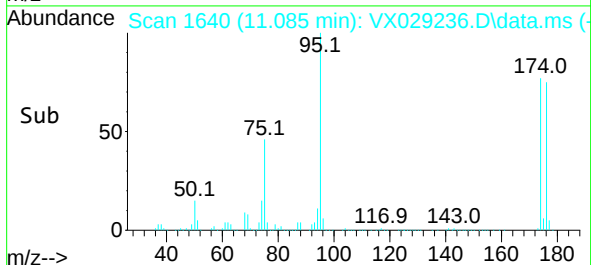
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

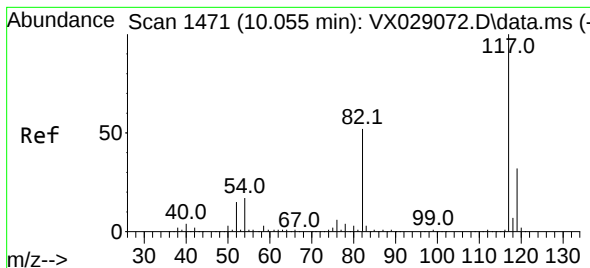


#62
4-Bromofluorobenzene
Concen: 54.574 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029236.D
Acq: 06 Jun 2022 14:00



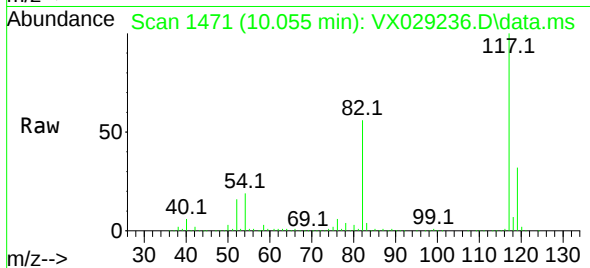
Tgt Ion: 95 Resp: 308305
Ion Ratio Lower Upper
95 100
174 71.2 0.0 163.0
176 69.9 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029236.D
Acq: 06 Jun 2022 14:00

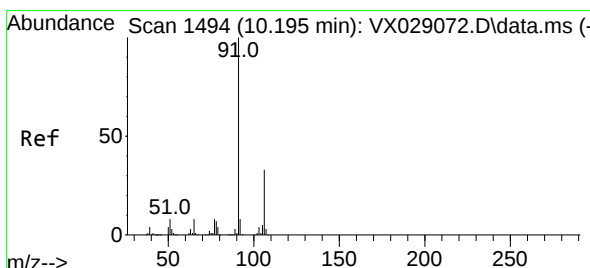
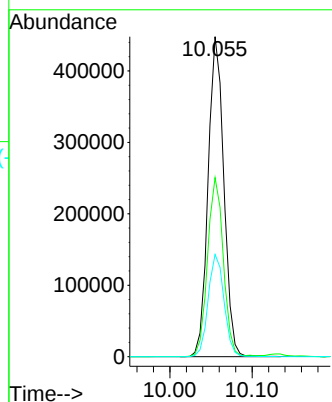
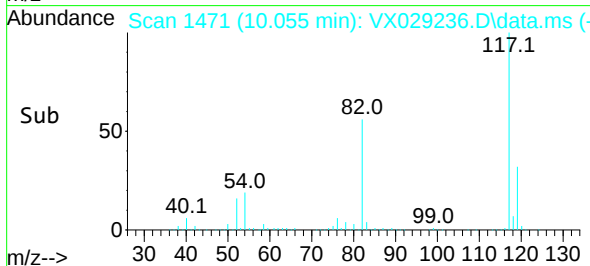
Instrument :
MSVOA_X
ClientSampleId :
INF0622



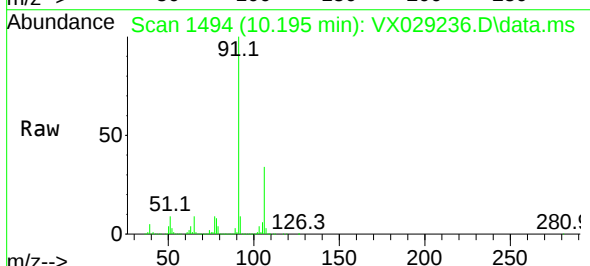
Tgt Ion:117 Resp: 595400
Ion Ratio Lower Upper
117 100
82 55.9 41.8 62.8
119 32.0 24.8 37.2

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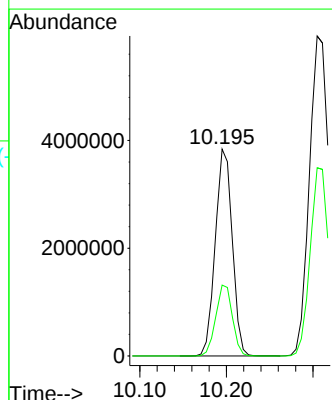
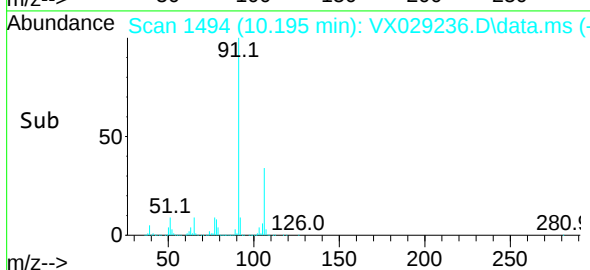
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

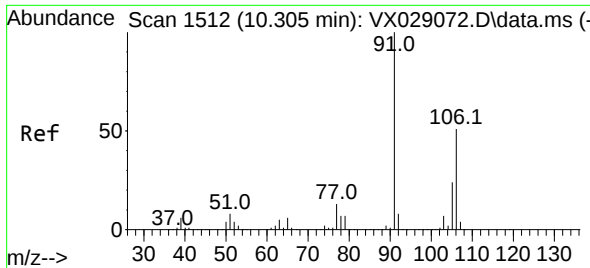


#67
Ethyl Benzene
Concen: 254.471 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029236.D
Acq: 06 Jun 2022 14:00



Tgt Ion: 91 Resp: 5229872
Ion Ratio Lower Upper
91 100
106 34.3 24.6 36.8





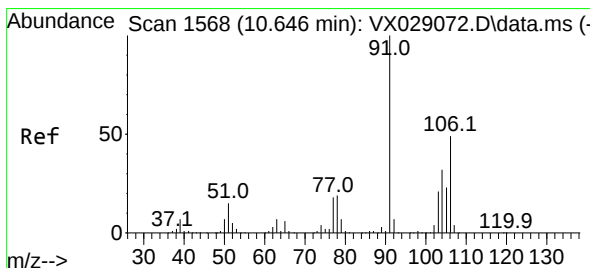
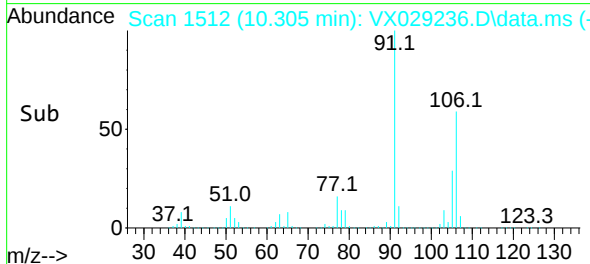
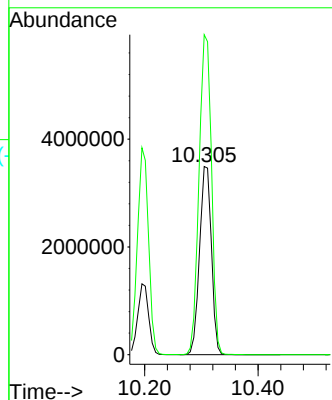
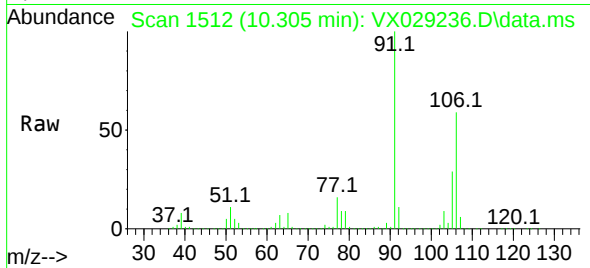
#68
m/p-Xylenes
Concen: 613.983 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029236.D
Acq: 06 Jun 2022 14:00

Instrument :
MSVOA_X
ClientSampleId :
INF0622

Tgt Ion:106 Resp: 506761
Ion Ratio Lower Upper
106 100
91 178.6 160.4 240.6

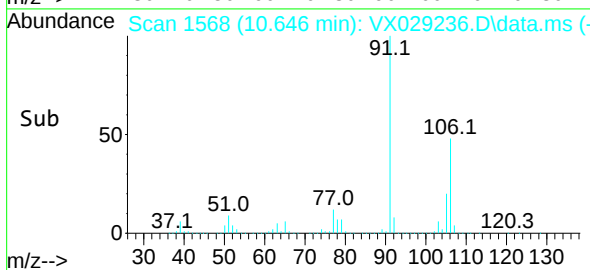
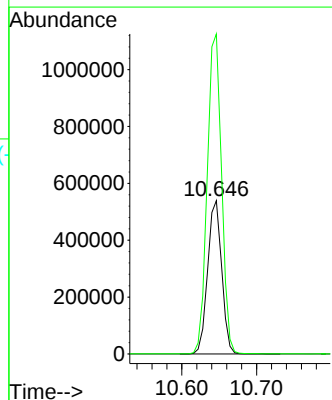
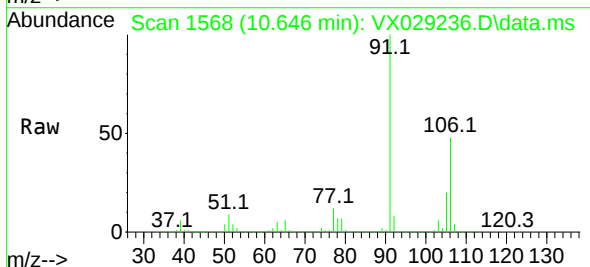
Manual Integrations
APPROVED

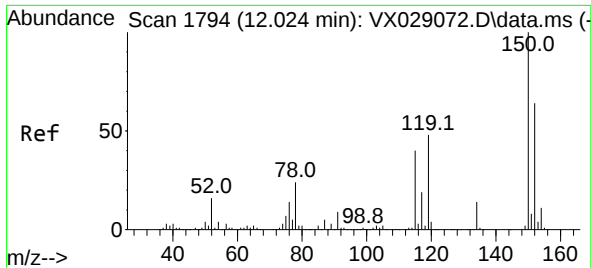
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#69
o-Xylene
Concen: 86.045 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX029236.D
Acq: 06 Jun 2022 14:00

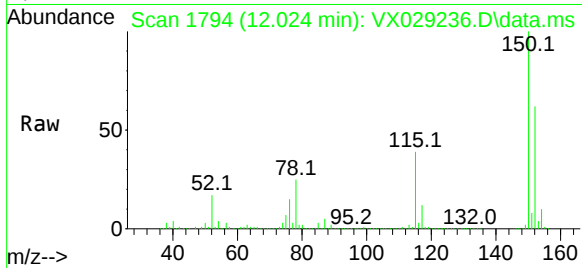
Tgt Ion:106 Resp: 701883
Ion Ratio Lower Upper
106 100
91 213.3 106.1 318.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029236.D
Acq: 06 Jun 2022 14:00

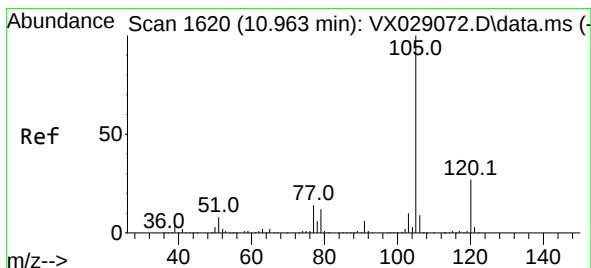
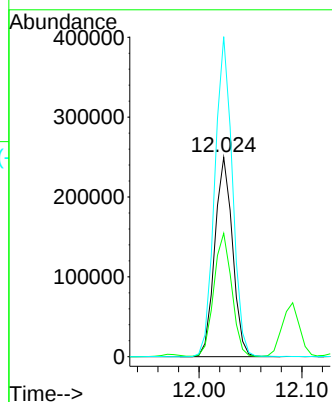
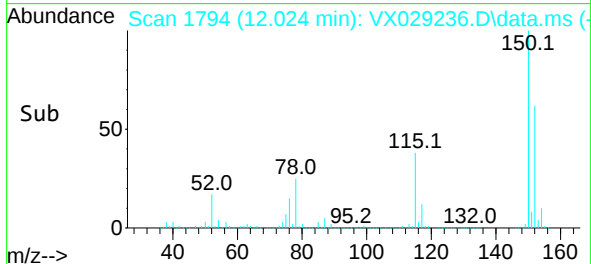
Instrument :
MSVOA_X
ClientSampleId :
INF0622



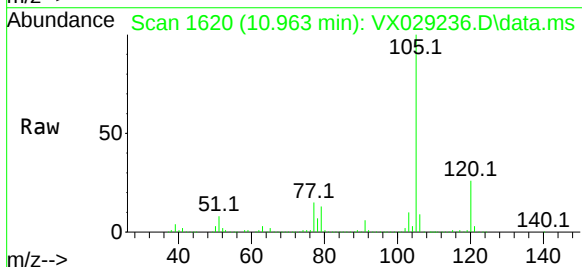
Tgt Ion:152 Resp: 299089
Ion Ratio Lower Upper
152 100
115 61.9 37.5 112.7
150 159.0 0.0 338.2

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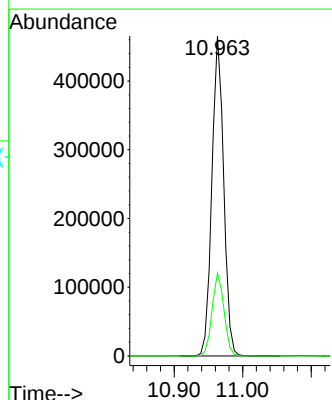
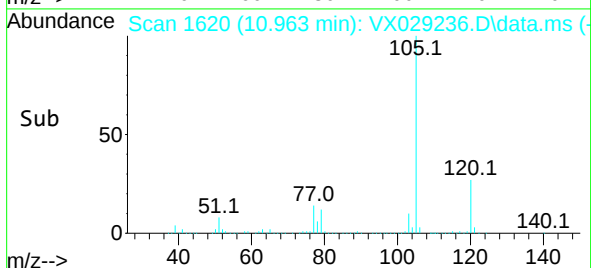
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

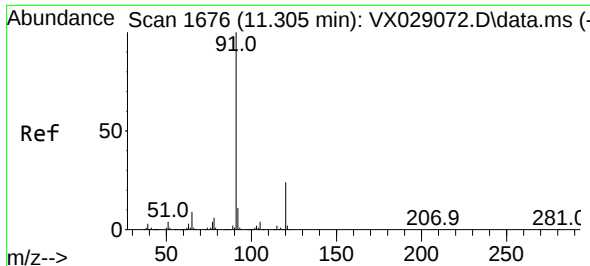


#73
Isopropylbenzene
Concen: 27.725 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029236.D
Acq: 06 Jun 2022 14:00



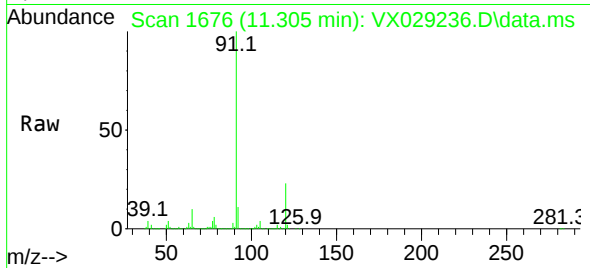
Tgt Ion:105 Resp: 557255
Ion Ratio Lower Upper
105 100
120 26.1 13.5 40.5





#78
n-propylbenzene
Concen: 55.438 ug/l
RT: 11.305 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX029236.D
Acq: 06 Jun 2022 14:00

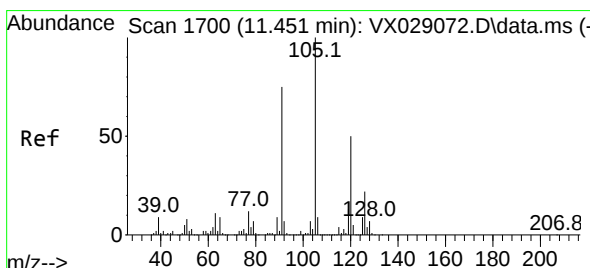
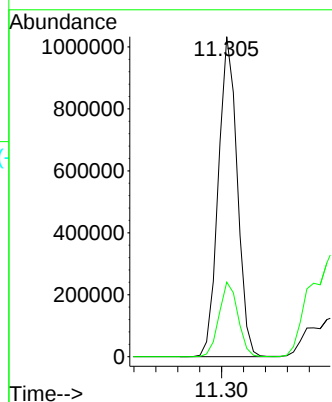
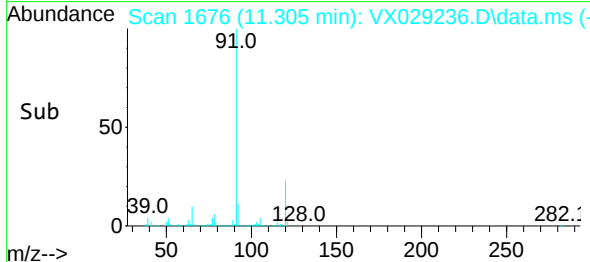
Instrument :
MSVOA_X
ClientSampleId :
INF0622



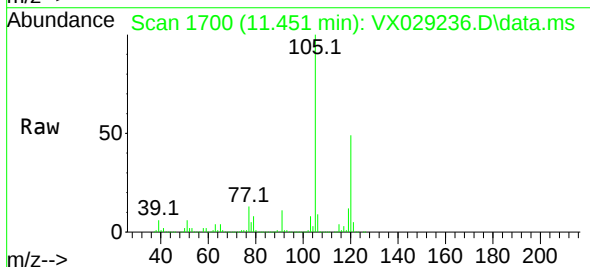
Tgt Ion: 91 Resp: 123927
Ion Ratio Lower Upper
91 100
120 23.2 11.6 34.8

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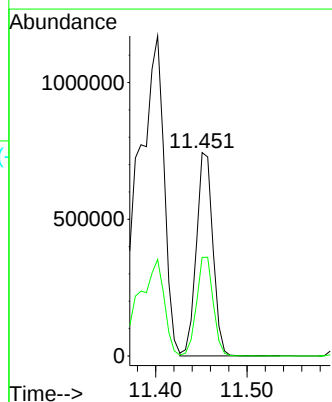
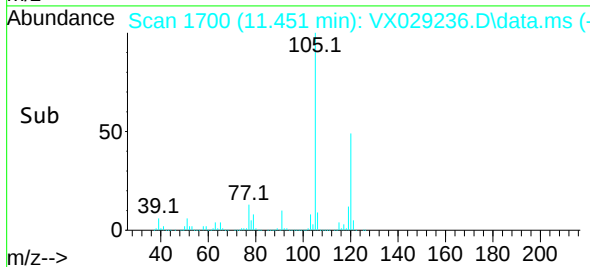
Reviewed By :John Carlone 06/07/2022
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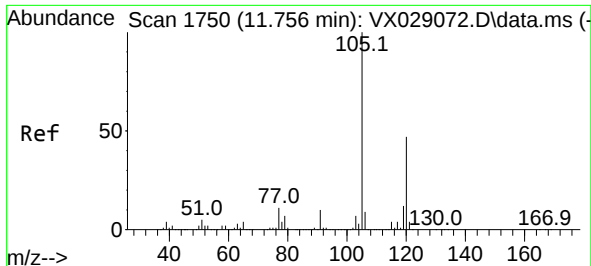


#80
1,3,5-Trimethylbenzene
Concen: 54.340 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX029236.D
Acq: 06 Jun 2022 14:00



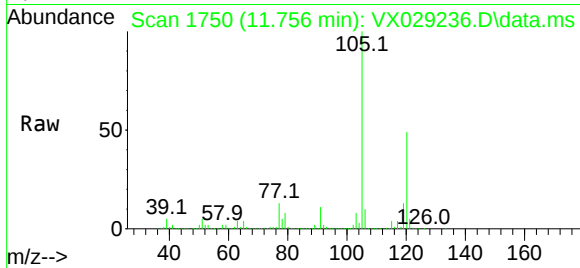
Tgt Ion:105 Resp: 935025
Ion Ratio Lower Upper
105 100
120 48.8 24.3 72.9





#84
1,2,4-Trimethylbenzene
Concen: 245.583 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX029236.D
Acq: 06 Jun 2022 14:00

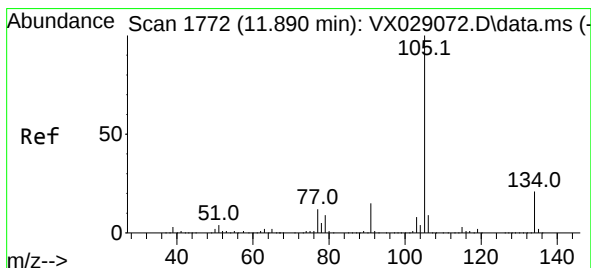
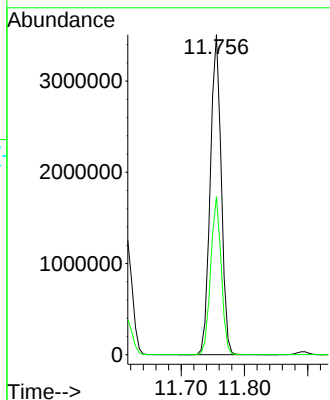
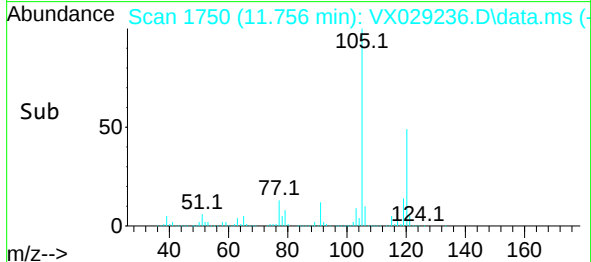
Instrument :
MSVOA_X
ClientSampleId :
INF0622



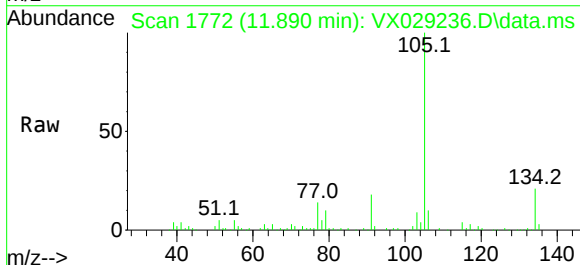
Tgt Ion:105 Resp: 4217990
Ion Ratio Lower Upper
105 100
120 47.5 22.6 67.8

Manual Integrations
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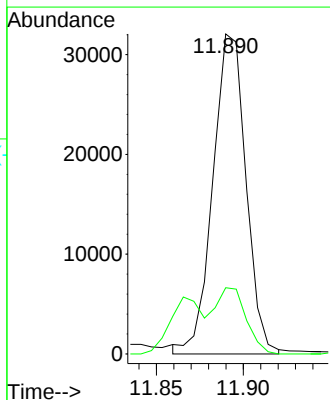
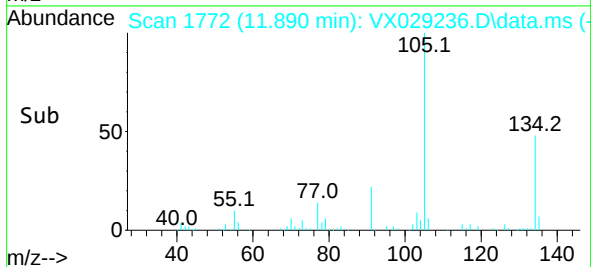
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

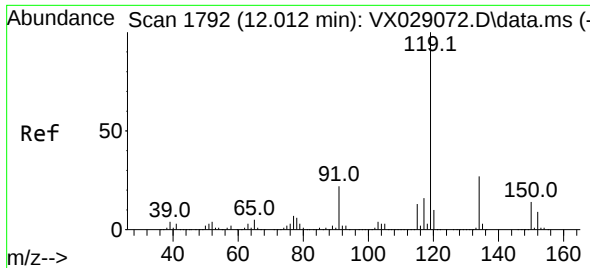


#85
sec-Butylbenzene
Concen: 2.054 ug/l m
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX029236.D
Acq: 06 Jun 2022 14:00



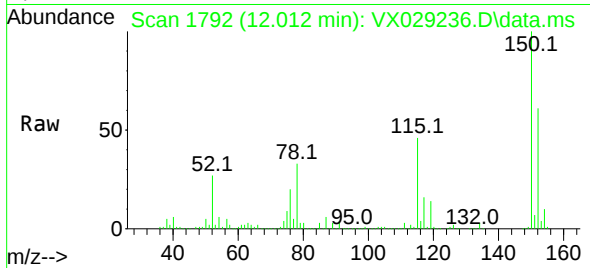
Tgt Ion:105 Resp: 42413
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#





#86
p-Isopropyltoluene
Concen: 1.143 ug/l
RT: 12.012 min Scan# 119
Delta R.T. -0.000 min
Lab File: VX029236.D
Acq: 06 Jun 2022 14:00

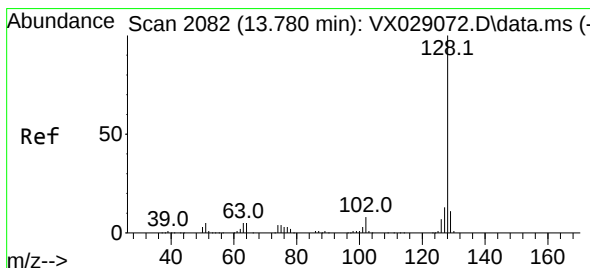
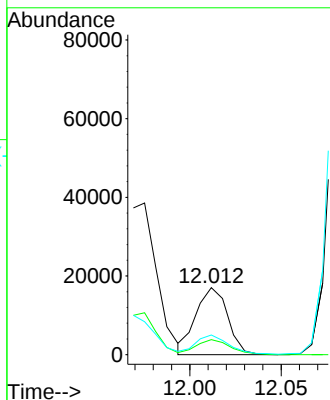
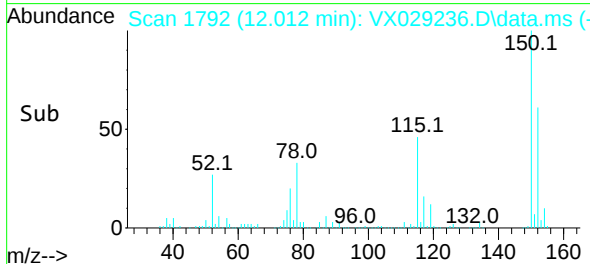
Instrument :
MSVOA_X
ClientSampleId :
INF0622



Tgt Ion:119 Resp: 20620
Ion Ratio Lower Upper
119 100
134 24.1 13.0 39.0
91 0.0 11.3 33.9

Manual Integrations
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Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#95
Naphthalene
Concen: 80.210 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX029236.D
Acq: 06 Jun 2022 14:00

Tgt Ion:128 Resp: 1591907
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 11.1 8.7 13.1

