

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020222\
 Data File : VX026739.D
 Acq On : 02 Feb 2022 16:10
 Operator : JC/MD
 Sample : N1380-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 INF0222

Quant Time: Feb 03 03:07:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/03/2022
 Supervised By : Mahesh Dadoda 02/04/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	122067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	204228	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176422	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	77160	45.250	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.500%		
35) Dibromofluoromethane	5.391	113	63613	48.234	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.460%		
50) Toluene-d8	8.653	98	234030	49.243	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.480%		
62) 4-Bromofluorobenzene	11.079	95	83716	49.587	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.180%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.971	59	5320	22.427	ug/l #	75
16) Acetone	2.386	43	1416m	1.628	ug/l	
22) Diisopropyl ether	3.764	45	5841	1.227	ug/l #	81
31) Cyclohexane	5.483	56	93007	36.980	ug/l	97
39) Methylcyclohexane	7.385	83	43507	17.325	ug/l	94
40) Benzene	6.044	78	1350921	234.755	ug/l	100
52) Toluene	8.720	92	177238	50.225	ug/l	100
67) Ethyl Benzene	10.195	91	1033549	153.088	ug/l	99
68) m/p-Xylenes	10.305	106	1020639	403.964	ug/l	95
69) o-Xylene	10.646	106	146439	60.066	ug/l	97
73) Isopropylbenzene	10.963	105	115840	17.753	ug/l	98
78) n-propylbenzene	11.305	91	233417	31.370	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	176767	32.860	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	818533	152.130	ug/l	96
89) n-Butylbenzene	12.329	91	5821m	1.245	ug/l	
95) Naphthalene	13.774	128	357999	63.224	ug/l	100

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

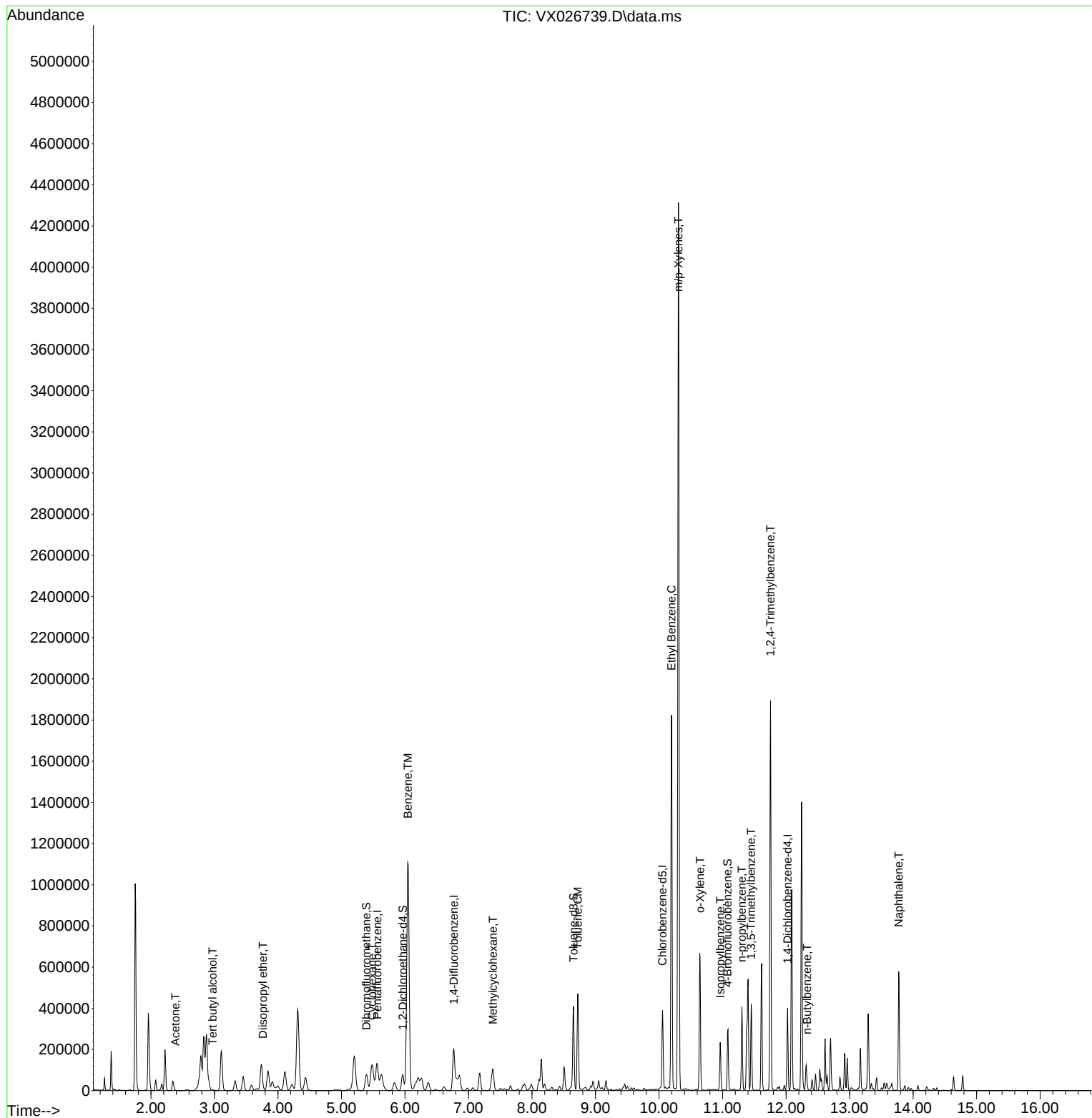
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020222\
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Quant Time: Feb 03 03:07:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

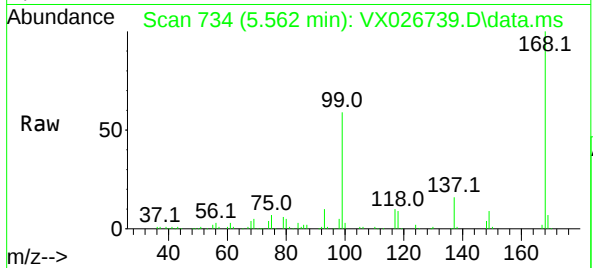
Reviewed By : John Carlone 02/03/2022
Supervised By : Mahesh Dadoda 02/04/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026739.D
Acq: 02 Feb 2022 16:10

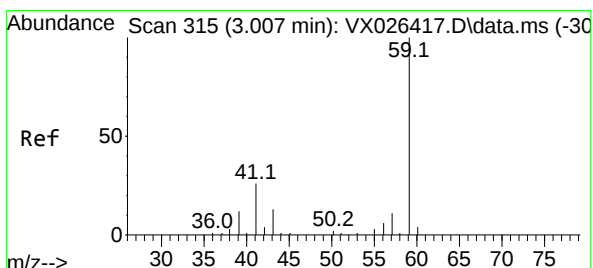
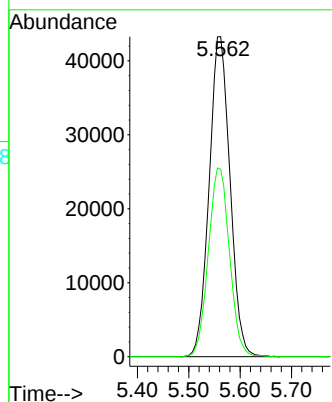
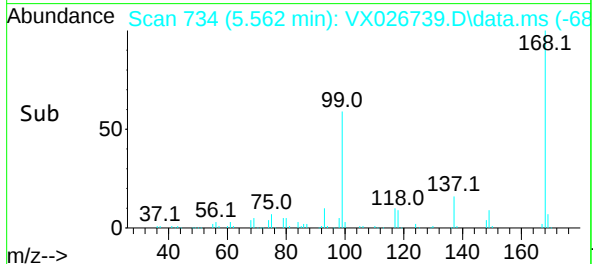
Instrument :
MSVOA_X
ClientSampleId :
INF0222



Tgt Ion:168 Resp: 12206
Ion Ratio Lower Upper
168 100
99 58.5 50.3 75.5

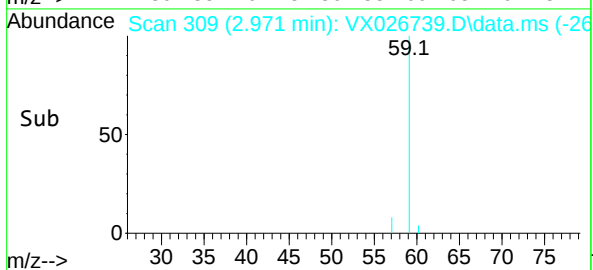
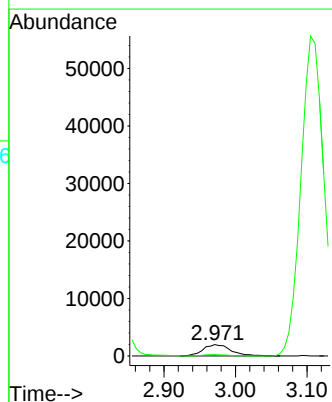
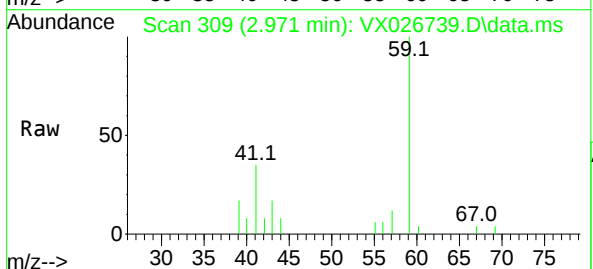
Manual Integrations
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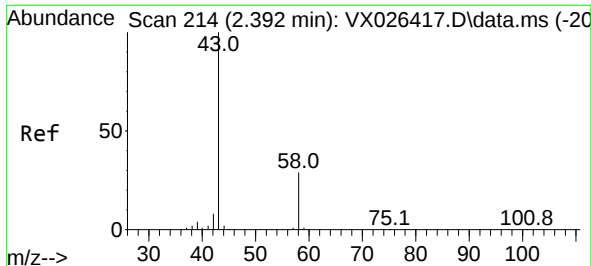
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#11
Tert butyl alcohol
Concen: 22.427 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.036 min
Lab File: VX026739.D
Acq: 02 Feb 2022 16:10

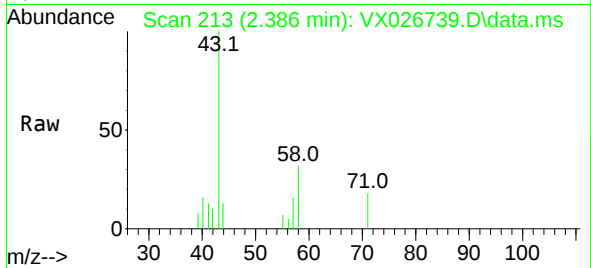
Tgt Ion: 59 Resp: 5320
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#





#16
Acetone
Concen: 1.628 ug/l m
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX026739.D
Acq: 02 Feb 2022 16:10

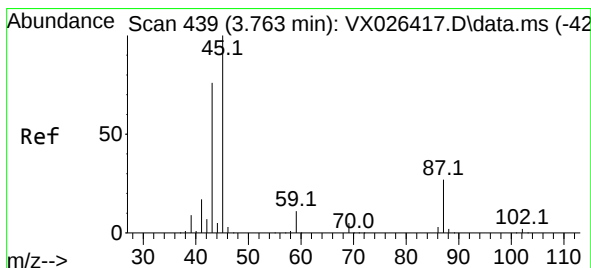
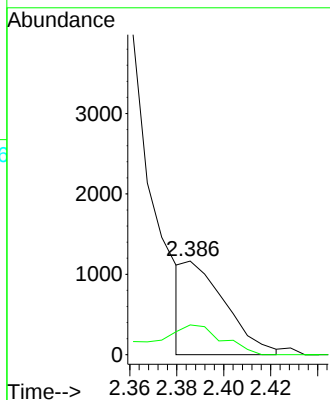
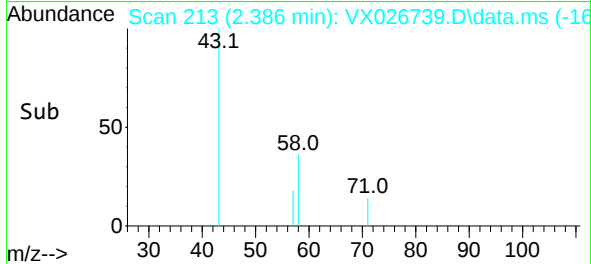
Instrument :
MSVOA_X
ClientSampleId :
INF0222



Tgt Ion: 43 Resp: 1410
Ion Ratio Lower Upper
43 100
58 31.8 23.0 34.6

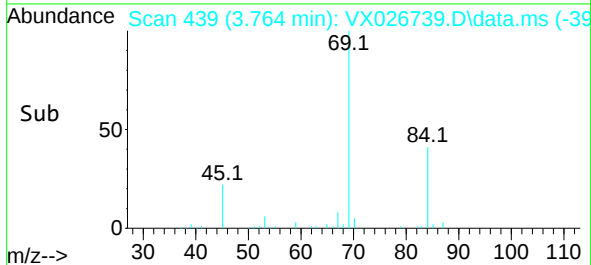
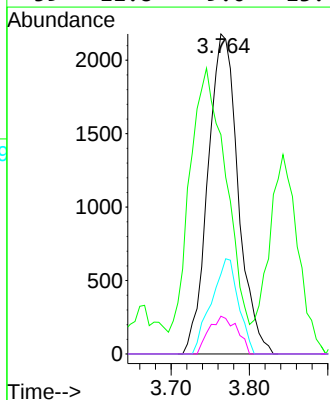
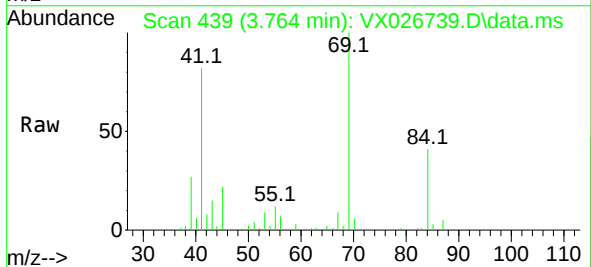
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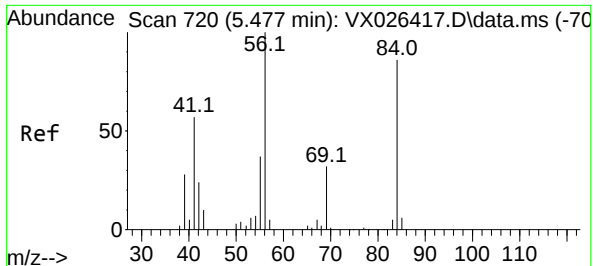
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#22
Diisopropyl ether
Concen: 1.227 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX026739.D
Acq: 02 Feb 2022 16:10

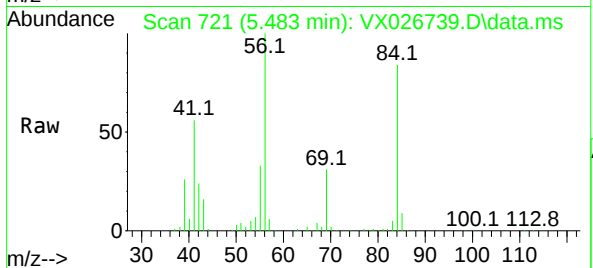
Tgt Ion: 45 Resp: 5841
Ion Ratio Lower Upper
45 100
43 52.5 60.6 91.0#
87 25.0 22.0 33.0
59 11.8 9.0 13.4





#31
Cyclohexane
Concen: 36.980 ug/l
RT: 5.483 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026739.D
Acq: 02 Feb 2022 16:10

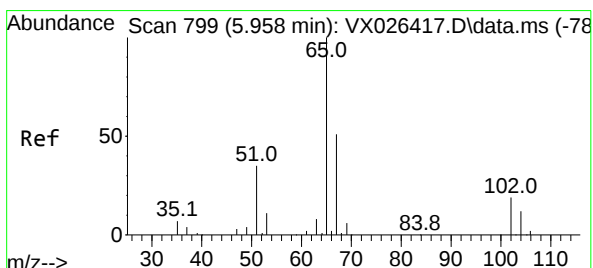
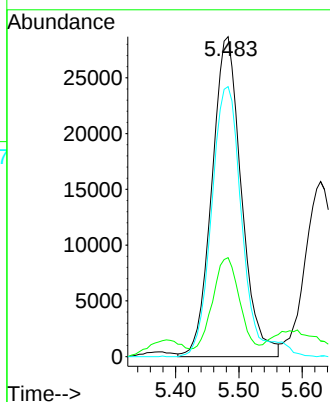
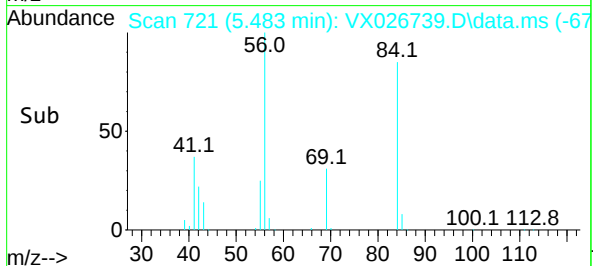
Instrument :
MSVOA_X
ClientSampleId :
INF0222



Tgt Ion: 56 Resp: 9300
Ion Ratio Lower Upper
56 100
69 27.3 25.8 38.6
84 85.1 68.9 103.3

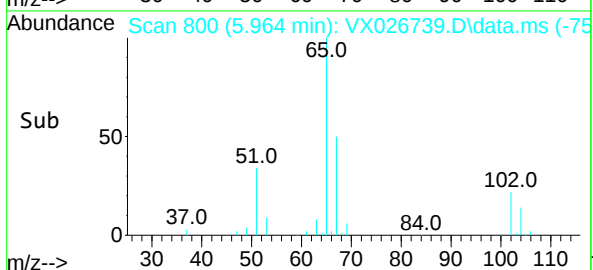
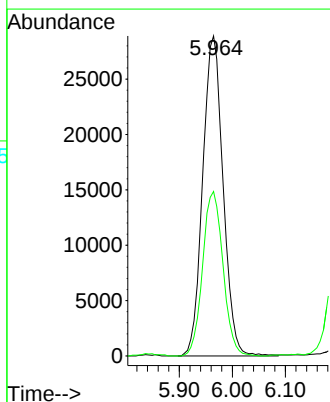
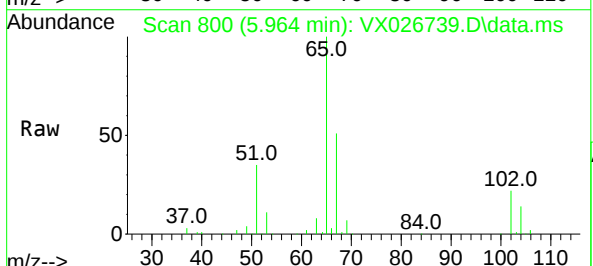
Manual Integrations
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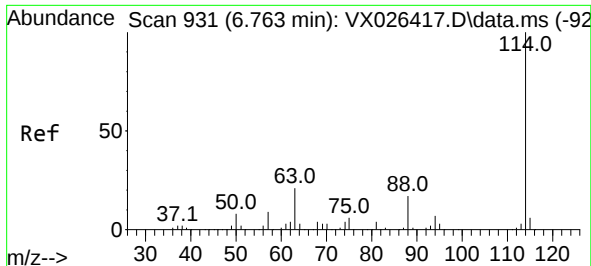
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#33
1,2-Dichloroethane-d4
Concen: 45.250 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX026739.D
Acq: 02 Feb 2022 16:10

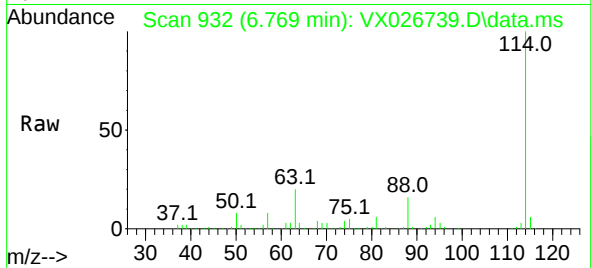
Tgt Ion: 65 Resp: 77160
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX026739.D
Acq: 02 Feb 2022 16:10

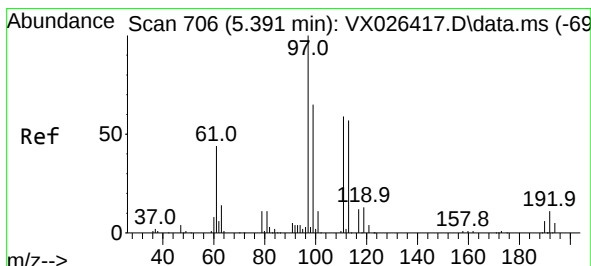
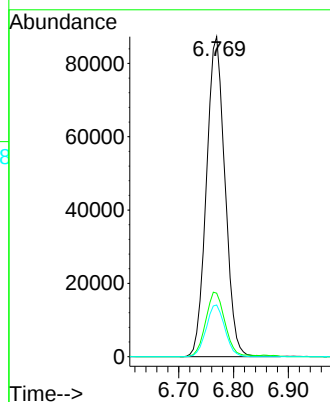
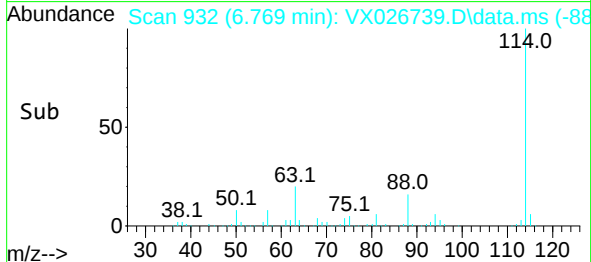
Instrument :
MSVOA_X
ClientSampleId :
INF0222



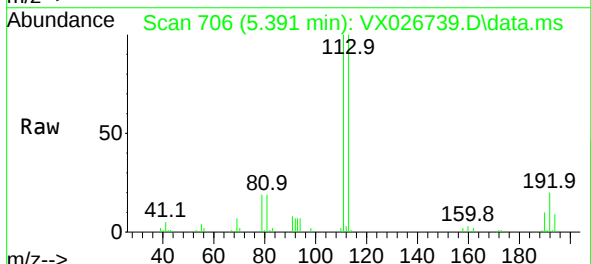
Tgt Ion:114 Resp: 204228
Ion Ratio Lower Upper
114 100
63 19.9 0.0 42.8
88 16.1 0.0 33.0

Manual Integrations
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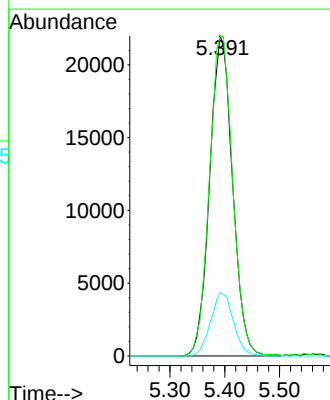
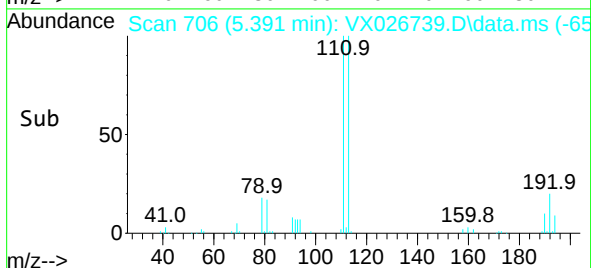
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

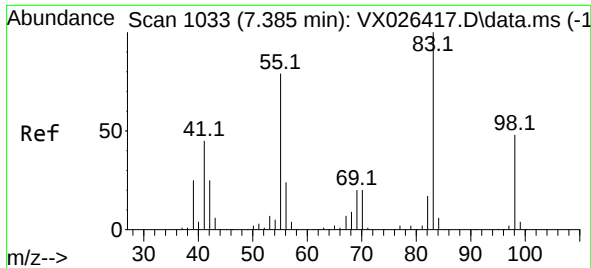


#35
Dibromofluoromethane
Concen: 48.234 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026739.D
Acq: 02 Feb 2022 16:10



Tgt Ion:113 Resp: 63613
Ion Ratio Lower Upper
113 100
111 101.8 81.2 121.8
192 19.7 15.0 22.4





#39

Methylcyclohexane

Concen: 17.325 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX026739.D

Acq: 02 Feb 2022 16:10

Instrument :

MSVOA_X

ClientSampleId :

INF0222

Tgt Ion: 83 Resp: 4350

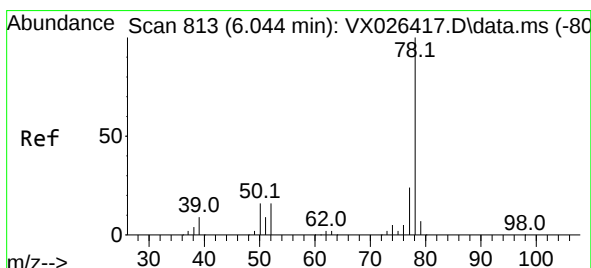
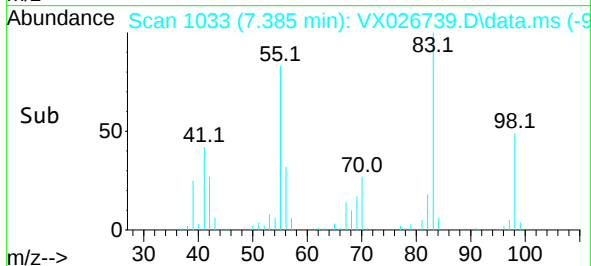
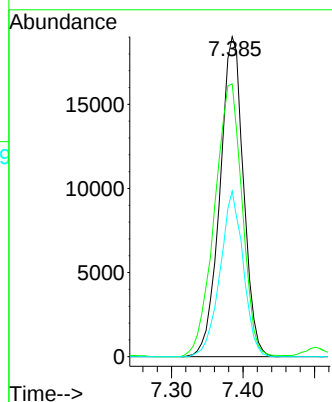
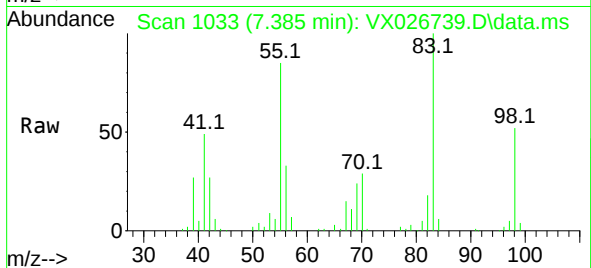
Ion	Ratio	Lower	Upper
83	100		
55	85.2	63.6	95.4
98	51.7	38.4	57.6

Manual Integrations

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Supervised By :Mahesh Dadoda 02/04/2022



#40

Benzene

Concen: 234.755 ug/l

RT: 6.044 min Scan# 813

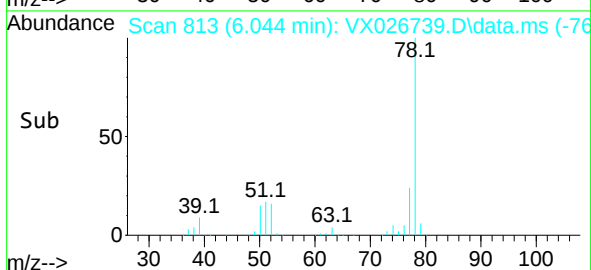
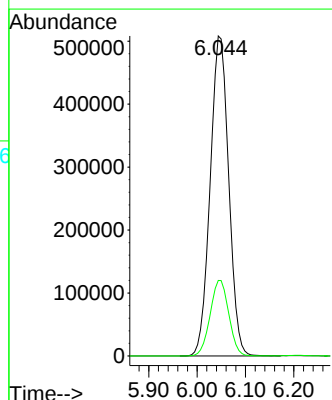
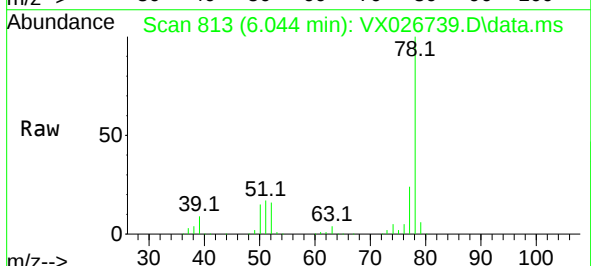
Delta R.T. 0.000 min

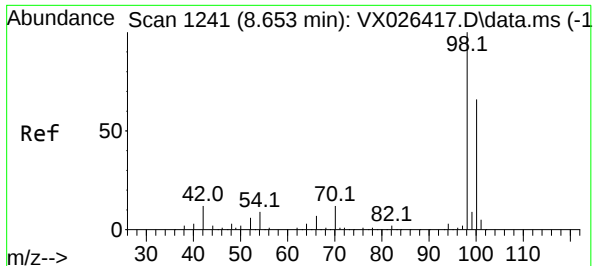
Lab File: VX026739.D

Acq: 02 Feb 2022 16:10

Tgt Ion: 78 Resp: 1350921

Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.9	28.3





#50

Toluene-d8

Concen: 49.243 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX026739.D

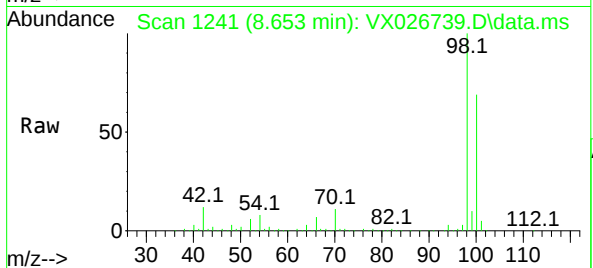
Acq: 02 Feb 2022 16:10

Instrument :

MSVOA_X

ClientSampleId :

INF0222



Tgt Ion: 98 Resp: 234030

Ion Ratio Lower Upper

98 100

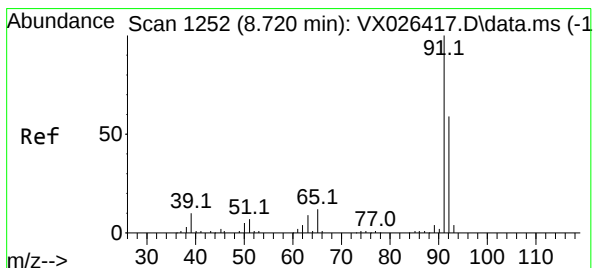
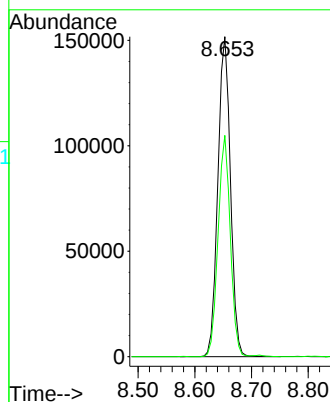
100 67.2 53.2 79.8

Manual Integrations

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Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#52

Toluene

Concen: 50.225 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX026739.D

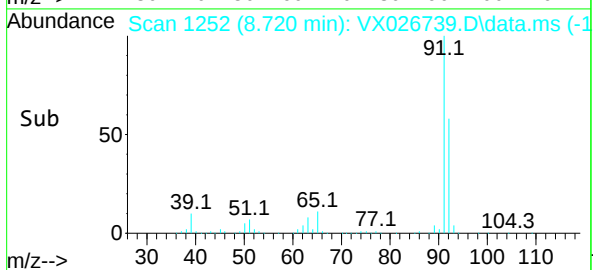
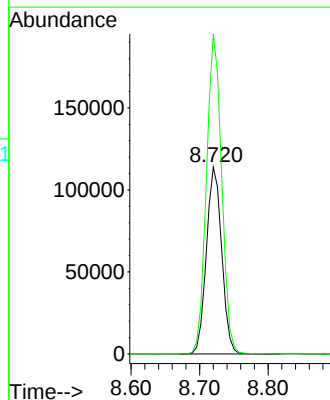
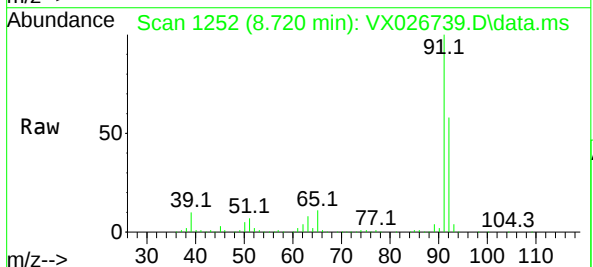
Acq: 02 Feb 2022 16:10

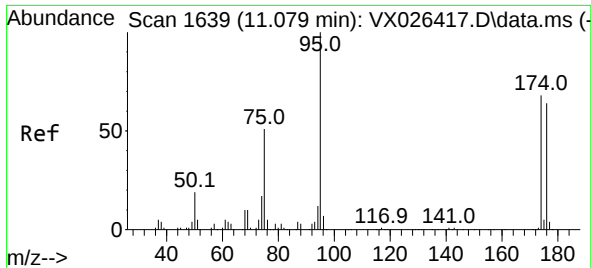
Tgt Ion: 92 Resp: 177238

Ion Ratio Lower Upper

92 100

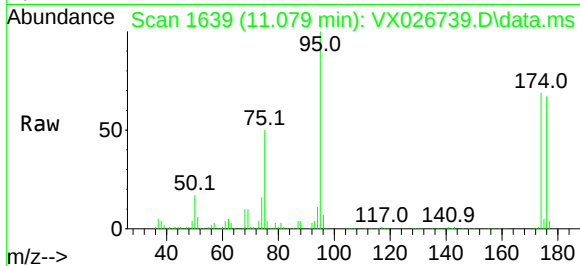
91 169.7 135.7 203.5





#62
4-Bromofluorobenzene
Concen: 49.587 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026739.D
Acq: 02 Feb 2022 16:10

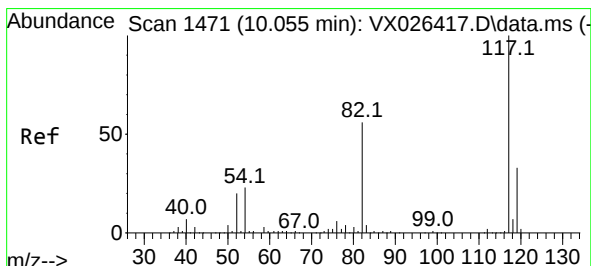
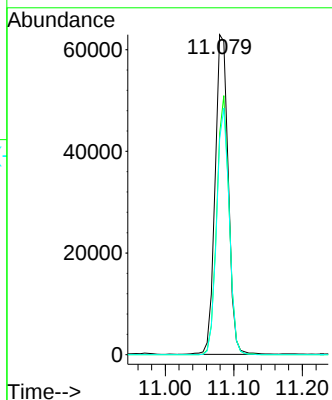
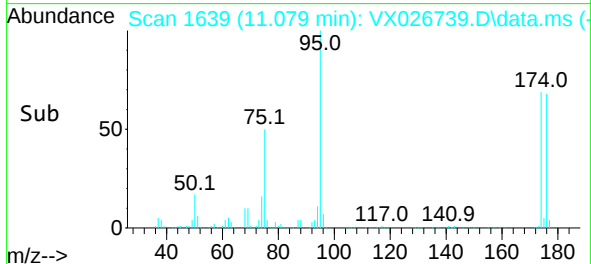
Instrument :
MSVOA_X
ClientSampleId :
INF0222



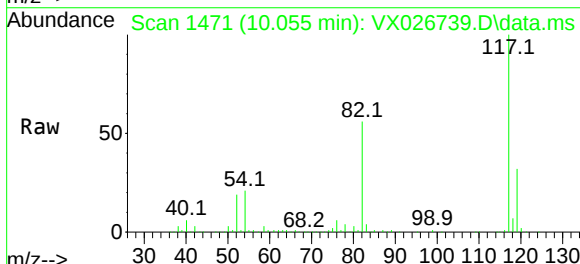
Tgt Ion: 95 Resp: 83710
Ion Ratio Lower Upper
95 100
174 75.5 0.0 148.6
176 73.2 0.0 141.4

Manual Integrations
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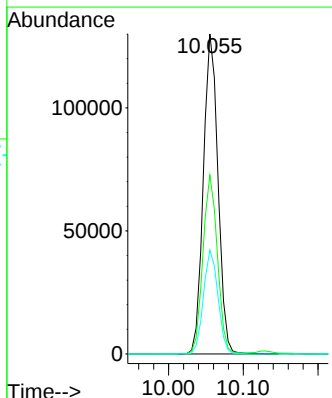
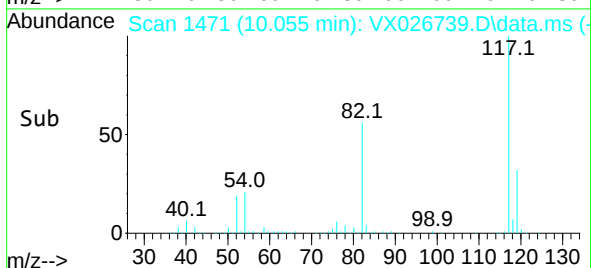
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

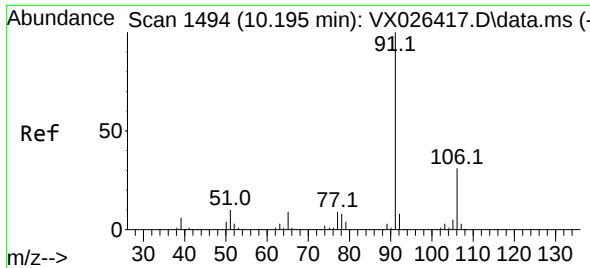


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026739.D
Acq: 02 Feb 2022 16:10



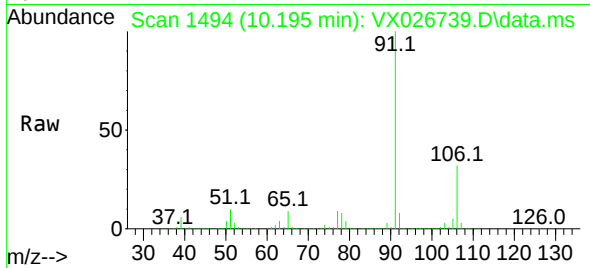
Tgt Ion:117 Resp: 176422
Ion Ratio Lower Upper
117 100
82 55.8 45.2 67.8
119 32.4 26.2 39.2





#67
Ethyl Benzene
Concen: 153.088 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX026739.D
Acq: 02 Feb 2022 16:10

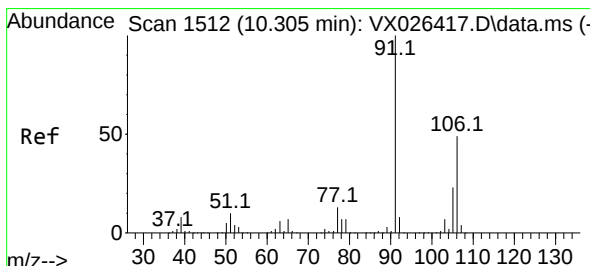
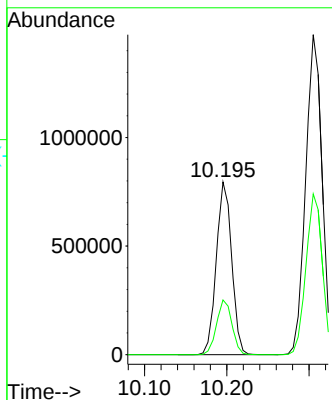
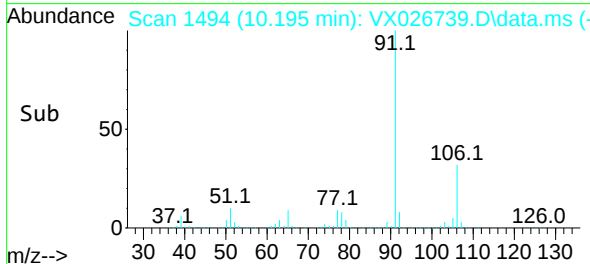
Instrument :
MSVOA_X
ClientSampleId :
INF0222



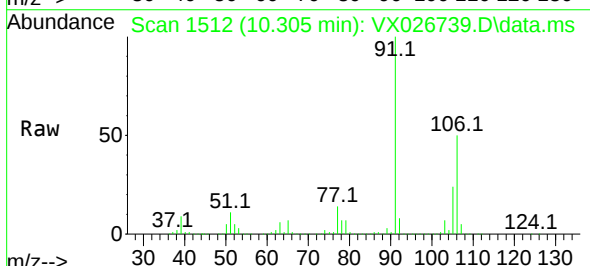
Tgt Ion: 91 Resp: 1033549
Ion Ratio Lower Upper
91 100
106 31.7 24.7 37.1

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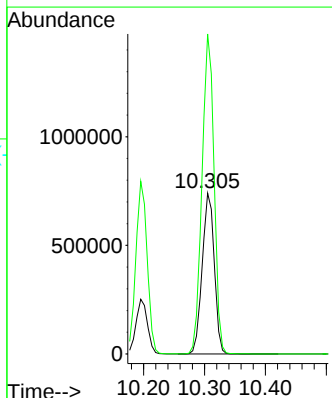
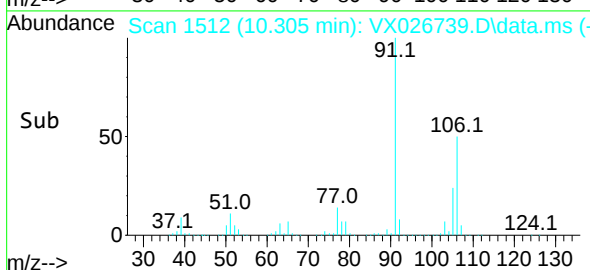
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

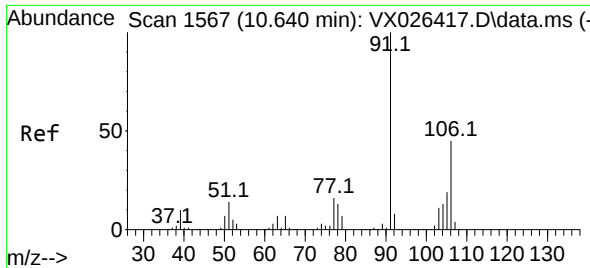


#68
m/p-Xylenes
Concen: 403.964 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX026739.D
Acq: 02 Feb 2022 16:10



Tgt Ion:106 Resp: 1020639
Ion Ratio Lower Upper
106 100
91 198.7 165.3 247.9





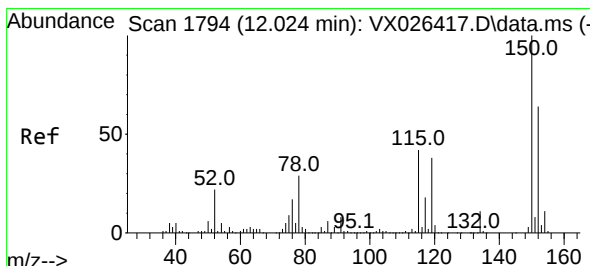
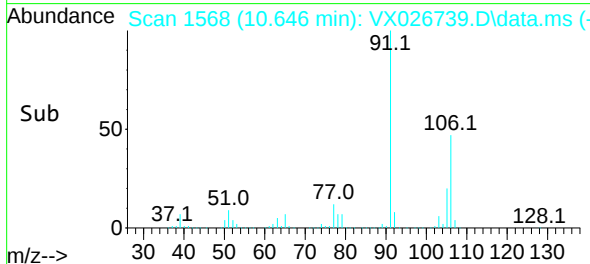
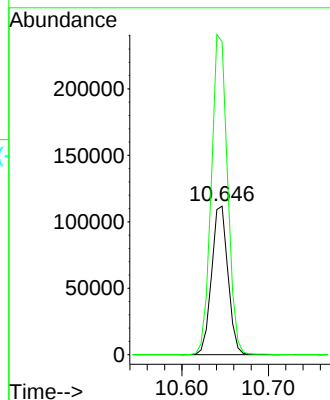
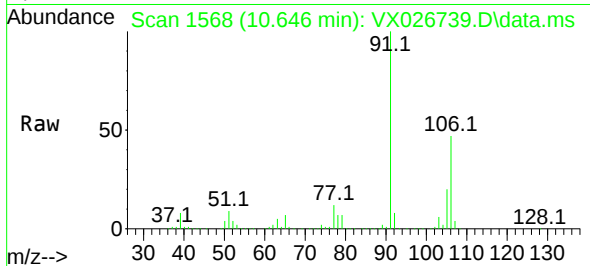
#69
o-Xylene
Concen: 60.066 ug/l
RT: 10.646 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX026739.D
Acq: 02 Feb 2022 16:10

Instrument :
MSVOA_X
ClientSampleId :
INF0222

Tgt Ion:106 Resp: 146439
Ion Ratio Lower Upper
106 100
91 214.4 109.7 329.0

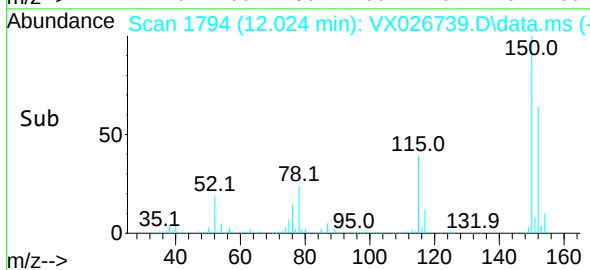
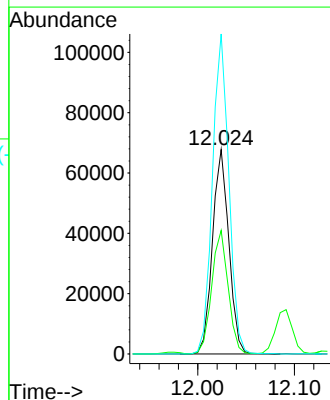
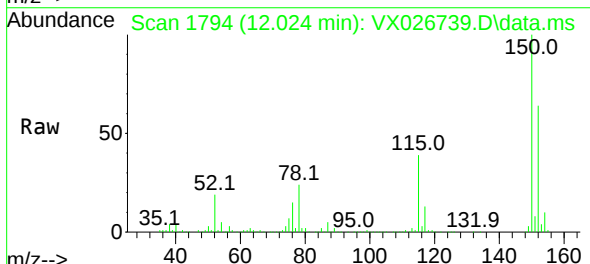
Manual Integrations
APPROVED

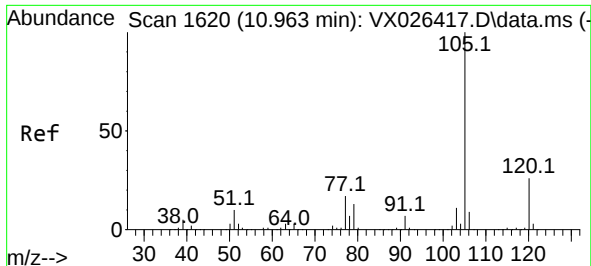
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026739.D
Acq: 02 Feb 2022 16:10

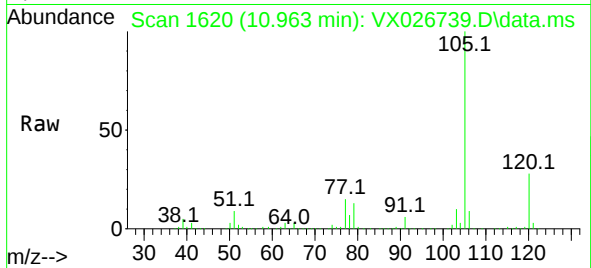
Tgt Ion:152 Resp: 79604
Ion Ratio Lower Upper
152 100
115 60.5 44.2 132.6
150 156.7 0.0 348.2





#73
Isopropylbenzene
Concen: 17.753 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX026739.D
Acq: 02 Feb 2022 16:10

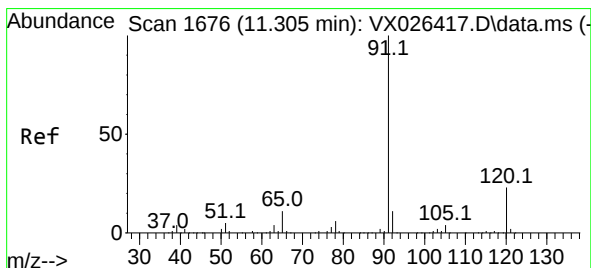
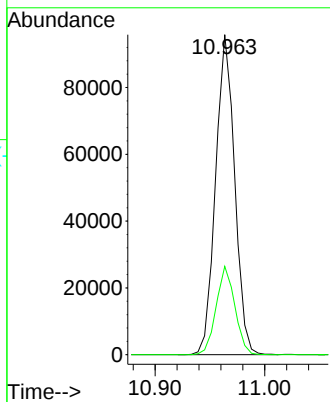
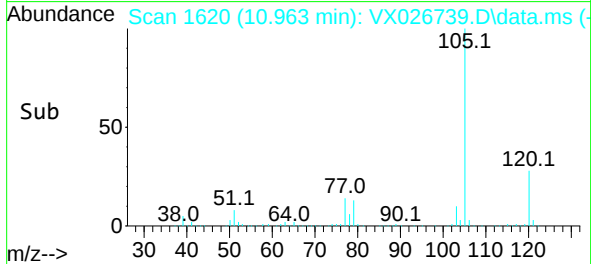
Instrument :
MSVOA_X
ClientSampleId :
INF0222



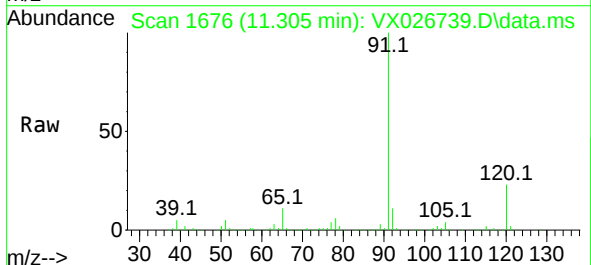
Tgt Ion:105 Resp: 115840
Ion Ratio Lower Upper
105 100
120 27.0 13.1 39.1

Manual Integrations
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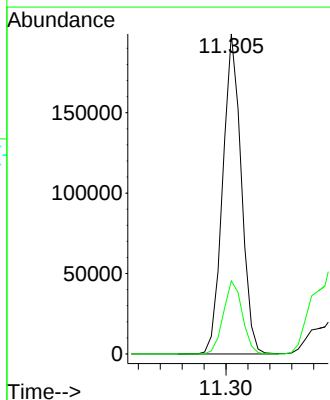
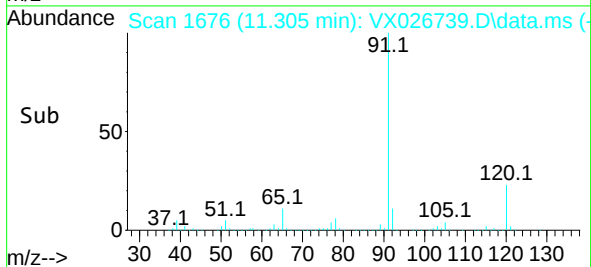
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

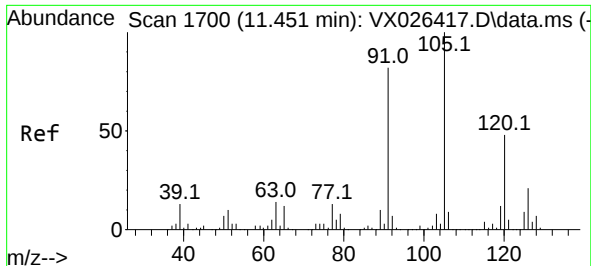


#78
n-propylbenzene
Concen: 31.370 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX026739.D
Acq: 02 Feb 2022 16:10



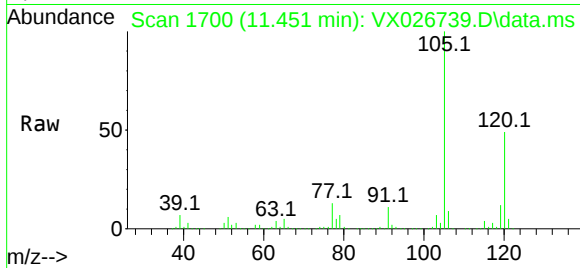
Tgt Ion: 91 Resp: 233417
Ion Ratio Lower Upper
91 100
120 23.3 11.6 34.7





#80
1,3,5-Trimethylbenzene
Concen: 32.860 ug/l
RT: 11.451 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VX026739.D
Acq: 02 Feb 2022 16:10

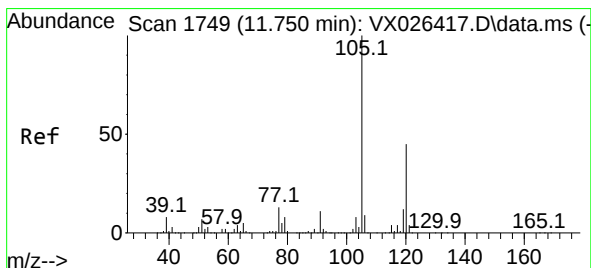
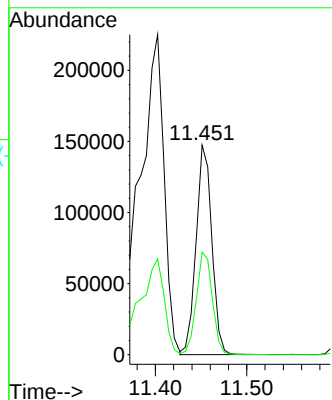
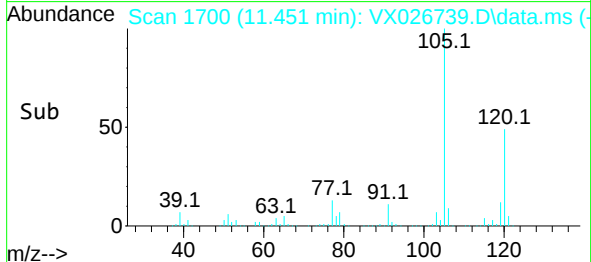
Instrument :
MSVOA_X
ClientSampleId :
INF0222



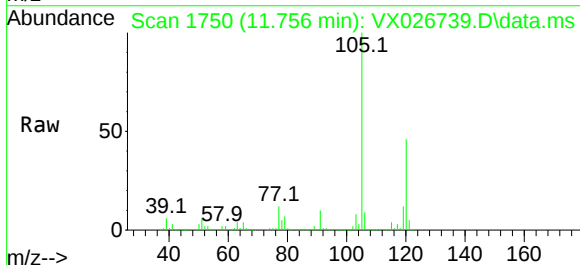
Tgt Ion:105 Resp: 17676
Ion Ratio Lower Upper
105 100
120 49.7 24.0 72.0

Manual Integrations
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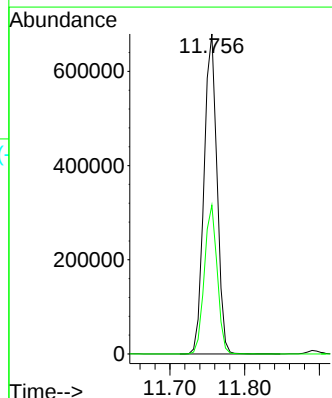
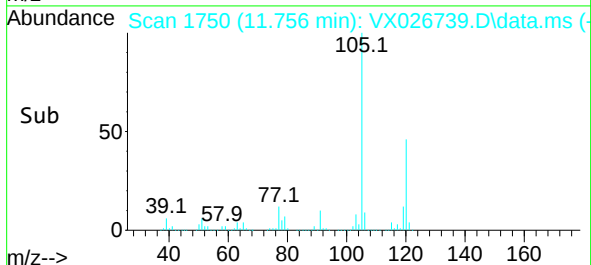
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

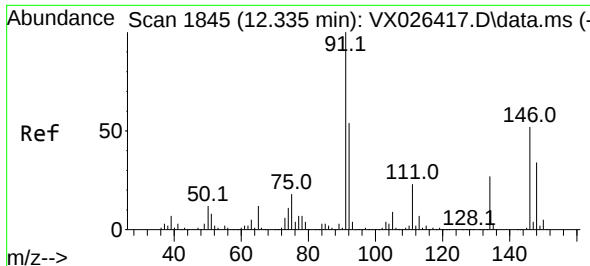


#84
1,2,4-Trimethylbenzene
Concen: 152.130 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX026739.D
Acq: 02 Feb 2022 16:10



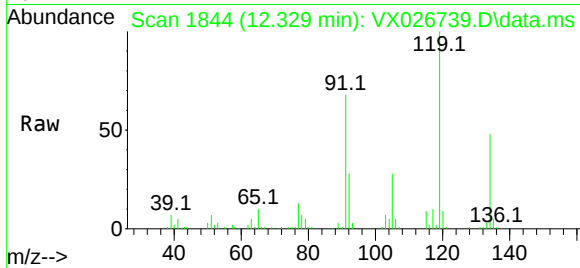
Tgt Ion:105 Resp: 818533
Ion Ratio Lower Upper
105 100
120 46.1 21.9 65.5





#89
n-Butylbenzene
Concen: 1.245 ug/l m
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX026739.D
Acq: 02 Feb 2022 16:10

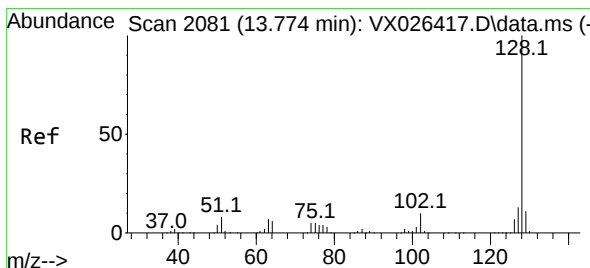
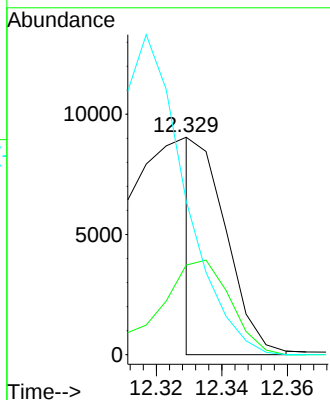
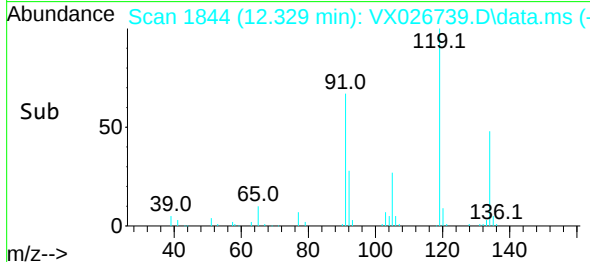
Instrument :
MSVOA_X
ClientSampleId :
INF0222



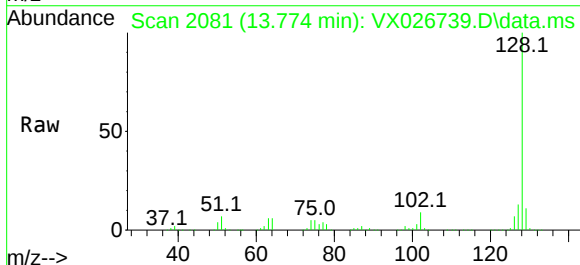
Tgt Ion: 91 Resp: 582
Ion Ratio Lower Upper
91 100
92 103.5 27.2 81.6
134 338.2 13.1 39.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#95
Naphthalene
Concen: 63.224 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX026739.D
Acq: 02 Feb 2022 16:10



Tgt Ion:128 Resp: 357999
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.2 8.7 13.1

