

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012722\
 Data File : VX026632.D
 Acq On : 27 Jan 2022 18:12
 Operator : JC/MD
 Sample : N1296-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10R

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/28/2022
 Supervised By : Mahesh Dadoda 01/28/2022

Quant Time: Jan 28 04:27:26 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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	126222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	214290	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	82756	46.934	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.860%		
35) Dibromofluoromethane	5.391	113	67751	48.959	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.920%		
50) Toluene-d8	8.653	98	250372	50.208	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.420%		
62) 4-Bromofluorobenzene	11.079	95	87928	49.636	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.280%		
Target Compounds					Qvalue	
16) Acetone	2.386	43	3564m	3.964	ug/l	
30) Chloroform	5.105	83	4108	1.487	ug/l	90
31) Cyclohexane	5.477	56	24766	9.523	ug/l	94
39) Methylcyclohexane	7.385	83	21433	8.134	ug/l	100
40) Benzene	6.044	78	35279	5.843	ug/l	100
52) Toluene	8.720	92	69366	18.734	ug/l	98
67) Ethyl Benzene	10.195	91	594359	83.323	ug/l	99
68) m/p-Xylenes	10.305	106	260419	97.556	ug/l	98
69) o-Xylene	10.640	106	65371	25.379	ug/l	100
73) Isopropylbenzene	10.963	105	97133	14.774	ug/l	99
78) n-propylbenzene	11.305	91	169006	22.542	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	140232	25.872	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	527056	97.219	ug/l	98
86) p-Isopropyltoluene	12.012	119	5499m	1.001	ug/l	
89) n-Butylbenzene	12.335	91	24865	5.277	ug/l #	38
95) Naphthalene	13.774	128	396777	69.544	ug/l	100

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

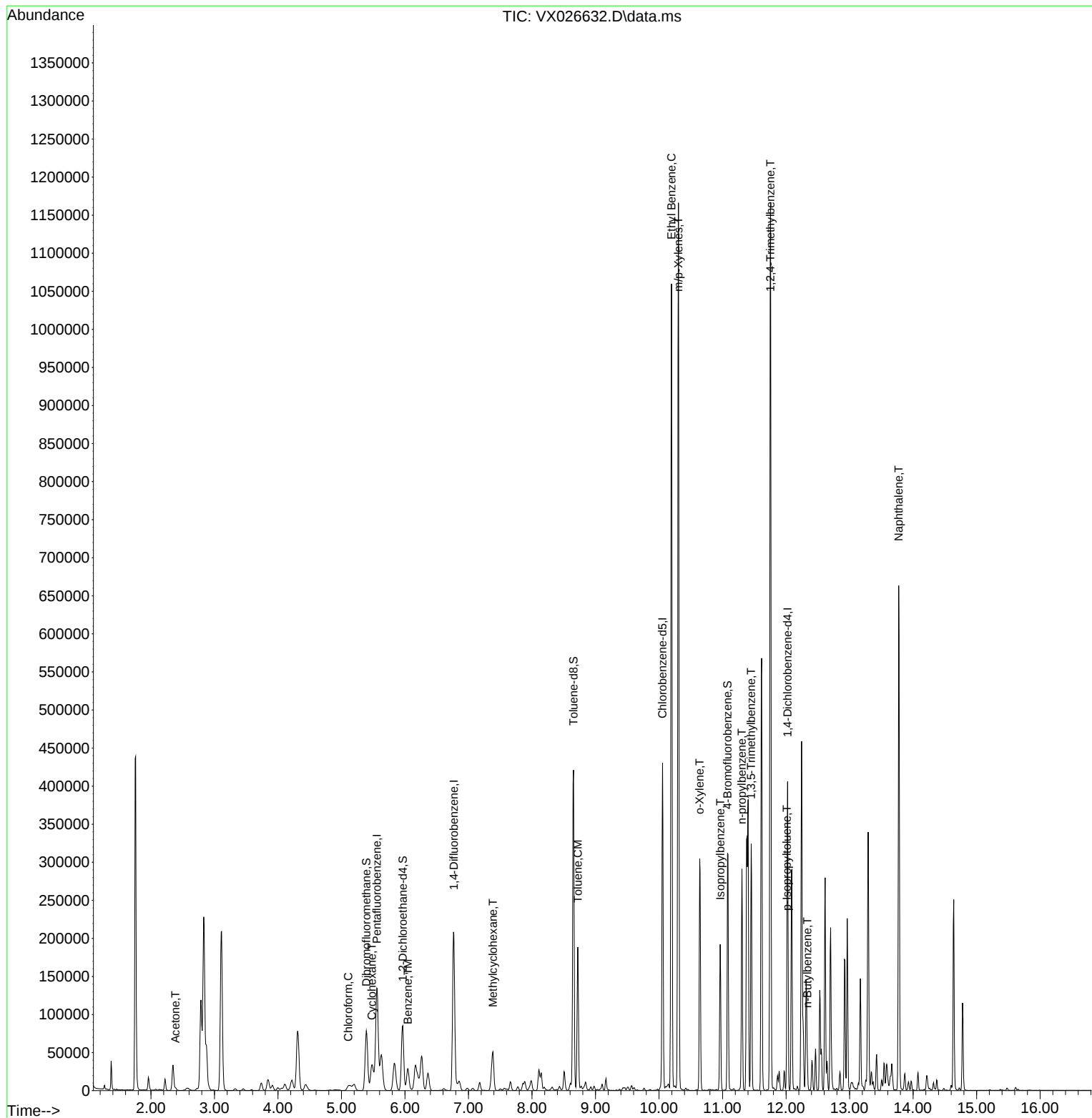
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012722\
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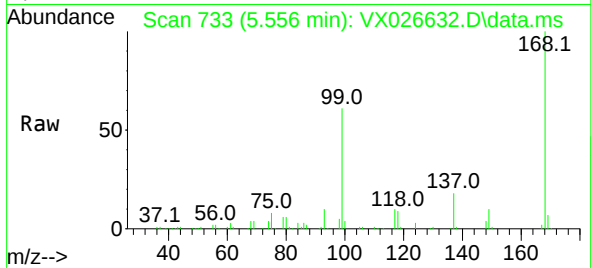
Reviewed By : John Carlone 01/28/2022
Supervised By : Mahesh Dadoda 01/28/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026632.D
Acq: 27 Jan 2022 18:12

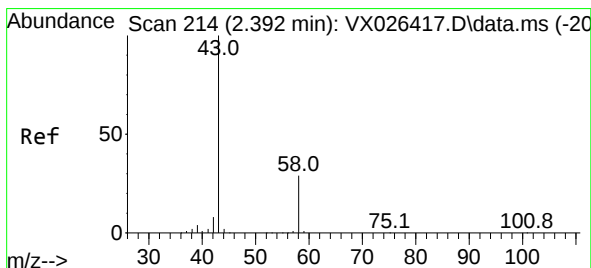
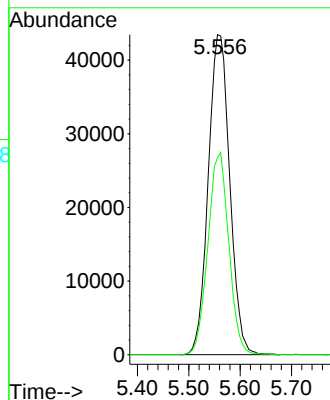
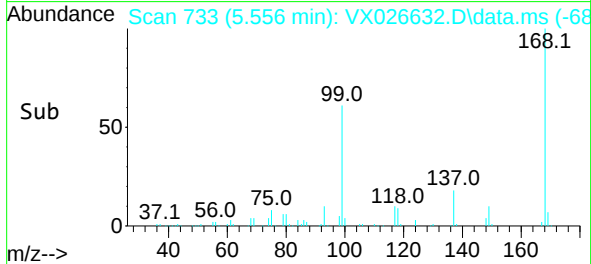
Instrument :
MSVOA_X
ClientSampleId :
MW-10R



Tgt Ion:168 Resp: 12622
Ion Ratio Lower Upper
168 100
99 61.5 50.3 75.5

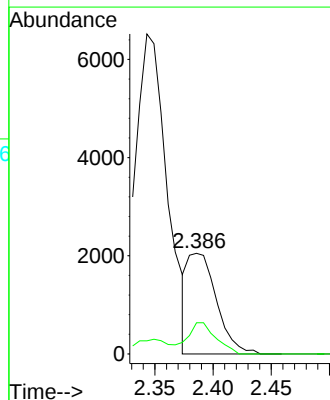
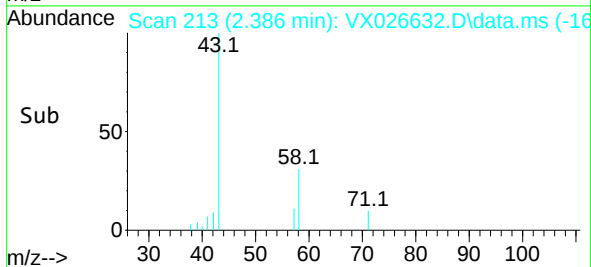
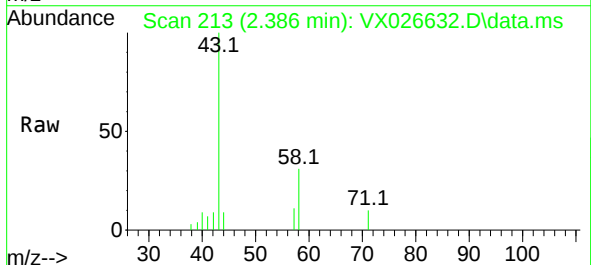
Manual Integrations
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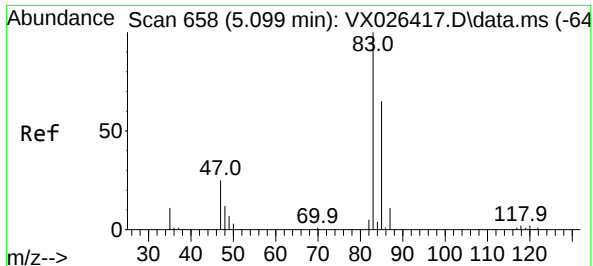
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#16
Acetone
Concen: 3.964 ug/l m
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX026632.D
Acq: 27 Jan 2022 18:12

Tgt Ion: 43 Resp: 3564
Ion Ratio Lower Upper
43 100
58 31.0 23.0 34.6





#30

Chloroform

Concen: 1.487 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX026632.D

Acq: 27 Jan 2022 18:12

Instrument :

MSVOA_X

ClientSampleId :

MW-10R

Tgt Ion: 83 Resp: 4108

Ion Ratio Lower Upper

83 100

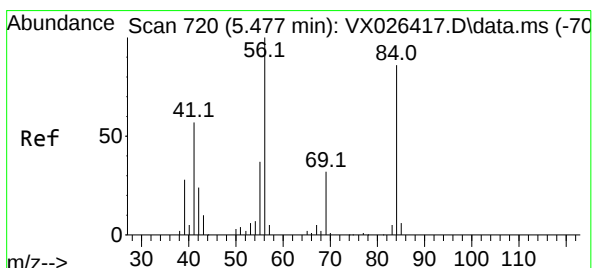
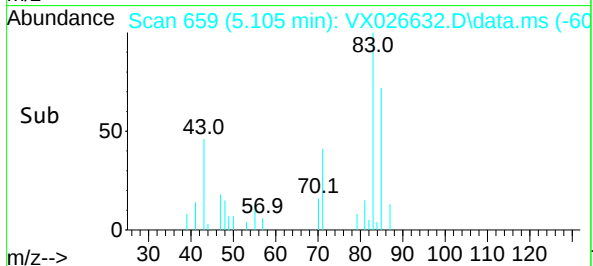
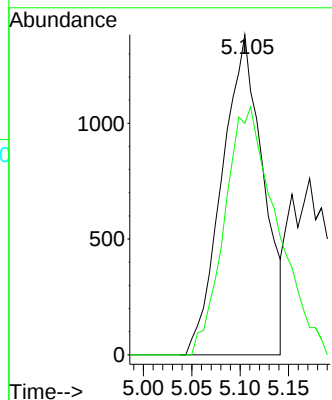
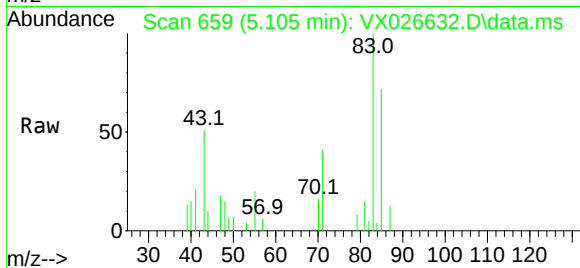
85 72.3 51.6 77.4

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#31

Cyclohexane

Concen: 9.523 ug/l

RT: 5.477 min Scan# 720

Delta R.T. 0.000 min

Lab File: VX026632.D

Acq: 27 Jan 2022 18:12

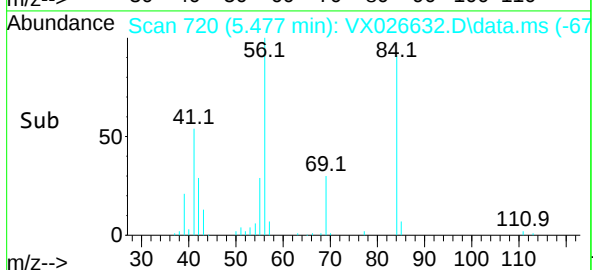
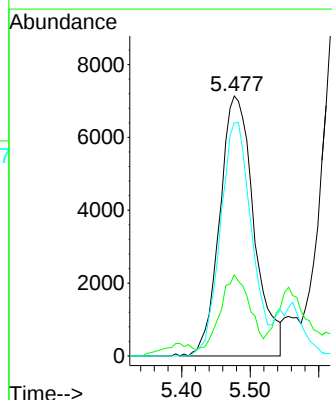
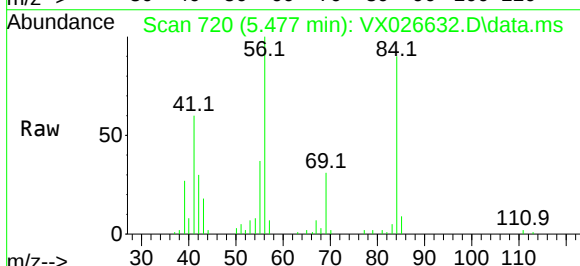
Tgt Ion: 56 Resp: 24766

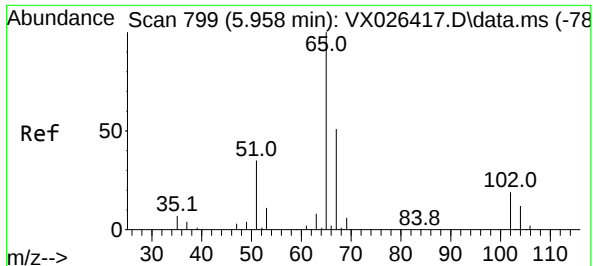
Ion Ratio Lower Upper

56 100

69 26.4 25.8 38.6

84 89.6 68.9 103.3





#33

1,2-Dichloroethane-d4

Concen: 46.934 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX026632.D

Acq: 27 Jan 2022 18:12

Instrument :

MSVOA_X

ClientSampleId :

MW-10R

Tgt Ion: 65 Resp: 82750

Ion Ratio Lower Upper

65 100

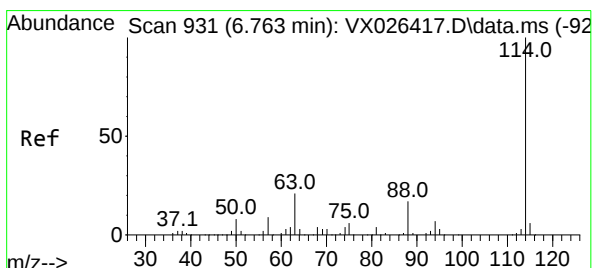
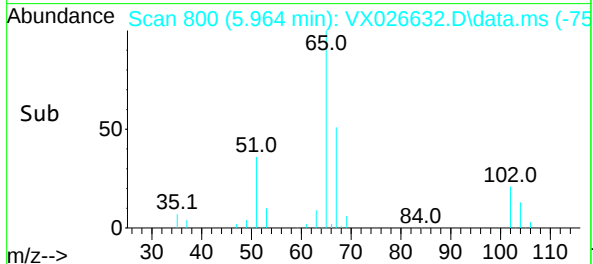
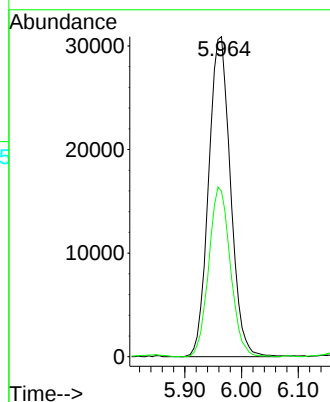
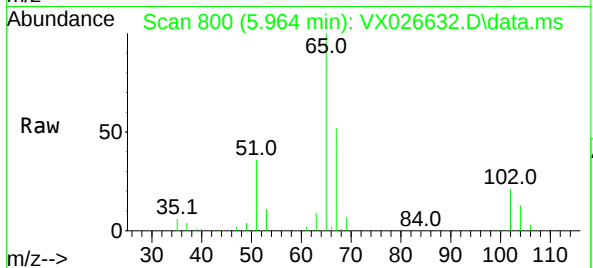
67 52.3 0.0 100.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX026632.D

Acq: 27 Jan 2022 18:12

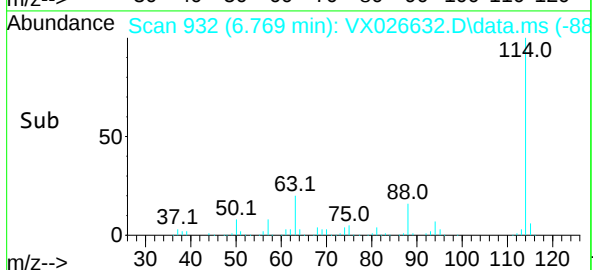
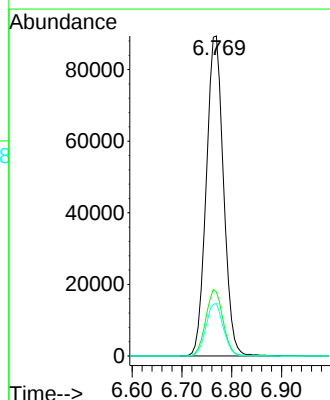
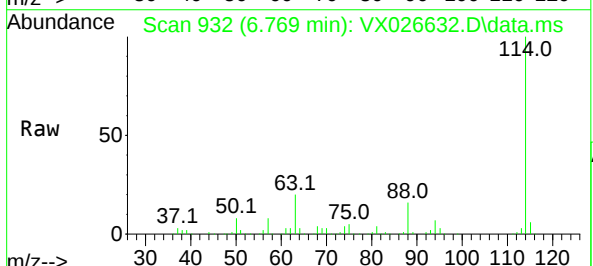
Tgt Ion:114 Resp: 214290

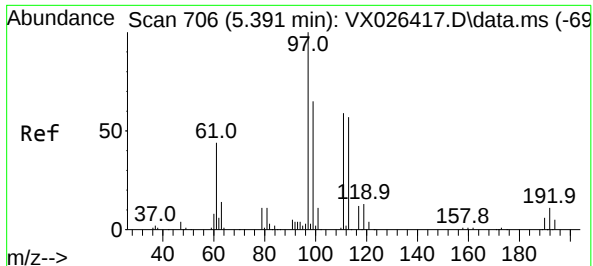
Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.8

88 16.4 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.959 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026632.D

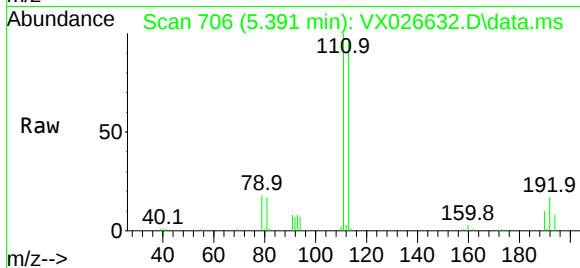
Acq: 27 Jan 2022 18:12

Instrument :

MSVOA_X

ClientSampleId :

MW-10R



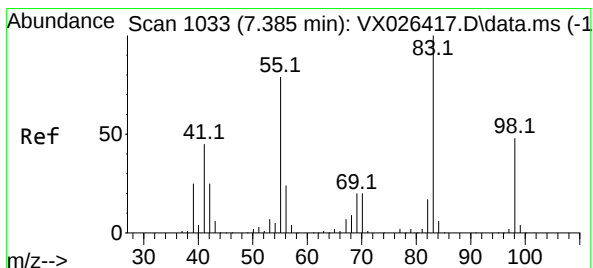
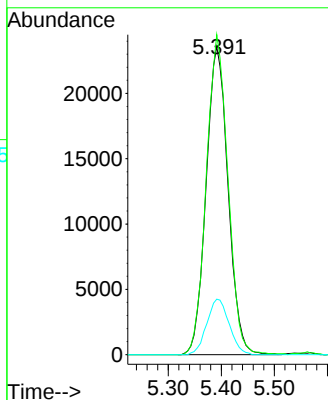
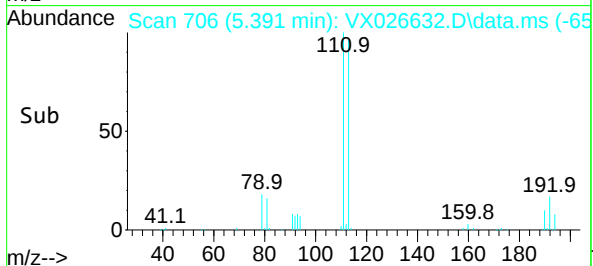
Tgt Ion:	113	Resp:	6775
Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.2	121.8
192	18.4	15.0	22.4

Manual Integrations

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Supervised By :Mahesh Dadoda 01/28/2022



#39

Methylcyclohexane

Concen: 8.134 ug/l

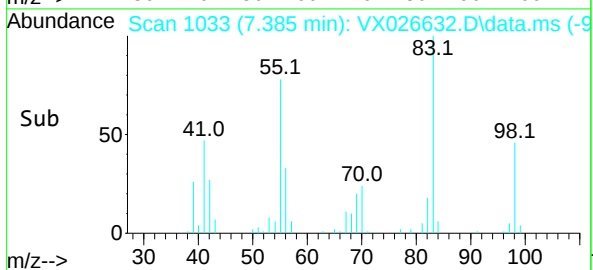
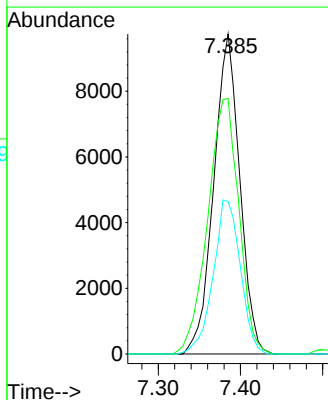
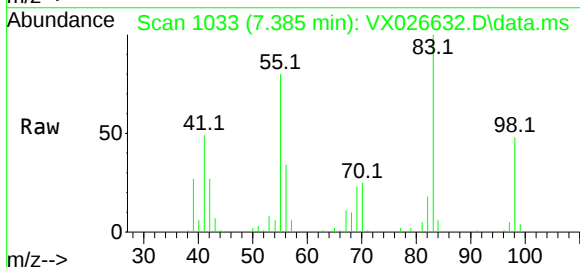
RT: 7.385 min Scan# 1033

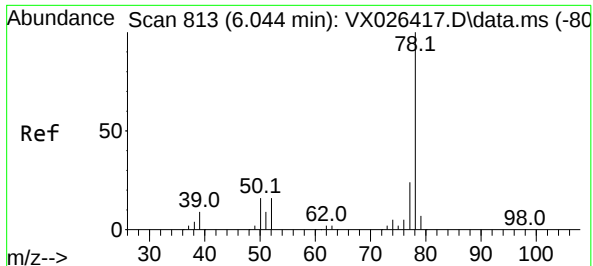
Delta R.T. 0.000 min

Lab File: VX026632.D

Acq: 27 Jan 2022 18:12

Tgt Ion:	83	Resp:	21433
Ion	Ratio	Lower	Upper
83	100		
55	79.9	63.6	95.4
98	47.6	38.4	57.6





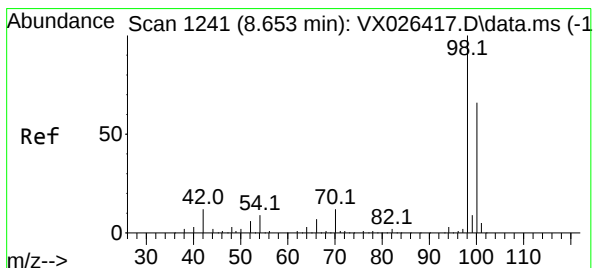
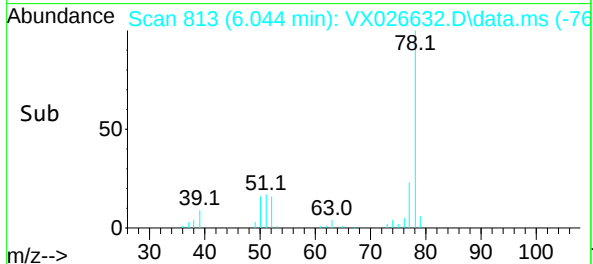
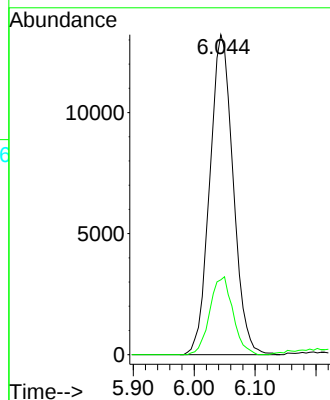
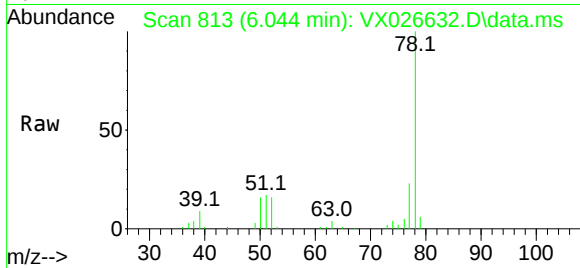
#40
Benzene
Concen: 5.843 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX026632.D
Acq: 27 Jan 2022 18:12

Instrument :
MSVOA_X
ClientSampleId :
MW-10R

Tgt Ion: 78 Resp: 35279
Ion Ratio Lower Upper
78 100
77 23.4 18.9 28.3

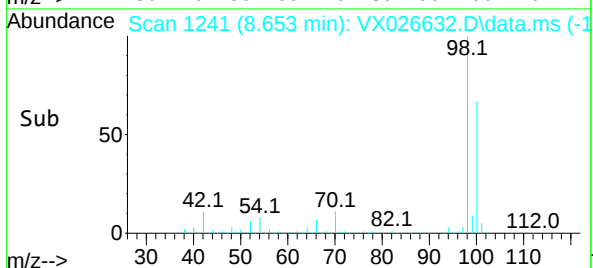
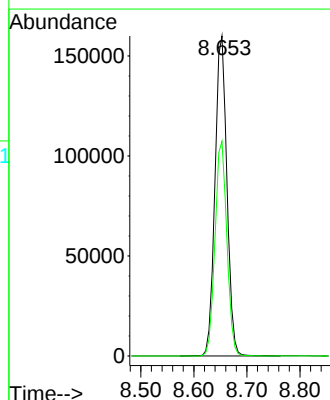
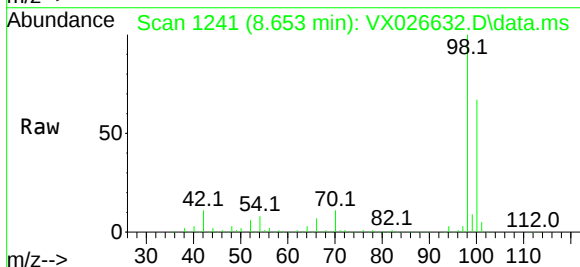
Manual Integrations
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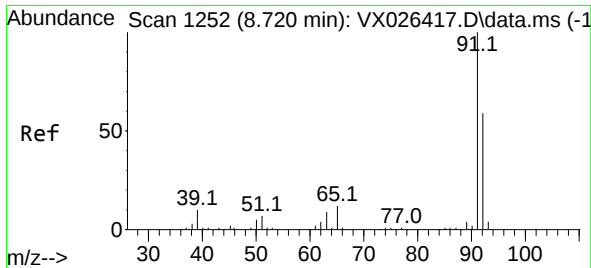
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#50
Toluene-d8
Concen: 50.208 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026632.D
Acq: 27 Jan 2022 18:12

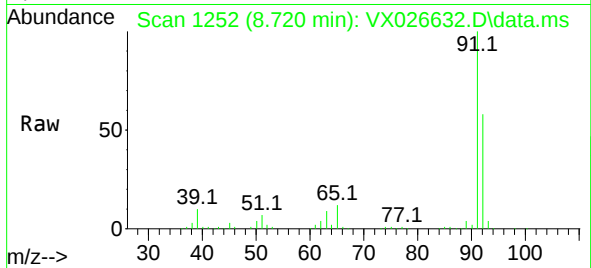
Tgt Ion: 98 Resp: 250372
Ion Ratio Lower Upper
98 100
100 66.8 53.2 79.8





#52
Toluene
Concen: 18.734 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX026632.D
Acq: 27 Jan 2022 18:12

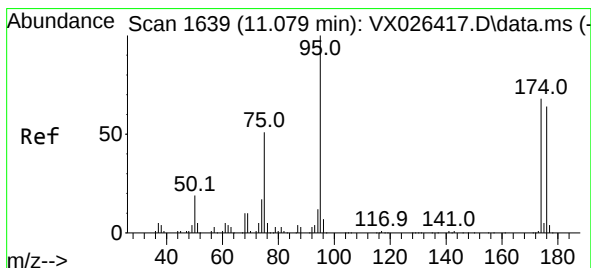
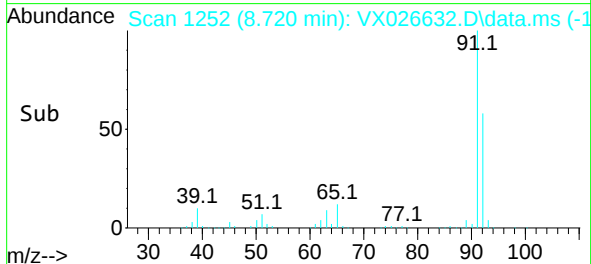
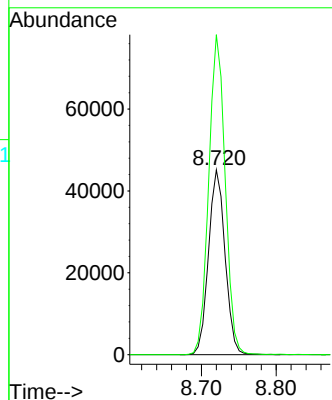
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MW-10R



Tgt Ion: 92 Resp: 69360
Ion Ratio Lower Upper
92 100
91 172.0 135.7 203.5

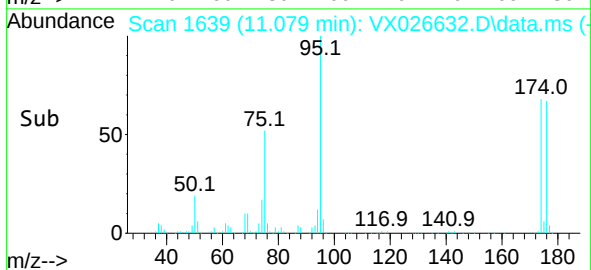
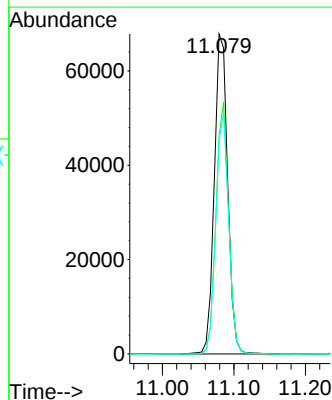
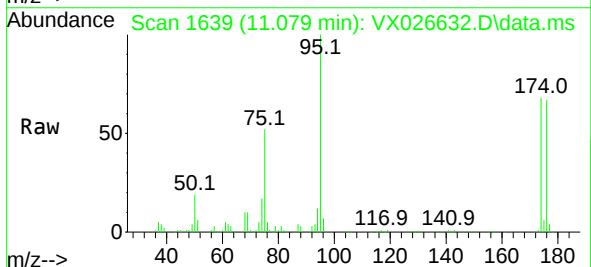
Manual Integrations
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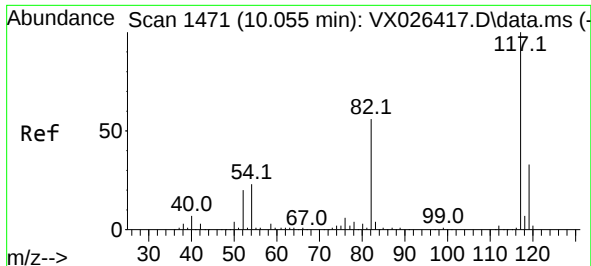
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#62
4-Bromofluorobenzene
Concen: 49.636 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026632.D
Acq: 27 Jan 2022 18:12

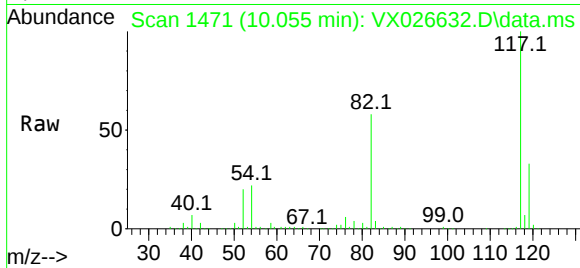
Tgt Ion: 95 Resp: 87928
Ion Ratio Lower Upper
95 100
174 74.9 0.0 148.6
176 72.6 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026632.D
Acq: 27 Jan 2022 18:12

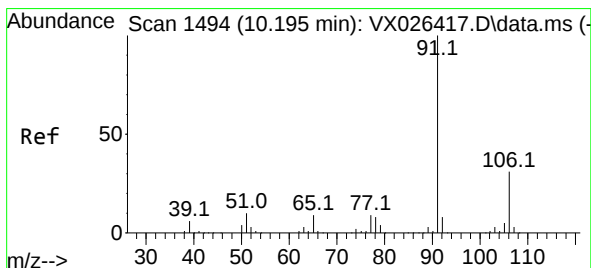
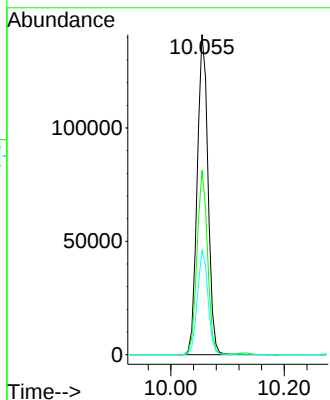
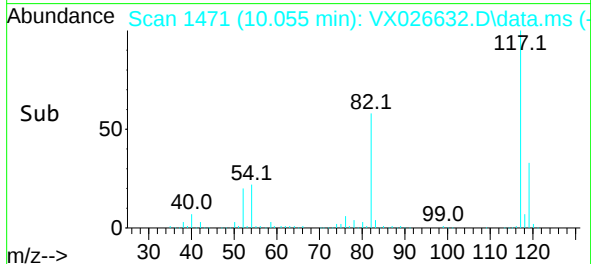
Instrument :
MSVOA_X
ClientSampleId :
MW-10R



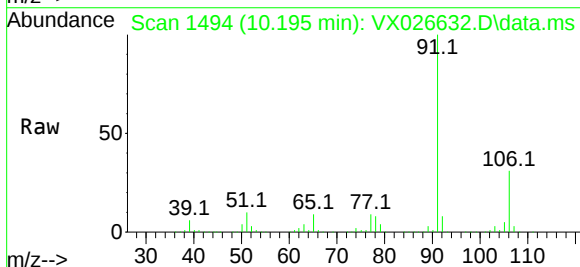
Tgt Ion: 117 Resp: 186399
Ion Ratio Lower Upper
117 100
82 57.6 45.2 67.8
119 32.6 26.2 39.2

Manual Integrations
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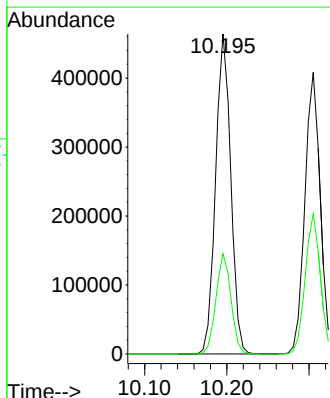
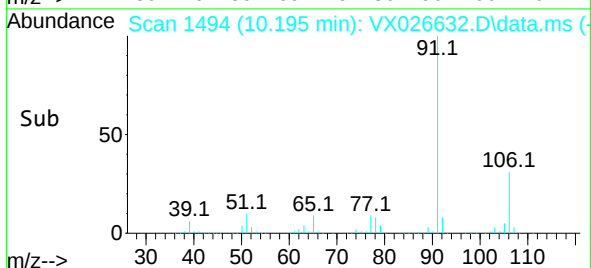
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

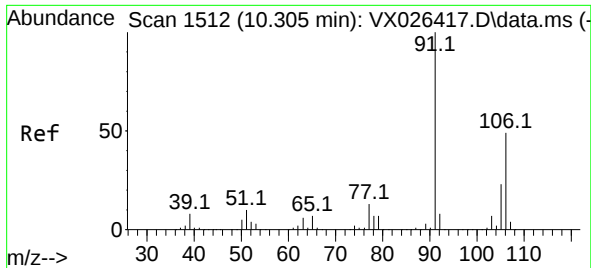


#67
Ethyl Benzene
Concen: 83.323 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX026632.D
Acq: 27 Jan 2022 18:12



Tgt Ion: 91 Resp: 594359
Ion Ratio Lower Upper
91 100
106 31.4 24.7 37.1





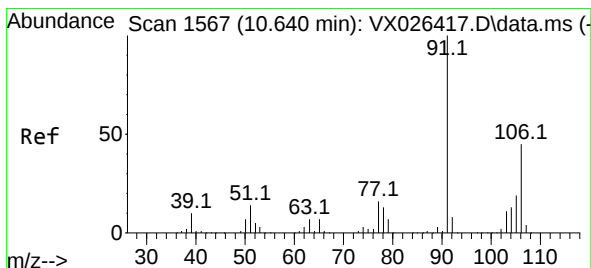
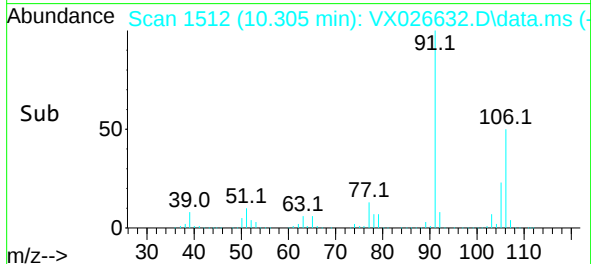
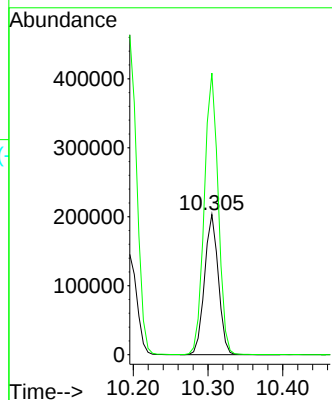
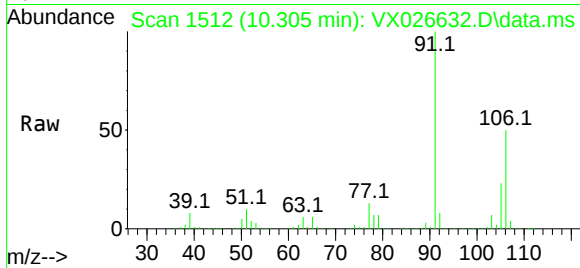
#68
m/p-Xylenes
Concen: 97.556 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX026632.D
Acq: 27 Jan 2022 18:12

Instrument :
MSVOA_X
ClientSampleId :
MW-10R

Tgt Ion:106 Resp: 260419
Ion Ratio Lower Upper
106 100
91 202.9 165.3 247.9

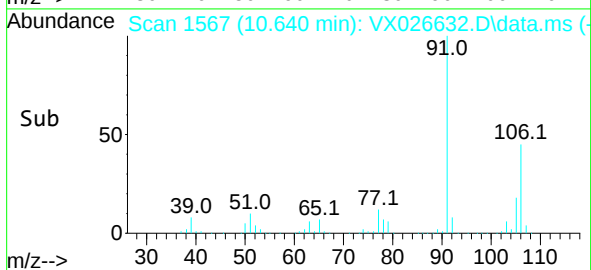
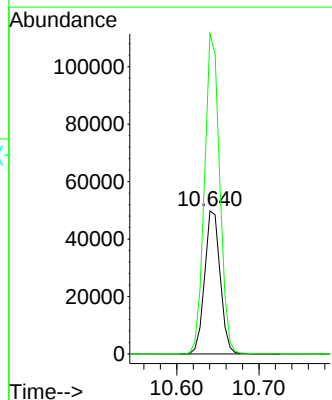
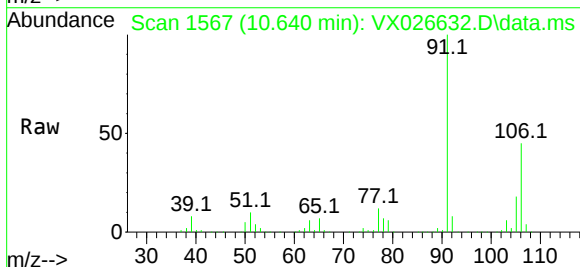
Manual Integrations
APPROVED

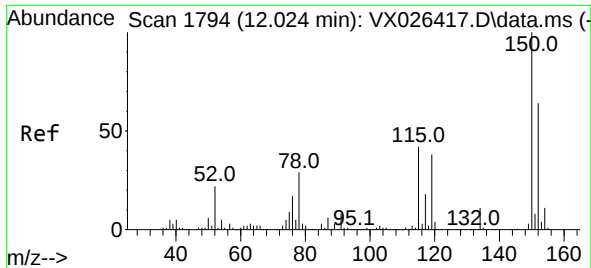
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#69
o-Xylene
Concen: 25.379 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX026632.D
Acq: 27 Jan 2022 18:12

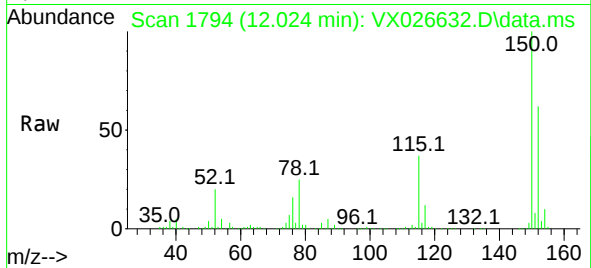
Tgt Ion:106 Resp: 65371
Ion Ratio Lower Upper
106 100
91 219.9 109.7 329.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026632.D
Acq: 27 Jan 2022 18:12

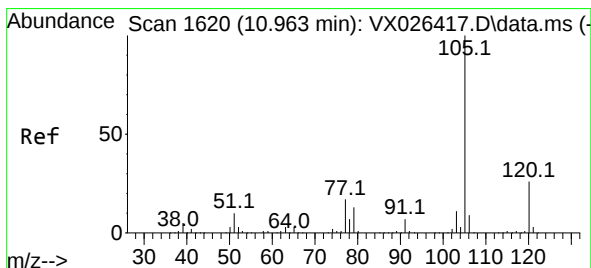
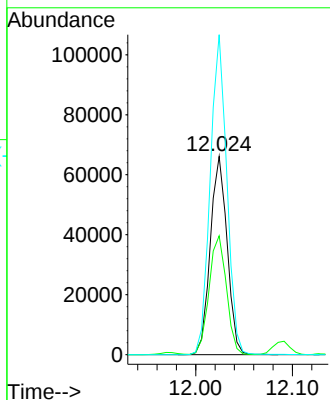
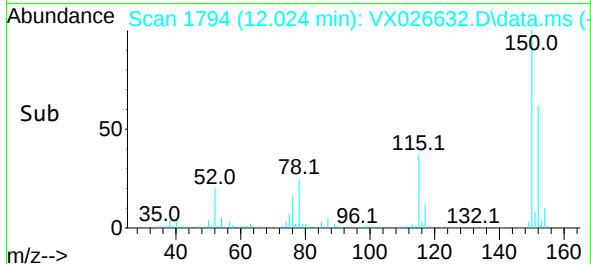
Instrument :
MSVOA_X
ClientSampleId :
MW-10R



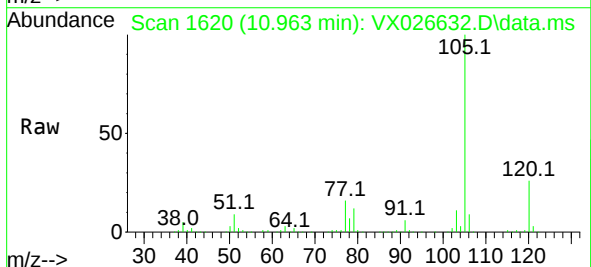
Tgt Ion:152 Resp: 80208
Ion Ratio Lower Upper
152 100
115 61.5 44.2 132.6
150 159.1 0.0 348.2

Manual Integrations
APPROVED

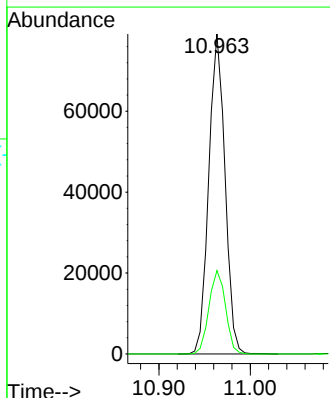
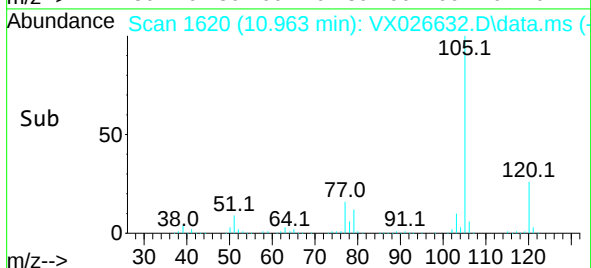
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

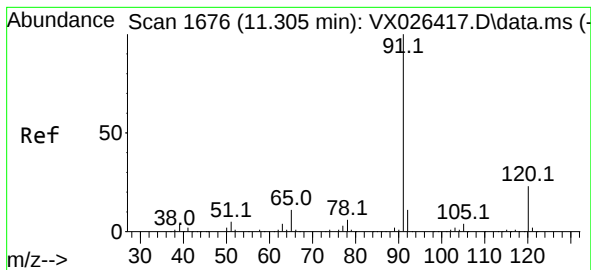


#73
Isopropylbenzene
Concen: 14.774 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX026632.D
Acq: 27 Jan 2022 18:12



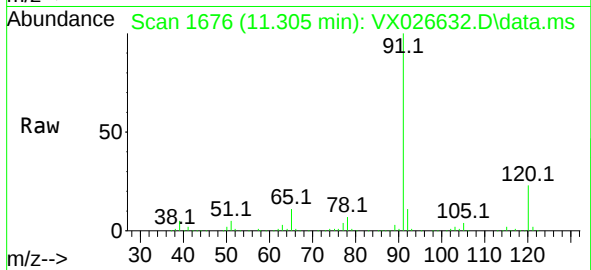
Tgt Ion:105 Resp: 97133
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.1





#78
n-propylbenzene
Concen: 22.542 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX026632.D
Acq: 27 Jan 2022 18:12

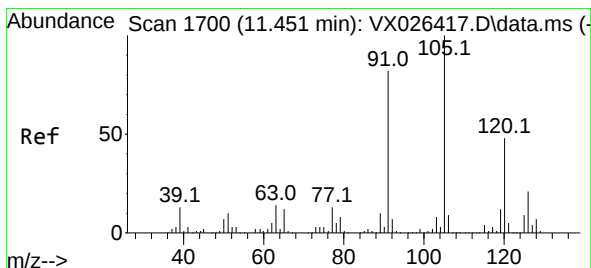
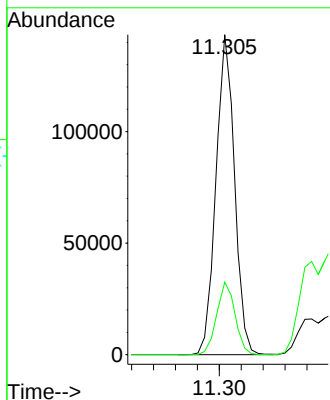
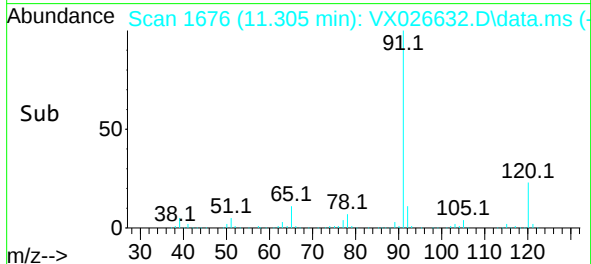
Instrument :
MSVOA_X
ClientSampleId :
MW-10R



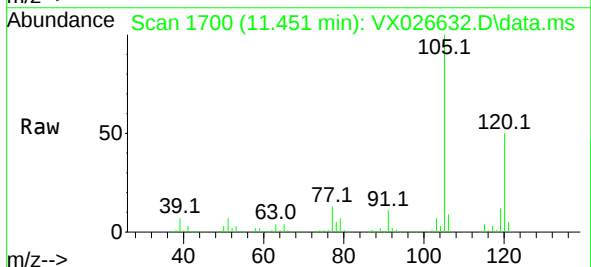
Tgt Ion: 91 Resp: 169000
Ion Ratio Lower Upper
91 100
120 22.4 11.6 34.7

Manual Integrations
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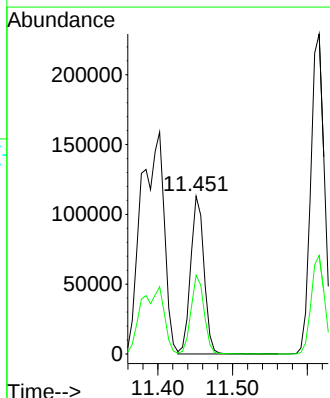
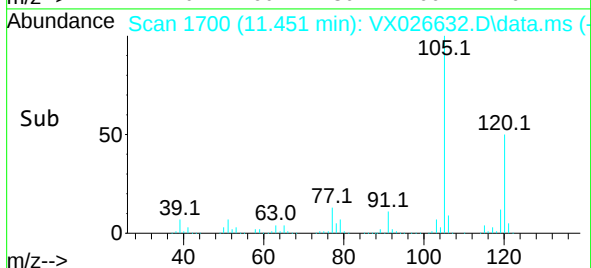
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

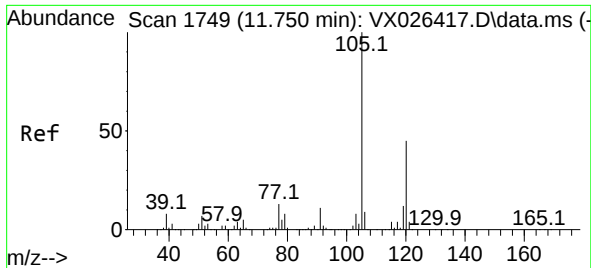


#80
1,3,5-Trimethylbenzene
Concen: 25.872 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX026632.D
Acq: 27 Jan 2022 18:12



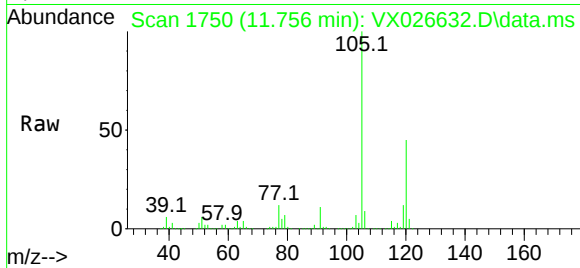
Tgt Ion:105 Resp: 140232
Ion Ratio Lower Upper
105 100
120 48.9 24.0 72.0





#84
1,2,4-Trimethylbenzene
Concen: 97.219 ug/l
RT: 11.756 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VX026632.D
Acq: 27 Jan 2022 18:12

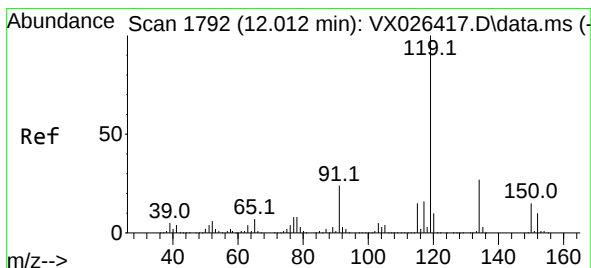
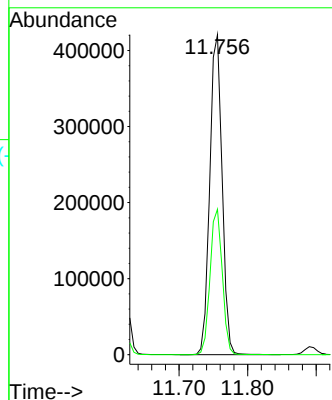
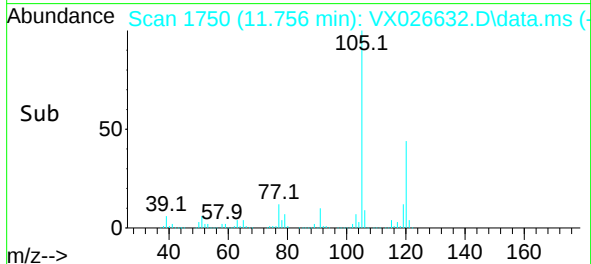
Instrument :
MSVOA_X
ClientSampleId :
MW-10R



Tgt Ion:105 Resp: 527056
Ion Ratio Lower Upper
105 100
120 45.2 21.9 65.5

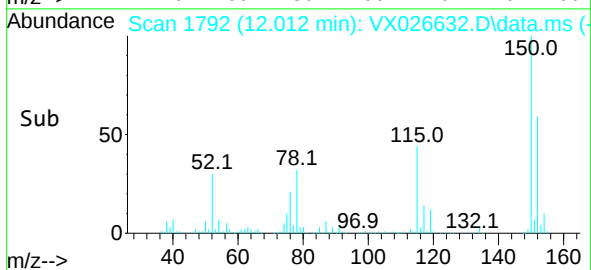
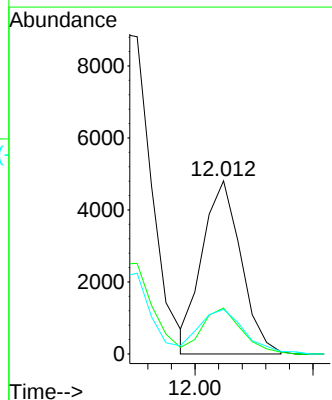
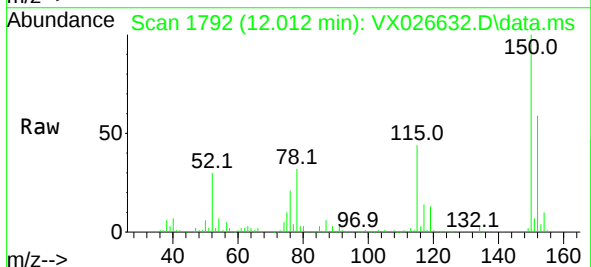
Manual Integrations
APPROVED

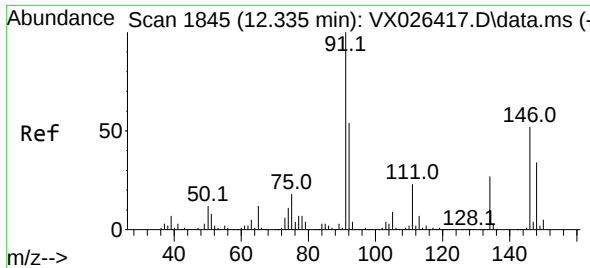
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#86
p-Isopropyltoluene
Concen: 1.001 ug/l m
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX026632.D
Acq: 27 Jan 2022 18:12

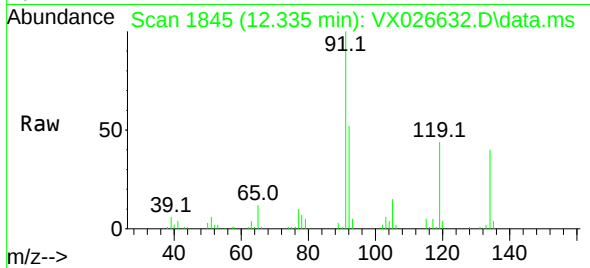
Tgt Ion:119 Resp: 5499
Ion Ratio Lower Upper
119 100
134 59.6 13.0 39.0#
91 52.5 12.6 37.6#





#89
n-Butylbenzene
Concen: 5.277 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX026632.D
Acq: 27 Jan 2022 18:12

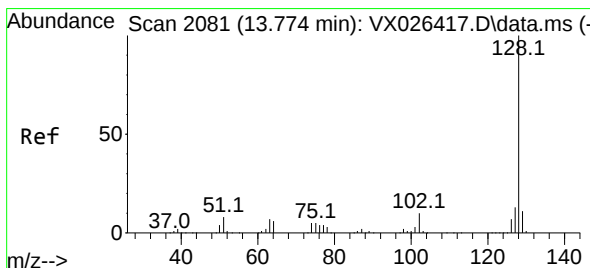
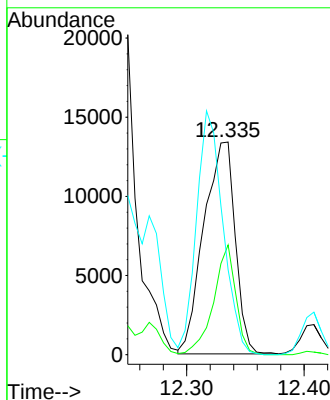
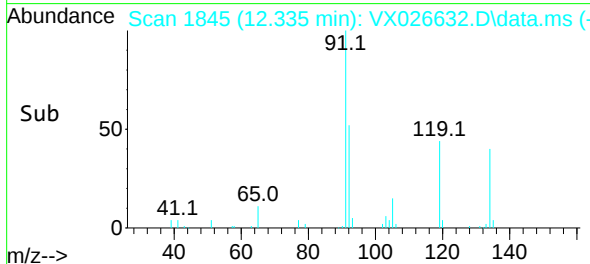
Instrument :
MSVOA_X
ClientSampleId :
MW-10R



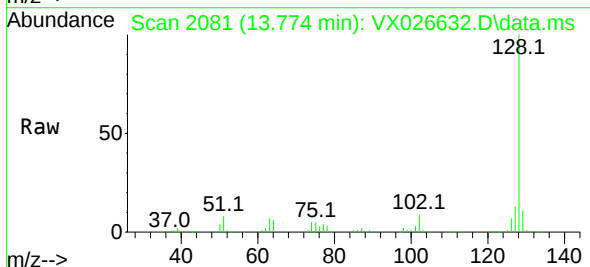
Tgt Ion: 91 Resp: 2486
Ion Ratio Lower Upper
91 100
92 36.8 27.2 81.6
134 97.0 13.1 39.1

Manual Integrations
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Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#95
Naphthalene
Concen: 69.544 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX026632.D
Acq: 27 Jan 2022 18:12



Tgt Ion:128 Resp: 396777
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.1 8.7 13.1

