

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062623\
 Data File : VX036335.D
 Acq On : 26 Jun 2023 17:40
 Operator : JC/MD
 Sample : 03339-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-06

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/27/2023
 Supervised By : Mahesh Dadoda 06/27/2023

Quant Time: Jun 27 04:26:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	180661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	364314	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	345862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	161902	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	171600	66.264	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 132.520%#			
35) Dibromofluoromethane	5.385	113	126497	52.659	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.320%			
50) Toluene-d8	8.647	98	444432	49.535	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.060%			
62) 4-Bromofluorobenzene	11.079	95	172132	54.467	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.940%			
Target Compounds					Qvalue	
16) Acetone	2.392	43	4217	3.810	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	10869	1.638	ug/l #	1
31) Cyclohexane	5.477	56	5272	1.589	ug/l	87
39) Methylcyclohexane	7.373	83	5524	1.288	ug/l #	70
40) Benzene	6.038	78	64030	6.401	ug/l	98
52) Toluene	8.720	92	2361	0.372	ug/l	96
67) Ethyl Benzene	10.195	91	4192	0.324	ug/l	93
68) m/p-Xylenes	10.299	106	5470	1.089	ug/l	95
69) o-Xylene	10.647	106	2006	0.414	ug/l	87
73) Isopropylbenzene	10.964	105	217399	17.818	ug/l	98
78) n-propylbenzene	11.305	91	448824	31.498	ug/l	99
83) tert-Butylbenzene	11.713	119	3699	0.374	ug/l	84
84) 1,2,4-Trimethylbenzene	11.750	105	2399	0.235	ug/l	94
85) sec-Butylbenzene	11.890	105	34073	2.716	ug/l #	57
89) n-Butylbenzene	12.329	91	13240m	1.413	ug/l	
95) Naphthalene	13.774	128	402385	36.408	ug/l	100

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

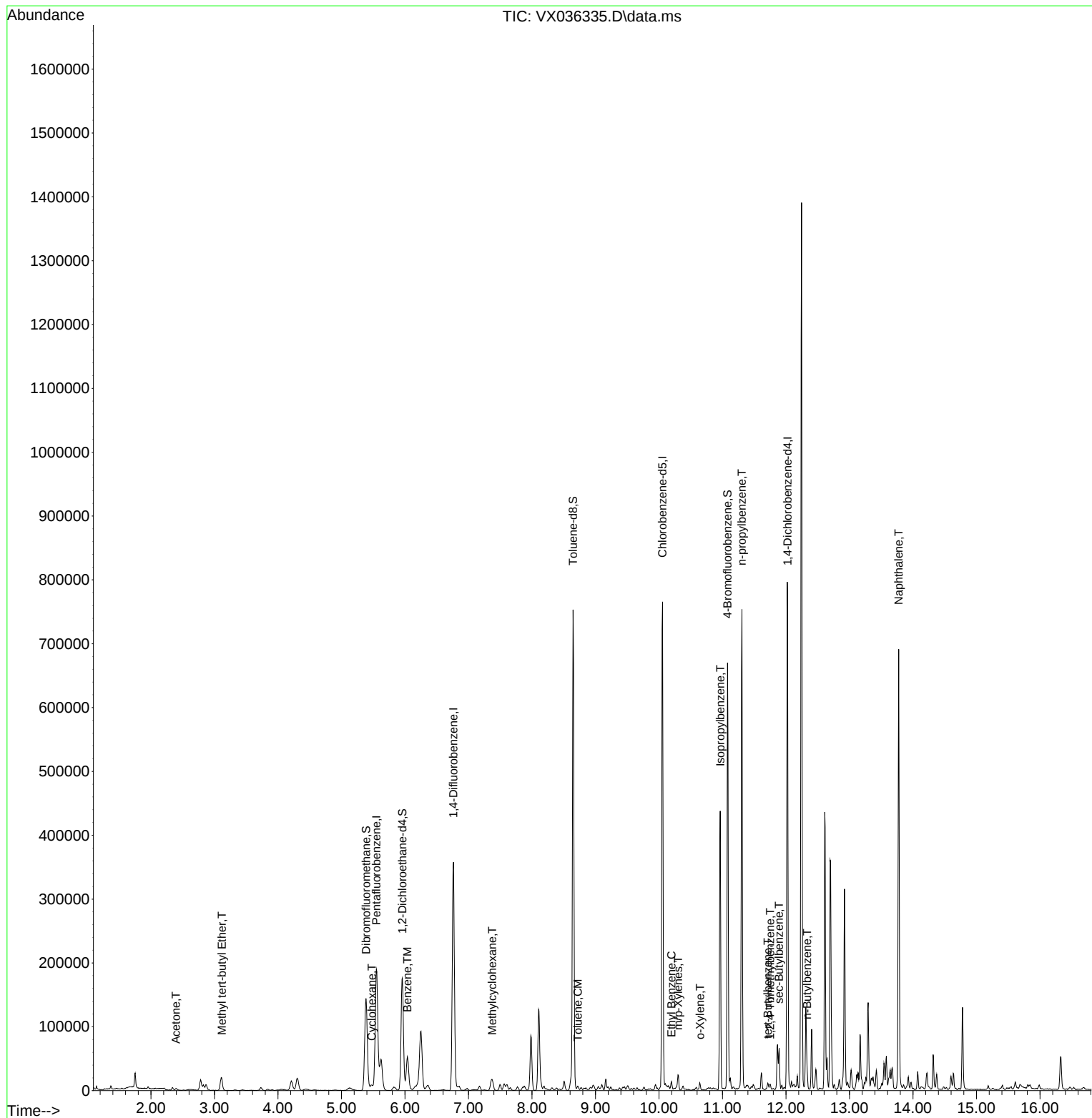
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062623\
Data File : VX036335.D
Acq On : 26 Jun 2023 17:40
Operator : JC/MD
Sample : 03339-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-06

Quant Time: Jun 27 04:26:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 23 15:03:28 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

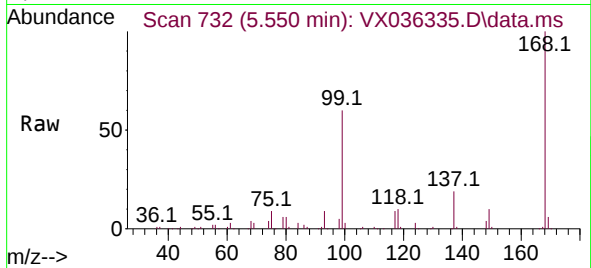
Reviewed By : John Carlone 06/27/2023
Supervised By : Mahesh Dadoda 06/27/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036335.D
Acq: 26 Jun 2023 17:40

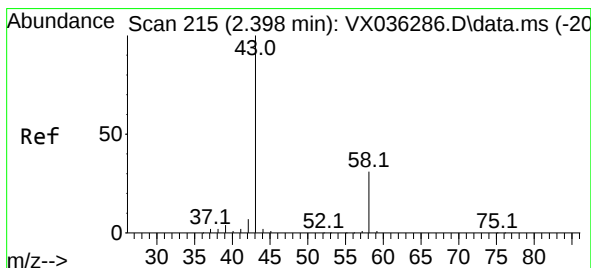
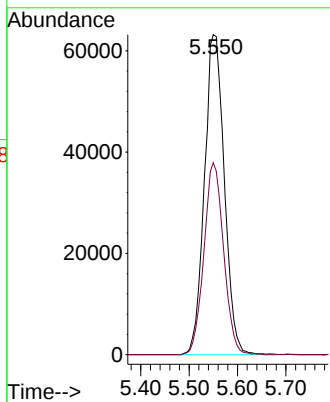
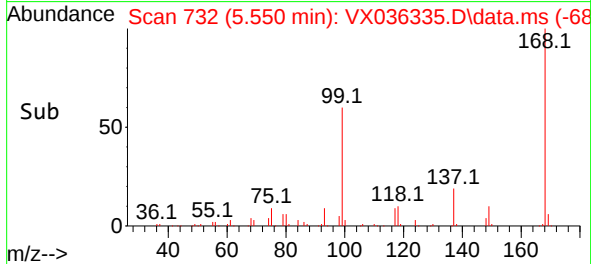
Instrument :
MSVOA_X
Client Sample Id :
MW-06



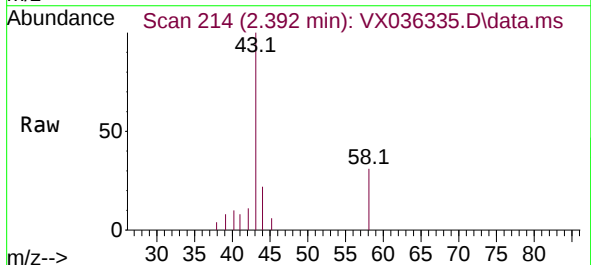
Tgt Ion:168 Resp: 18066
Ion Ratio Lower Upper
168 100
99 60.0 56.6 85.0

Manual Integrations
APPROVED

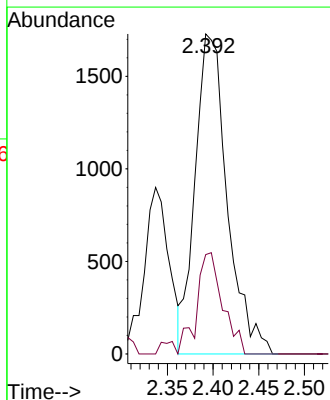
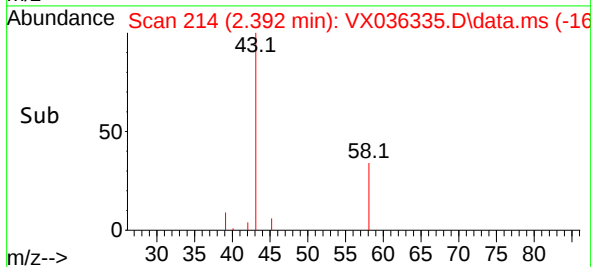
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

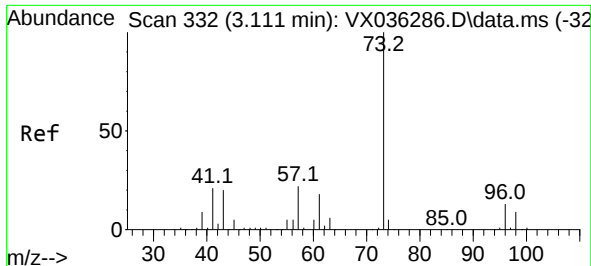


#16
Acetone
Concen: 3.810 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036335.D
Acq: 26 Jun 2023 17:40



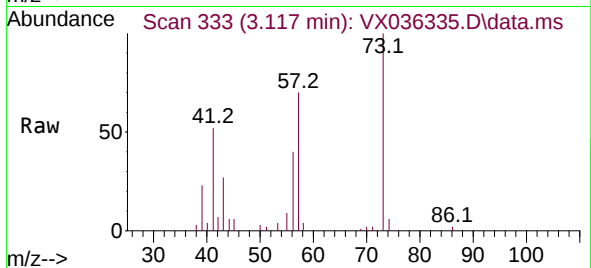
Tgt Ion: 43 Resp: 4217
Ion Ratio Lower Upper
43 100
58 31.1 21.9 32.9





#19
Methyl tert-butyl Ether
Concen: 1.638 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX036335.D
Acq: 26 Jun 2023 17:40

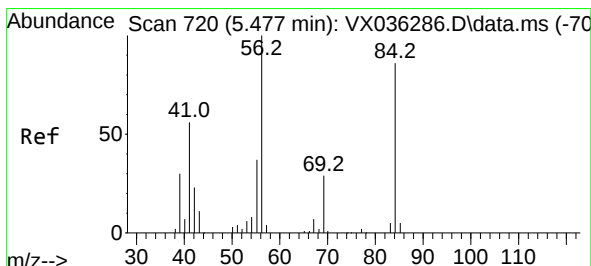
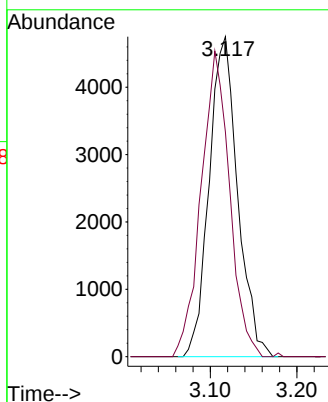
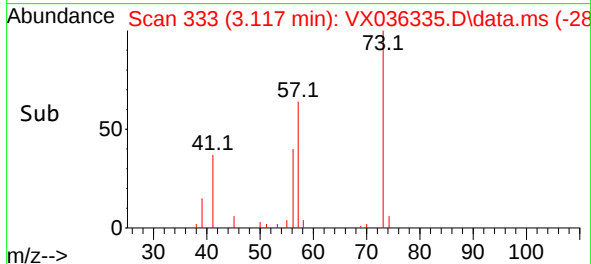
Instrument :
MSVOA_X
ClientSampleId :
MW-06



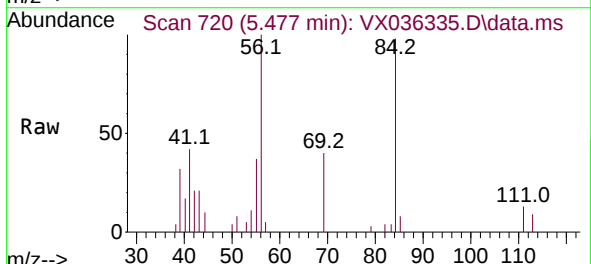
Tgt Ion: 73 Resp: 1086
Ion Ratio Lower Upper
73 100
57 69.1 17.3 25.9

Manual Integrations
APPROVED

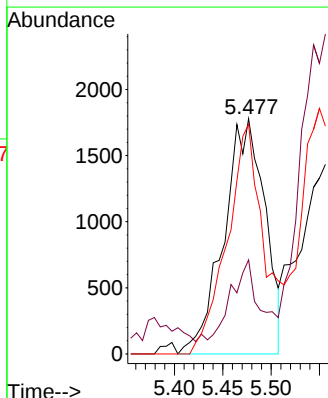
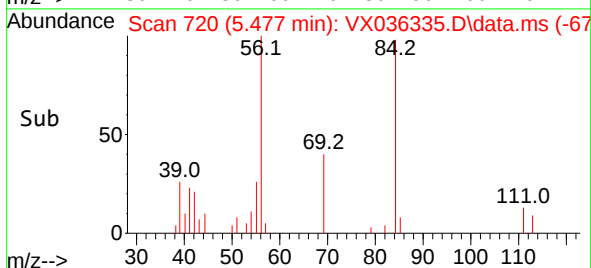
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

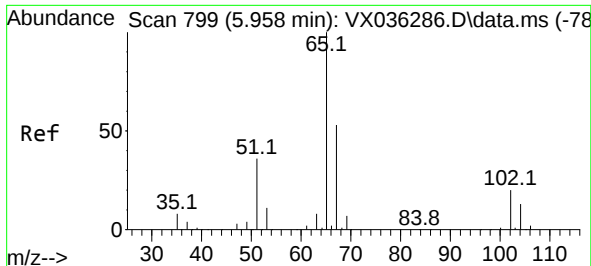


#31
Cyclohexane
Concen: 1.589 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.007 min
Lab File: VX036335.D
Acq: 26 Jun 2023 17:40



Tgt Ion: 56 Resp: 5272
Ion Ratio Lower Upper
56 100
69 28.8 23.4 35.2
84 97.6 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 66.264 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX036335.D

Acq: 26 Jun 2023 17:40

Instrument :

MSVOA_X

Client SampleId :

MW-06

Tgt Ion: 65 Resp: 171600

Ion Ratio Lower Upper

65 100

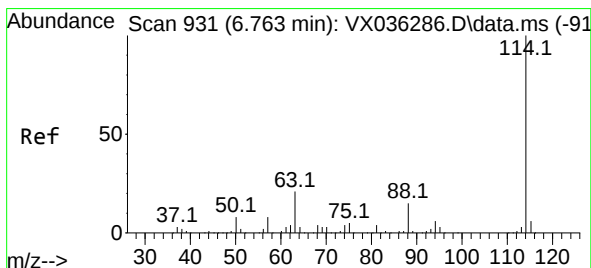
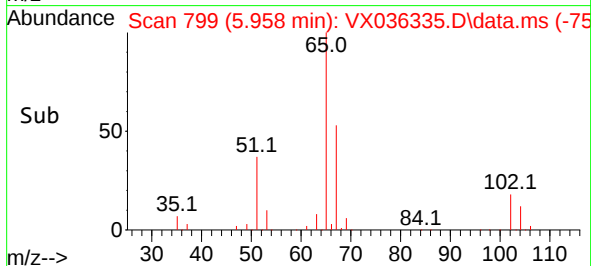
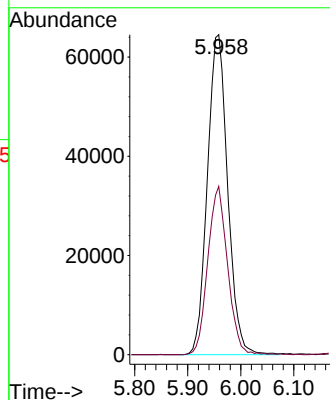
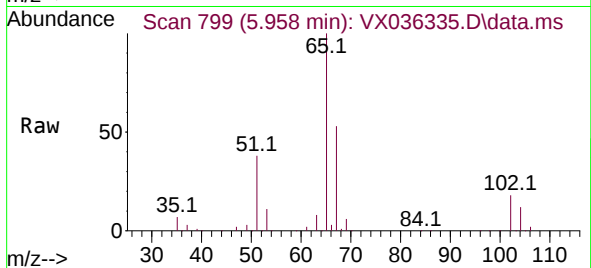
67 51.2 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2023

Supervised By :Mahesh Dadoda 06/27/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX036335.D

Acq: 26 Jun 2023 17:40

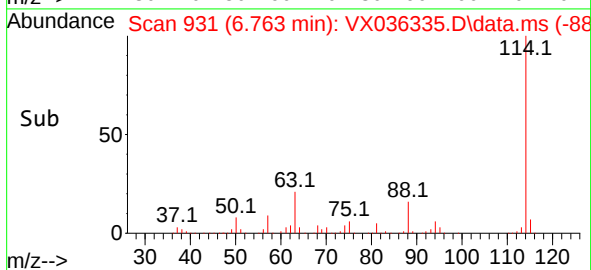
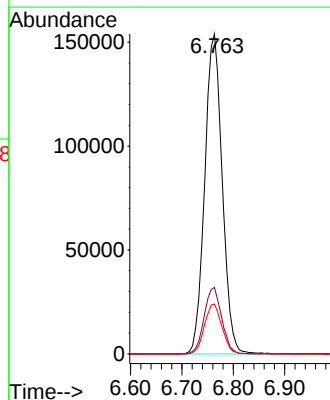
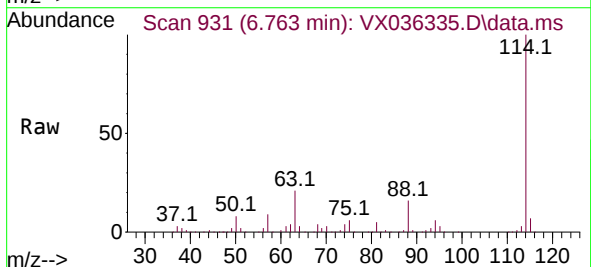
Tgt Ion:114 Resp: 364314

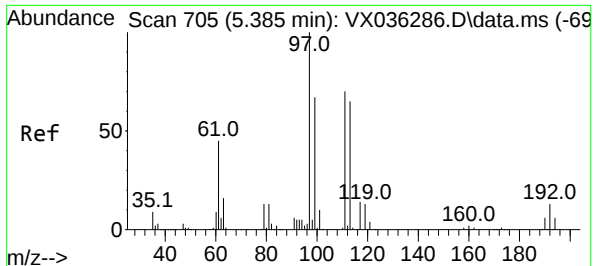
Ion Ratio Lower Upper

114 100

63 20.8 0.0 45.0

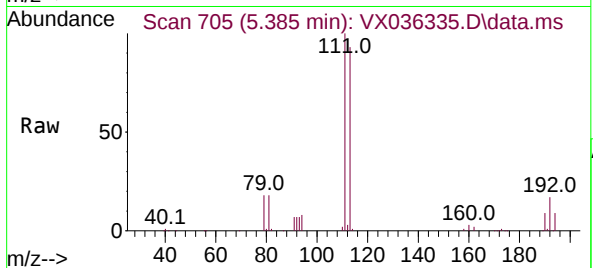
88 15.6 0.0 36.6





#35
Dibromofluoromethane
Concen: 52.659 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036335.D
Acq: 26 Jun 2023 17:40

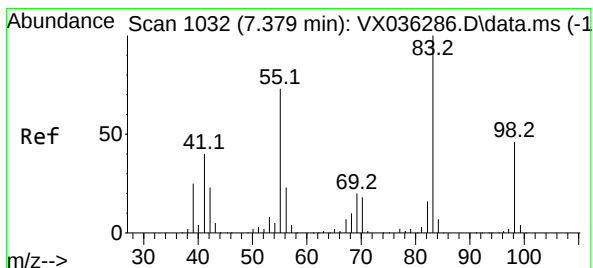
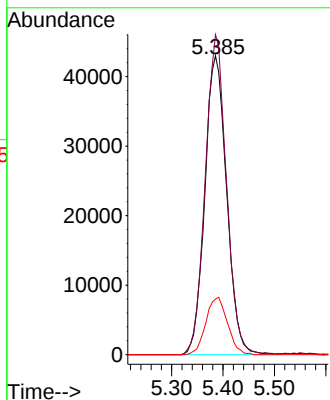
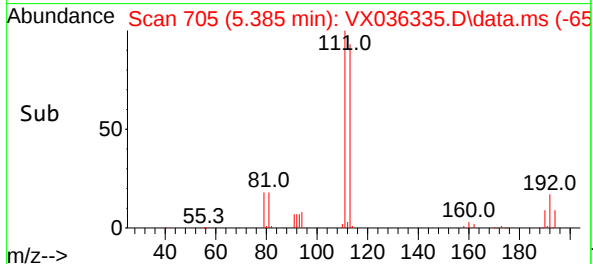
Instrument :
MSVOA_X
ClientSampleId :
MW-06



Tgt Ion: 113 Resp: 12649
Ion Ratio Lower Upper
113 100
111 104.6 82.9 124.3
192 19.1 13.3 19.9

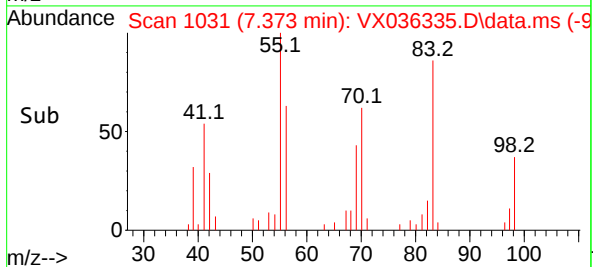
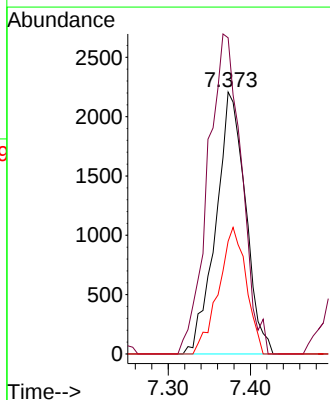
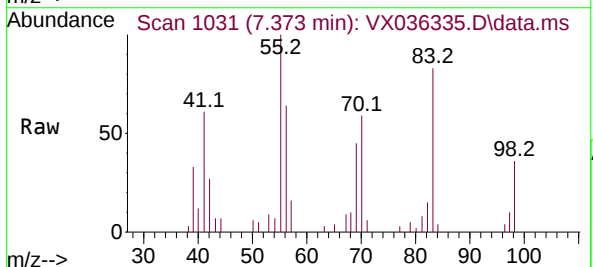
Manual Integrations
APPROVED

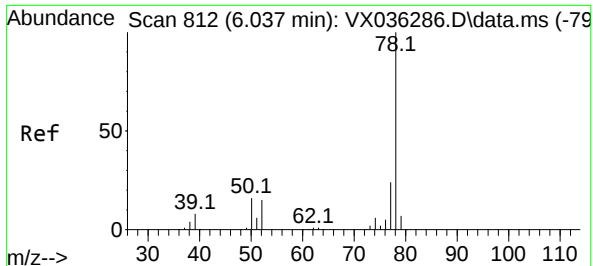
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#39
Methylcyclohexane
Concen: 1.288 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.005 min
Lab File: VX036335.D
Acq: 26 Jun 2023 17:40

Tgt Ion: 83 Resp: 5524
Ion Ratio Lower Upper
83 100
55 120.8 64.6 97.0#
98 43.0 36.7 55.1





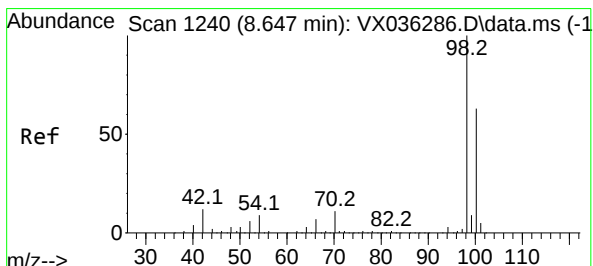
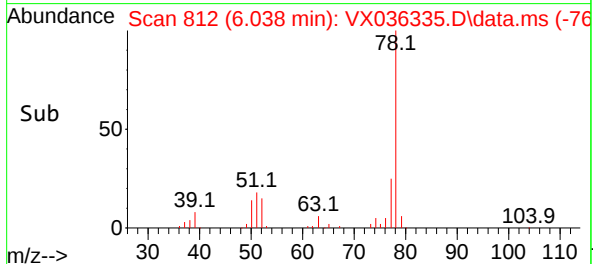
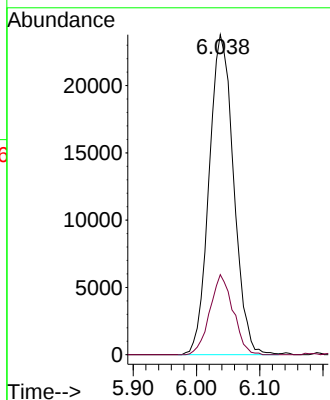
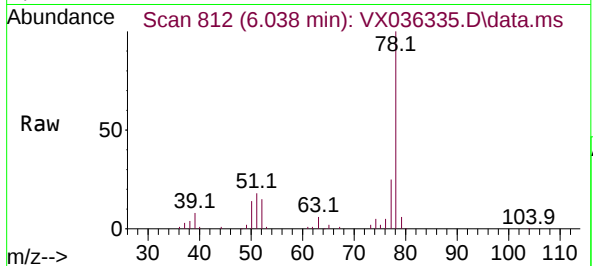
#40
Benzene
Concen: 6.401 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.001 min
Lab File: VX036335.D
Acq: 26 Jun 2023 17:40

Instrument :
MSVOA_X
ClientSampleId :
MW-06

Tgt Ion: 78 Resp: 64030
Ion Ratio Lower Upper
78 100
77 25.0 19.3 28.9

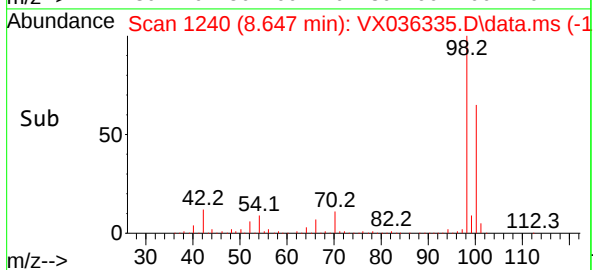
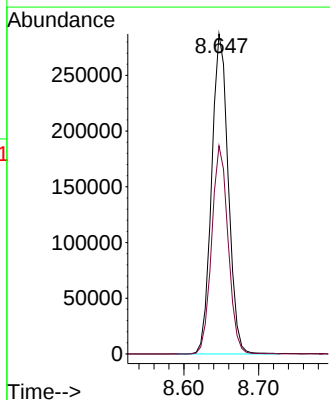
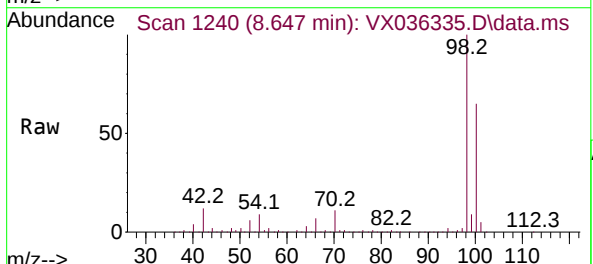
Manual Integrations
APPROVED

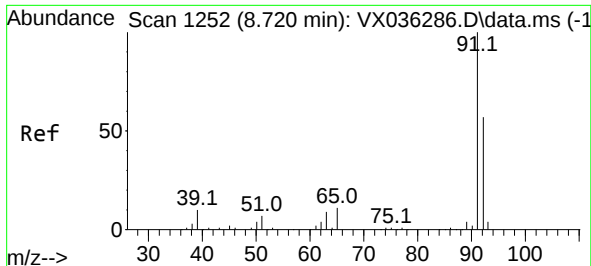
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#50
Toluene-d8
Concen: 49.535 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036335.D
Acq: 26 Jun 2023 17:40

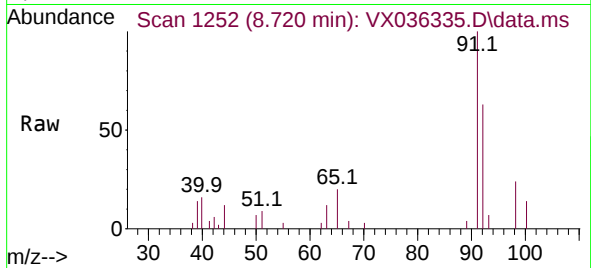
Tgt Ion: 98 Resp: 444432
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7





#52
Toluene
Concen: 0.372 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036335.D
Acq: 26 Jun 2023 17:40

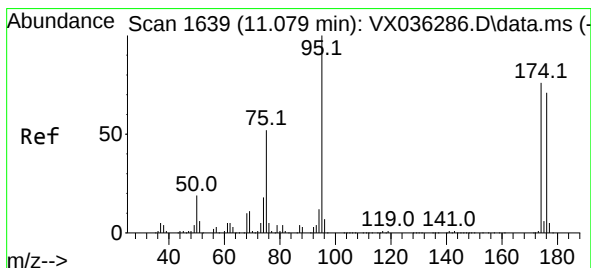
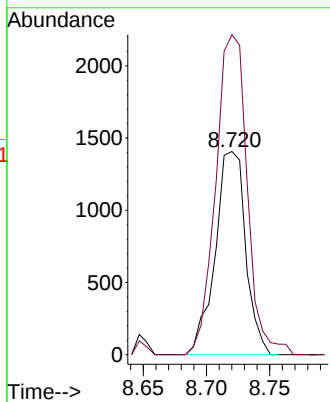
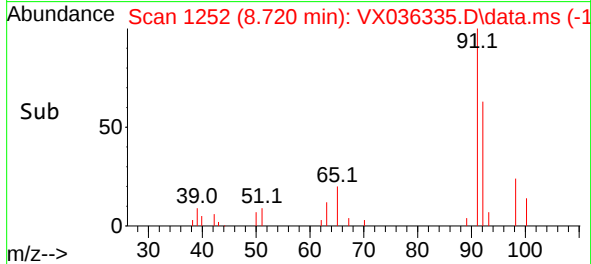
Instrument :
MSVOA_X
ClientSampleId :
MW-06



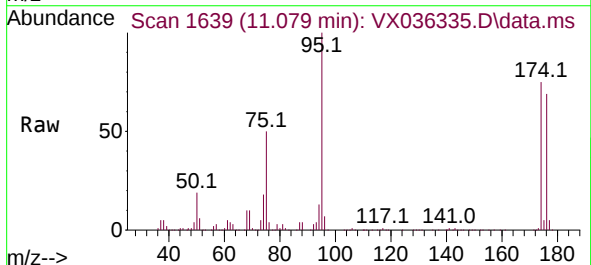
Tgt Ion: 92 Resp: 236
Ion Ratio Lower Upper
92 100
91 162.9 134.2 201.2

Manual Integrations
APPROVED

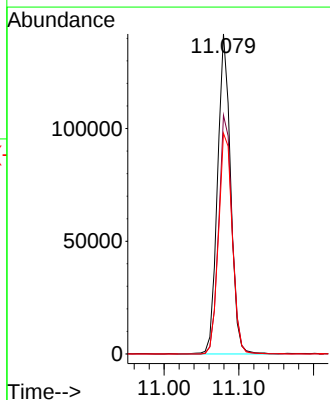
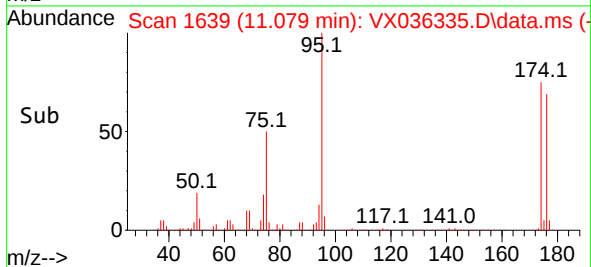
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

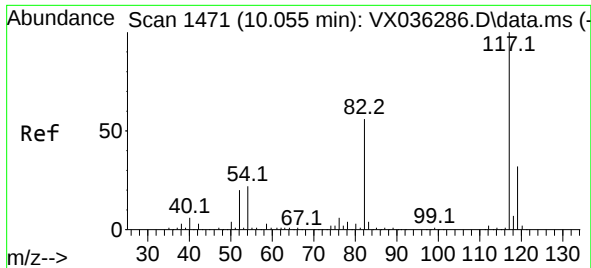


#62
4-Bromofluorobenzene
Concen: 54.467 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036335.D
Acq: 26 Jun 2023 17:40



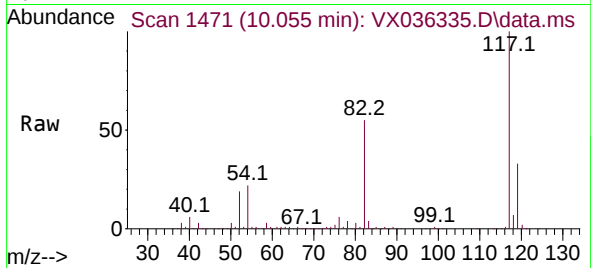
Tgt Ion: 95 Resp: 172132
Ion Ratio Lower Upper
95 100
174 76.6 0.0 135.6
176 72.7 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036335.D
Acq: 26 Jun 2023 17:40

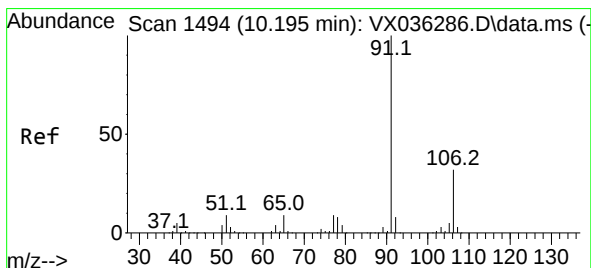
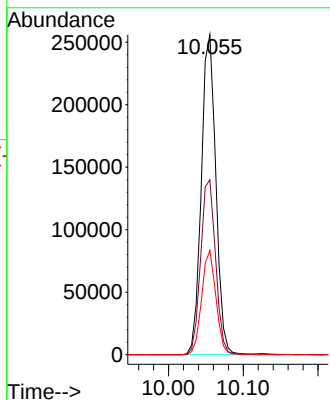
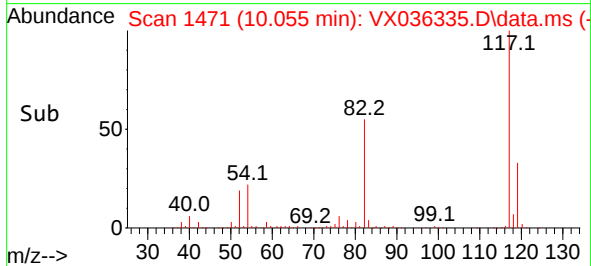
Instrument :
MSVOA_X
ClientSampleId :
MW-06



Tgt Ion:117 Resp: 345862
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 32.5 25.5 38.3

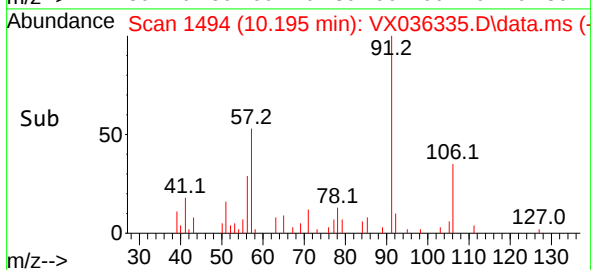
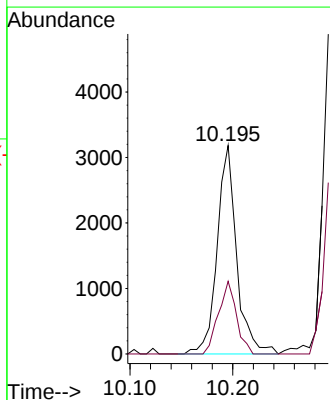
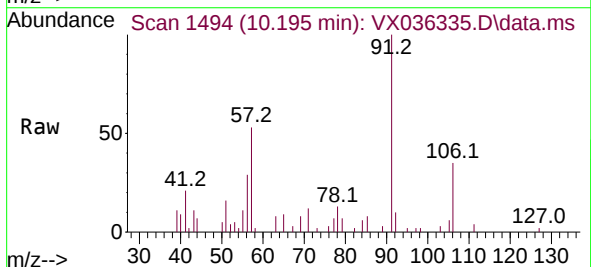
Manual Integrations
APPROVED

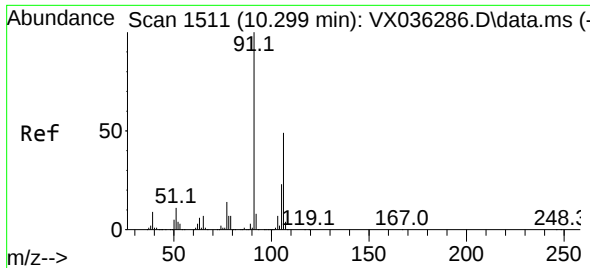
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#67
Ethyl Benzene
Concen: 0.324 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036335.D
Acq: 26 Jun 2023 17:40

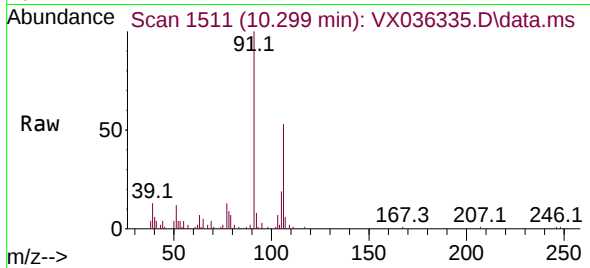
Tgt Ion: 91 Resp: 4192
Ion Ratio Lower Upper
91 100
106 34.9 24.9 37.3





#68
m/p-Xylenes
Concen: 1.089 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036335.D
Acq: 26 Jun 2023 17:40

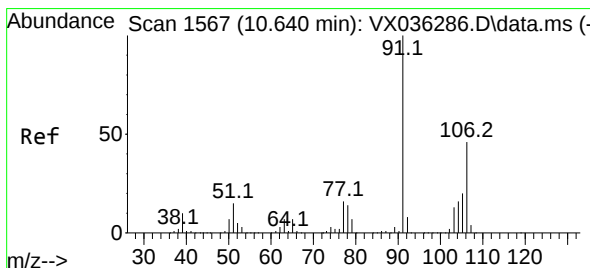
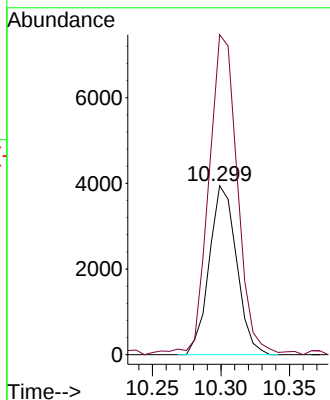
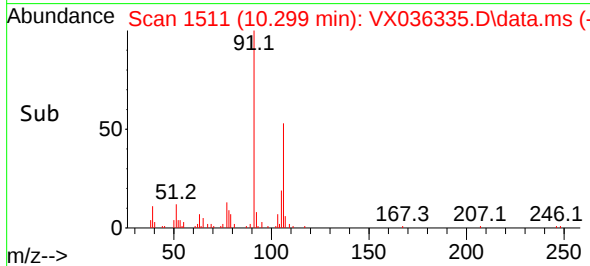
Instrument :
MSVOA_X
ClientSampleId :
MW-06



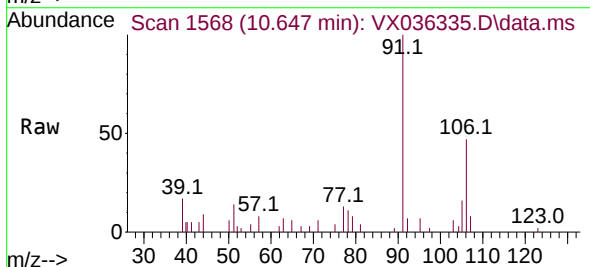
Tgt Ion:106 Resp: 5470
Ion Ratio Lower Upper
106 100
91 199.3 165.5 248.3

Manual Integrations
APPROVED

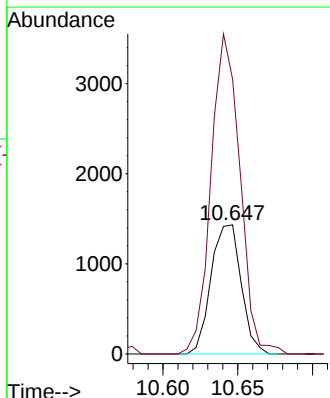
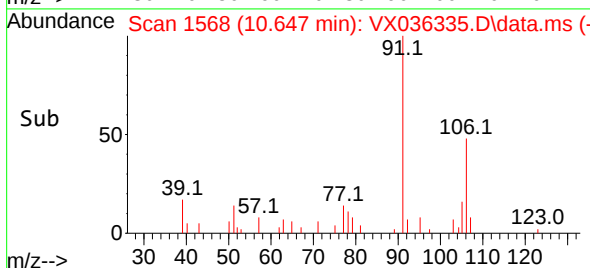
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

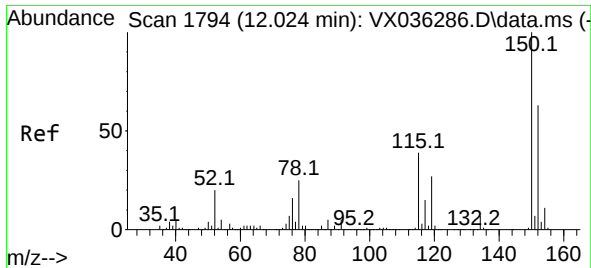


#69
o-Xylene
Concen: 0.414 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.007 min
Lab File: VX036335.D
Acq: 26 Jun 2023 17:40



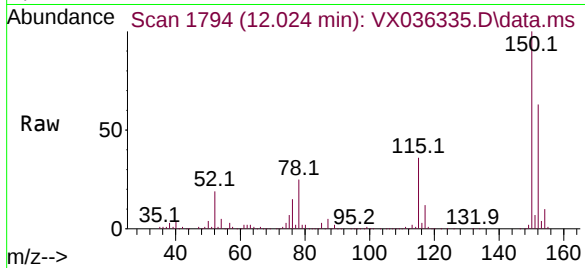
Tgt Ion:106 Resp: 2006
Ion Ratio Lower Upper
106 100
91 238.2 108.9 326.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX036335.D
 Acq: 26 Jun 2023 17:40

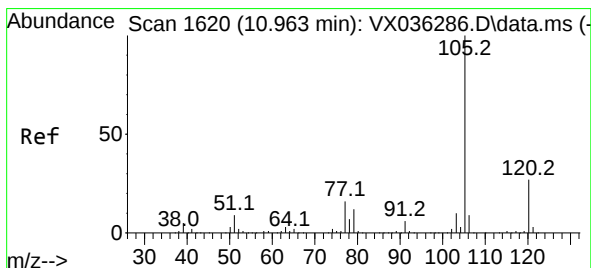
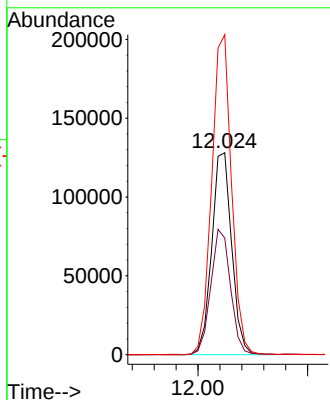
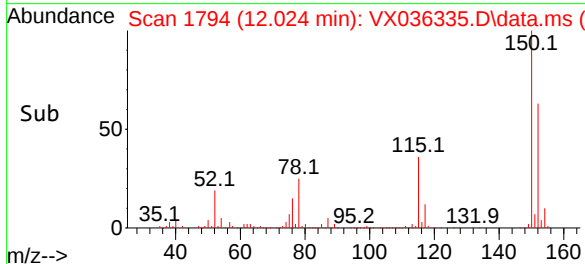
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-06



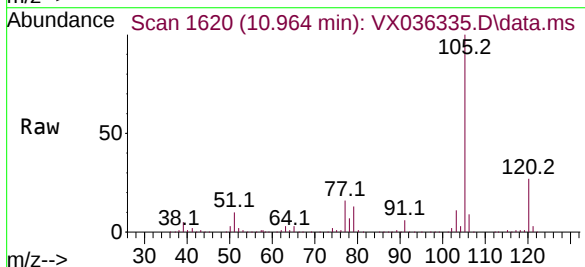
Tgt Ion:152 Resp: 161902
 Ion Ratio Lower Upper
 152 100
 115 61.6 43.3 129.9
 150 157.6 0.0 345.0

Manual Integrations
 APPROVED

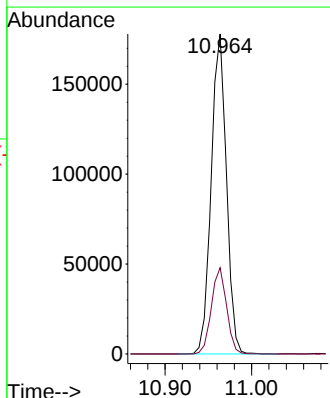
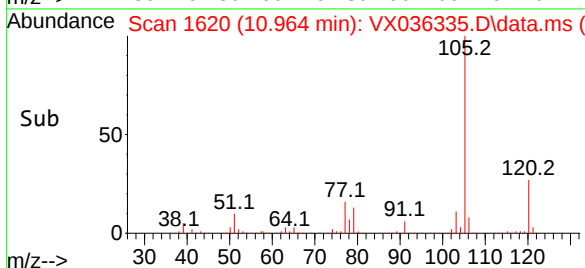
Reviewed By :John Carlone 06/27/2023
 Supervised By :Mahesh Dadoda 06/27/2023

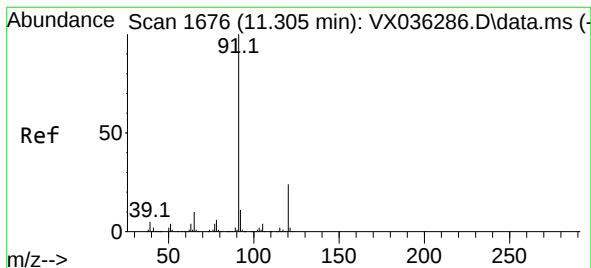


#73
 Isopropylbenzene
 Concen: 17.818 ug/l
 RT: 10.964 min Scan# 1620
 Delta R.T. 0.001 min
 Lab File: VX036335.D
 Acq: 26 Jun 2023 17:40



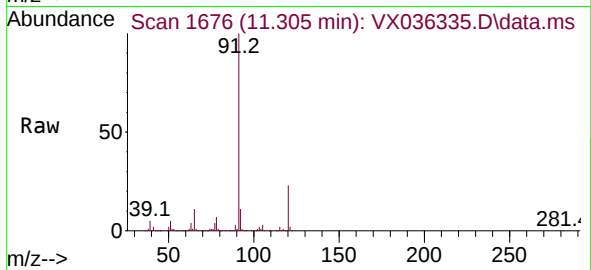
Tgt Ion:105 Resp: 217399
 Ion Ratio Lower Upper
 105 100
 120 26.8 12.9 38.6





#78
n-propylbenzene
Concen: 31.498 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX036335.D
Acq: 26 Jun 2023 17:40

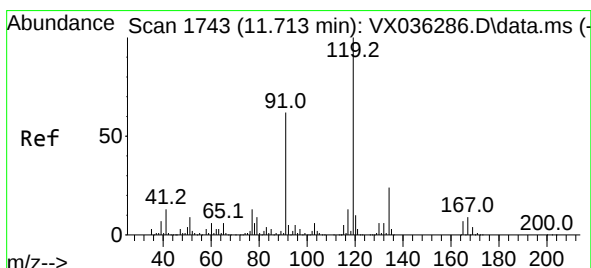
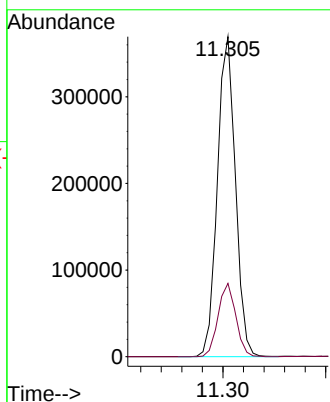
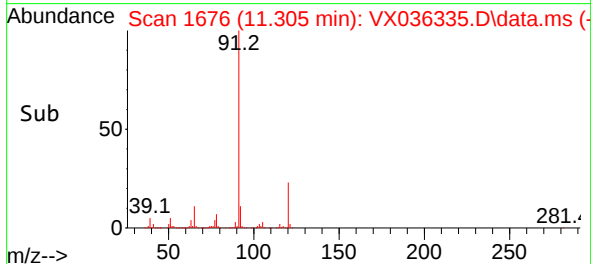
Instrument :
MSVOA_X
ClientSampleId :
MW-06



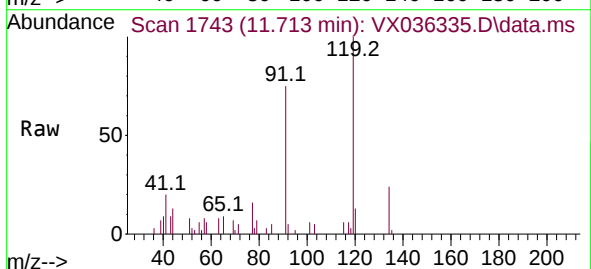
Tgt Ion: 91 Resp: 448824
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.4

Manual Integrations
APPROVED

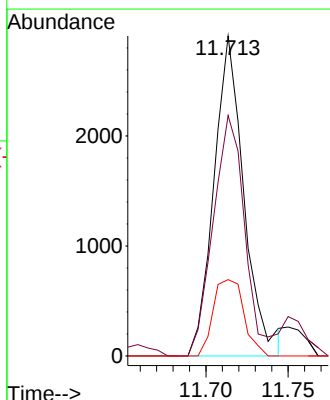
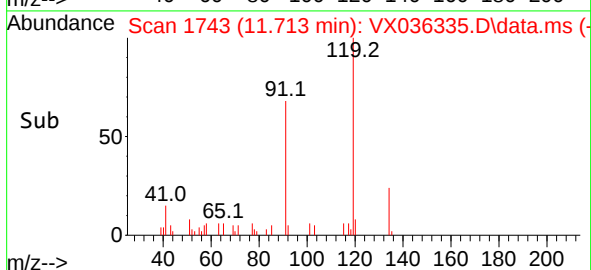
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

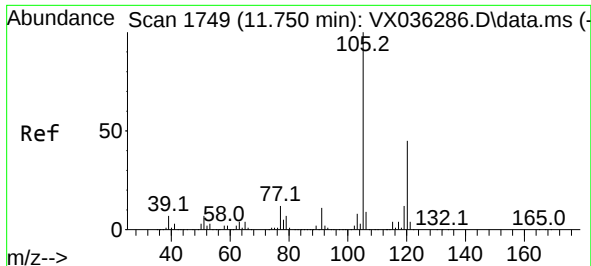


#83
tert-Butylbenzene
Concen: 0.374 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX036335.D
Acq: 26 Jun 2023 17:40



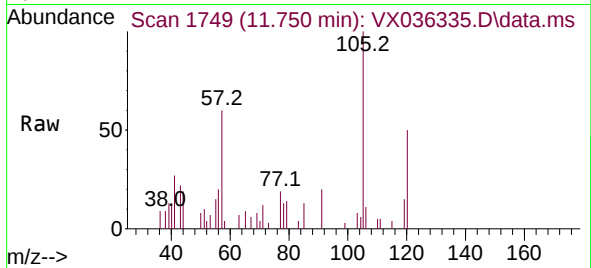
Tgt Ion:119 Resp: 3699
Ion Ratio Lower Upper
119 100
91 78.3 31.2 93.6
134 24.4 11.7 35.0





#84
1,2,4-Trimethylbenzene
Concen: 0.235 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX036335.D
Acq: 26 Jun 2023 17:40

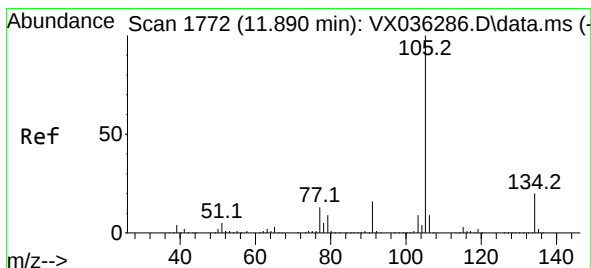
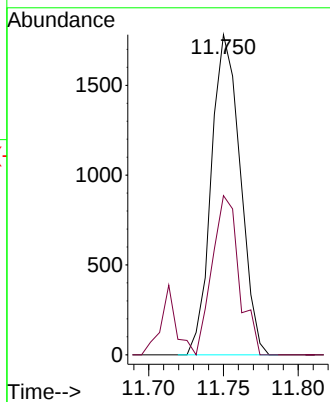
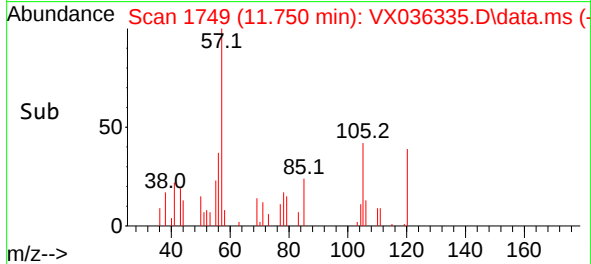
Instrument :
MSVOA_X
ClientSampleId :
MW-06



Tgt Ion:105 Resp: 2398
Ion Ratio Lower Upper
105 100
120 46.1 21.2 63.6

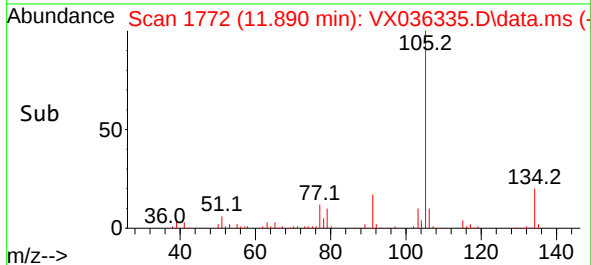
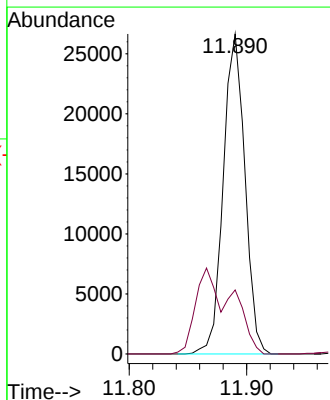
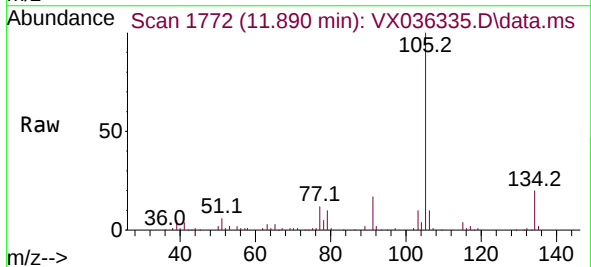
Manual Integrations
APPROVED

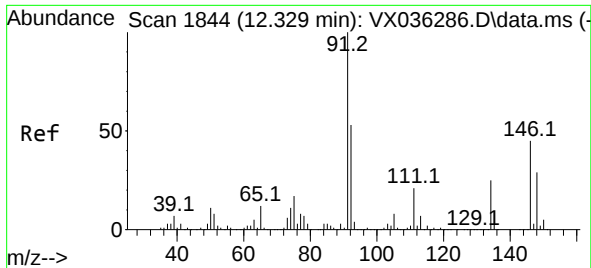
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#85
sec-Butylbenzene
Concen: 2.716 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX036335.D
Acq: 26 Jun 2023 17:40

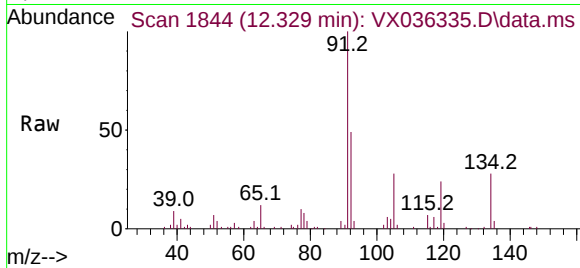
Tgt Ion:105 Resp: 34073
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.4#





#89
n-Butylbenzene
Concen: 1.413 ug/l m
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX036335.D
Acq: 26 Jun 2023 17:40

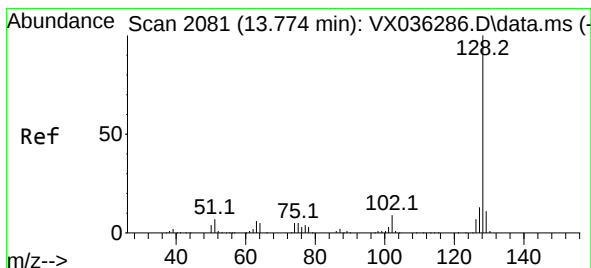
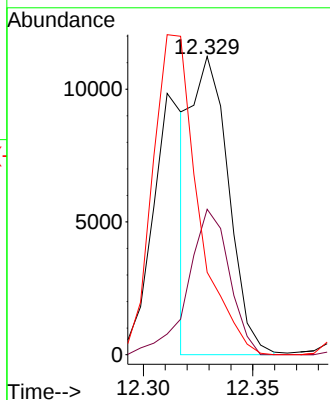
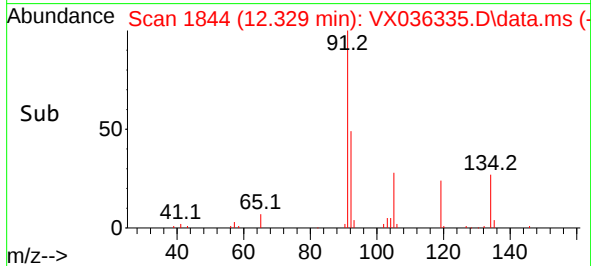
Instrument :
MSVOA_X
ClientSampleId :
MW-06



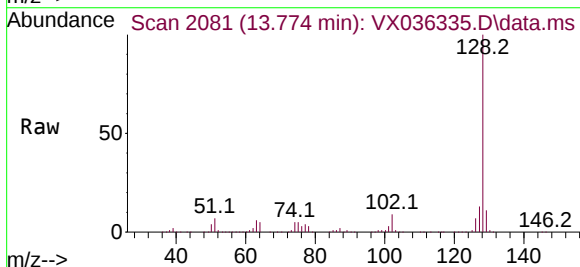
Tgt Ion: 91 Resp: 13240
Ion Ratio Lower Upper
91 100
92 54.5 27.4 82.0
134 131.6 12.6 37.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#95
Naphthalene
Concen: 36.408 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036335.D
Acq: 26 Jun 2023 17:40



Tgt Ion:128 Resp: 402385
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.8 13.2

