

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040222\
 Data File : VX027937.D
 Acq On : 02 Apr 2022 16:42
 Operator : JC/MD
 Sample : N2249-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Quant Time: Apr 04 04:16:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	77071	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	135182	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124373	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59127	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	59134	59.465	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 118.940%			
35) Dibromofluoromethane	5.385	113	45535	52.185	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.380%			
50) Toluene-d8	8.653	98	162922	53.068	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.140%			
62) 4-Bromofluorobenzene	11.085	95	66299	50.817	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.640%			
Target Compounds						Qvalue
16) Acetone	2.380	43	6921	15.726	ug/l	91
25) 2-Butanone	4.568	43	5906	9.223	ug/l	94
29) Tetrahydrofuran	5.013	42	2953	7.179	ug/l #	83
31) Cyclohexane	5.471	56	18083	16.450	ug/l #	80
39) Methylcyclohexane	7.385	83	5793	4.479	ug/l	91
52) Toluene	8.720	92	2026	0.966	ug/l	98
67) Ethyl Benzene	10.195	91	344504	77.512	ug/l	99
68) m/p-Xylenes	10.305	106	743772	455.004	ug/l	92
69) o-Xylene	10.640	106	46148	28.904	ug/l	91
73) Isopropylbenzene	10.964	105	26117	5.932	ug/l	97
78) n-propylbenzene	11.305	91	53719	10.214	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	136811	35.815	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	618038	162.260	ug/l	98
86) p-Isopropyltoluene	12.012	119	1027m	0.271	ug/l	

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

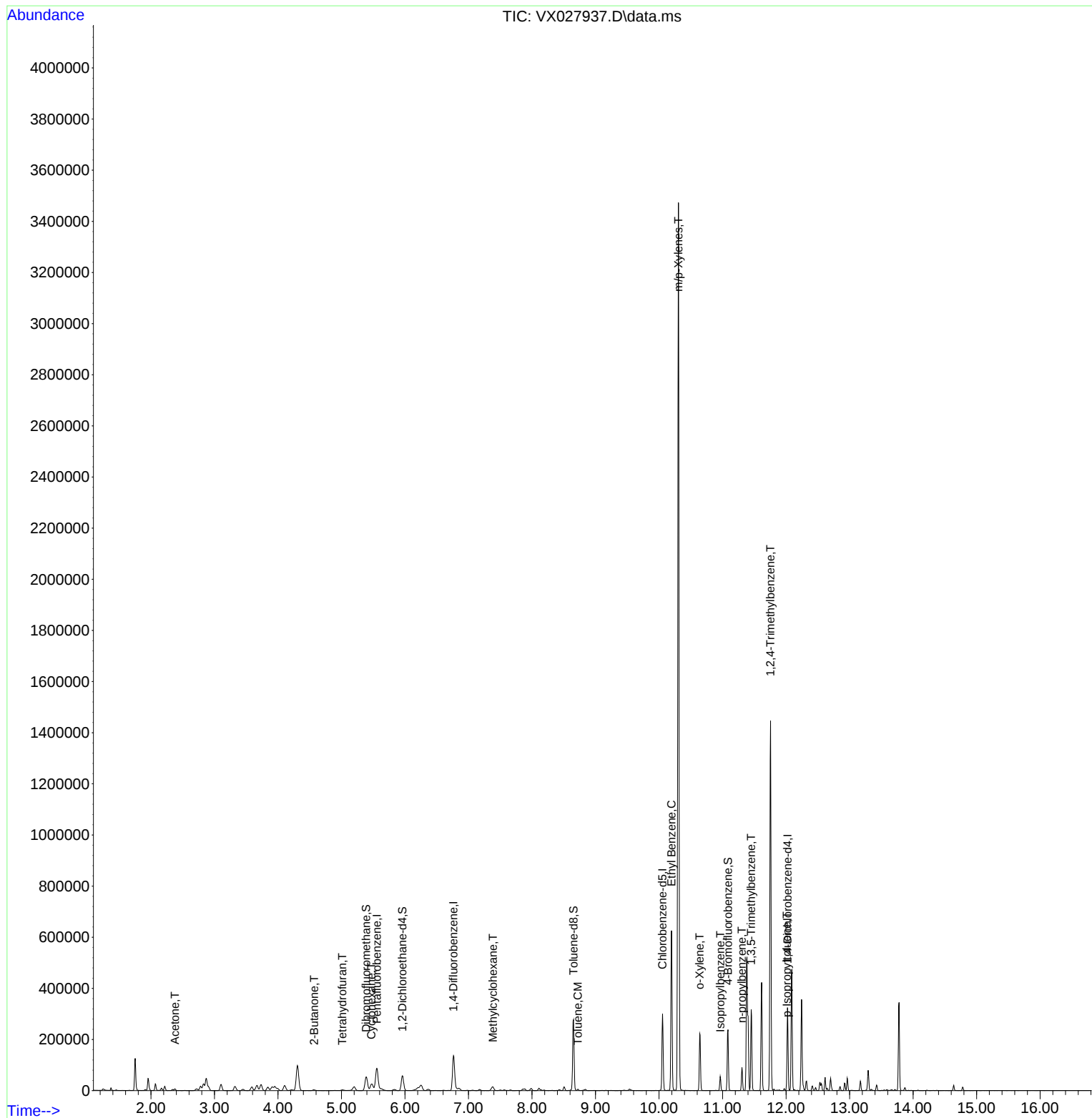
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Data File : VX027937.D
Acq On : 02 Apr 2022 16:42
Operator : JC/MD
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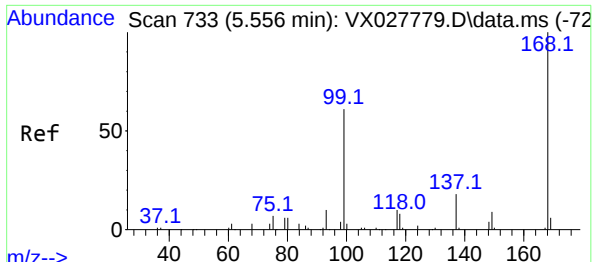
Instrument :
MSVOA_X
ClientSampleId :
MW-2

Quant Time: Apr 04 04:16:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 04:39:27 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

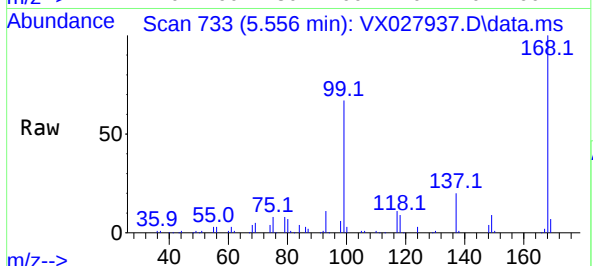
Reviewed By : John Carlone 04/04/2022
Supervised By : Mahesh Dadoda 04/04/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX027937.D
Acq: 02 Apr 2022 16:42

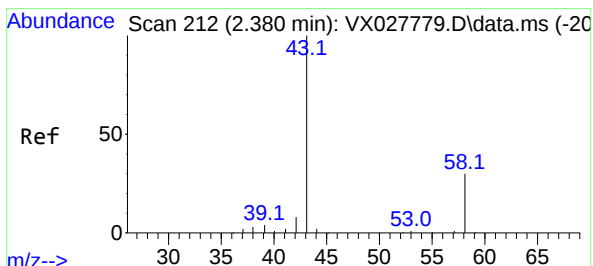
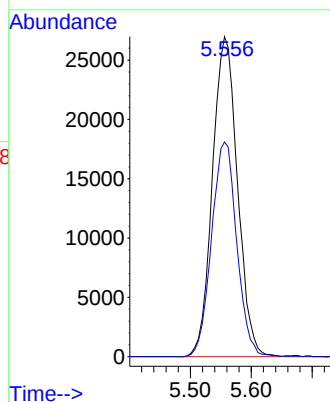
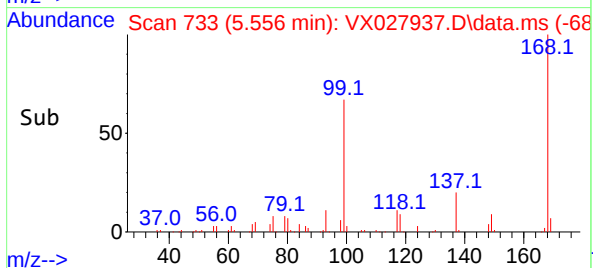
Instrument :
MSVOA_X
ClientSampleId :
MW-2



Tgt Ion:168 Resp: 7707
Ion Ratio Lower Upper
168 100
99 67.1 41.7 62.5

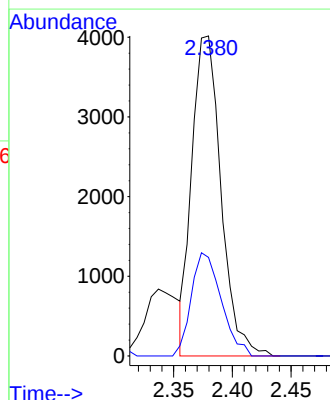
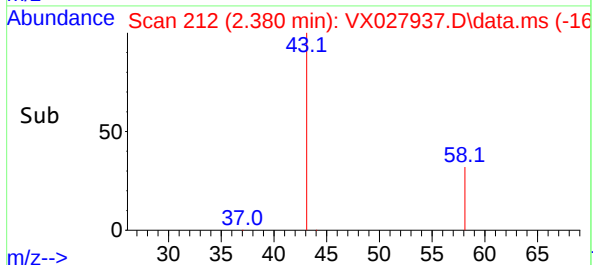
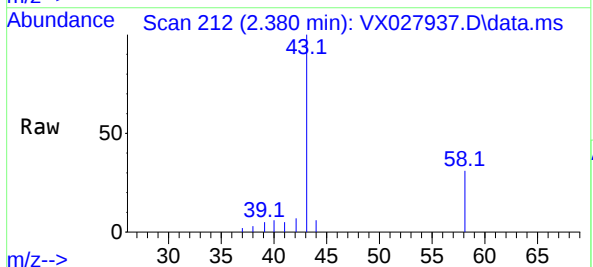
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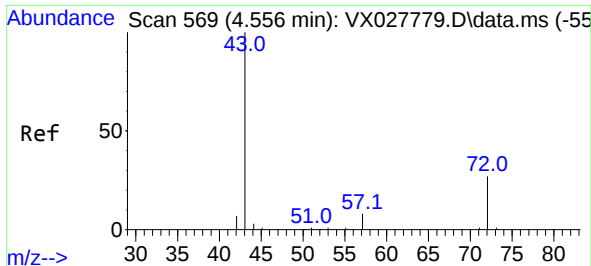
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/04/2022



#16
Acetone
Concen: 15.726 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027937.D
Acq: 02 Apr 2022 16:42

Tgt Ion: 43 Resp: 6921
Ion Ratio Lower Upper
43 100
58 30.8 28.8 43.2





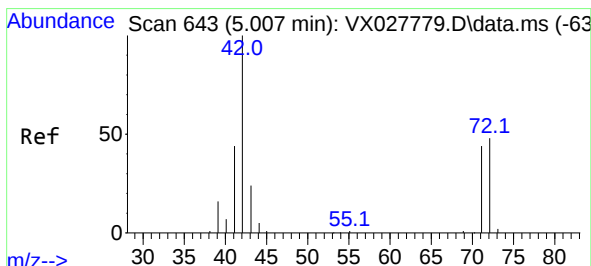
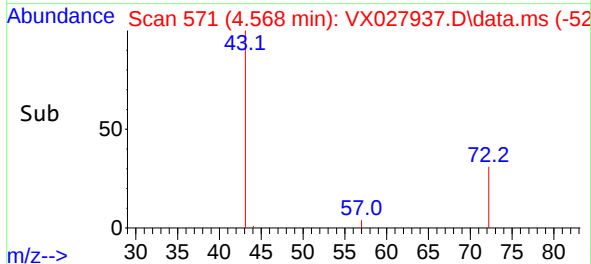
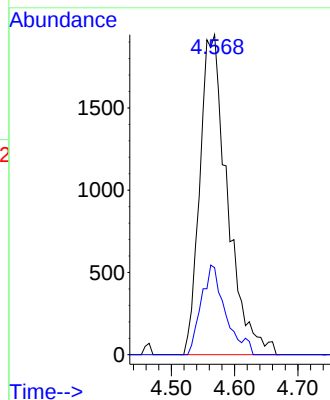
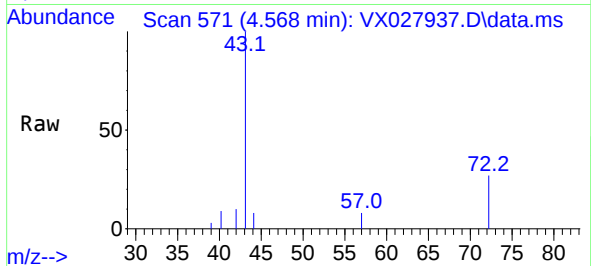
#25
2-Butanone
Concen: 9.223 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX027937.D
Acq: 02 Apr 2022 16:42

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 43 Resp: 5900
Ion Ratio Lower Upper
43 100
72 27.2 24.4 36.6

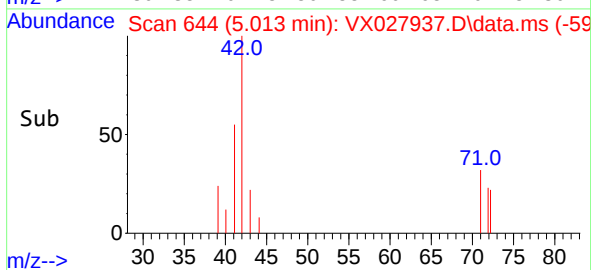
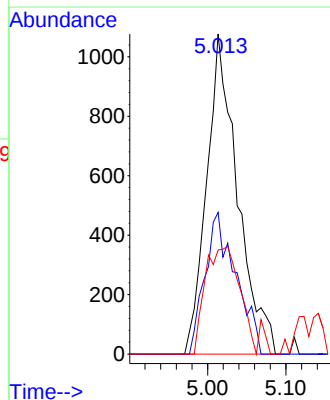
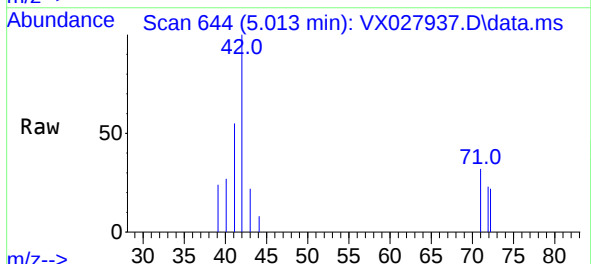
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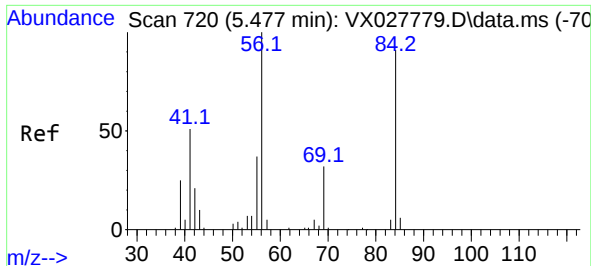
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/04/2022



#29
Tetrahydrofuran
Concen: 7.179 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.006 min
Lab File: VX027937.D
Acq: 02 Apr 2022 16:42

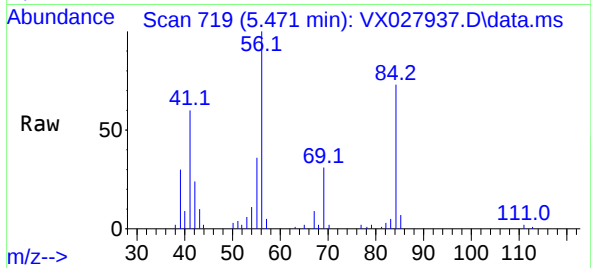
Tgt Ion: 42 Resp: 2953
Ion Ratio Lower Upper
42 100
72 44.2 44.1 66.1
71 37.4 40.5 60.7#





#31
Cyclohexane
Concen: 16.450 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX027937.D
Acq: 02 Apr 2022 16:42

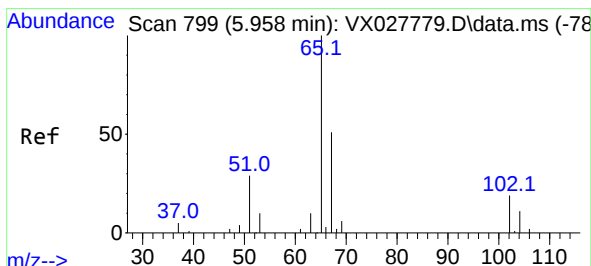
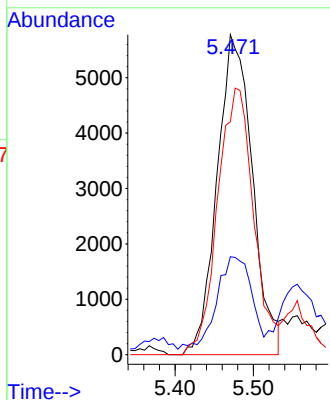
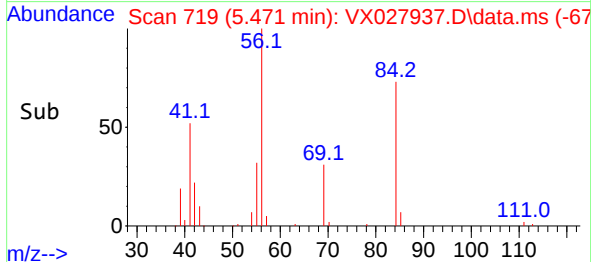
Instrument :
MSVOA_X
ClientSampleId :
MW-2



Tgt Ion: 56 Resp: 1808
Ion Ratio Lower Upper
56 100
69 28.9 26.7 40.1
84 72.8 77.2 115.8

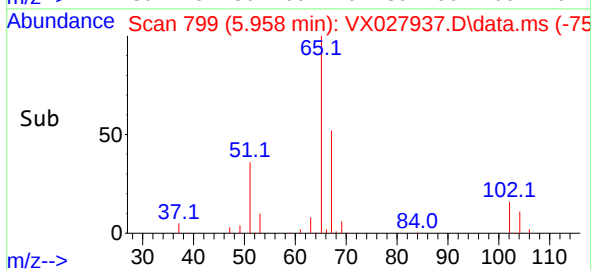
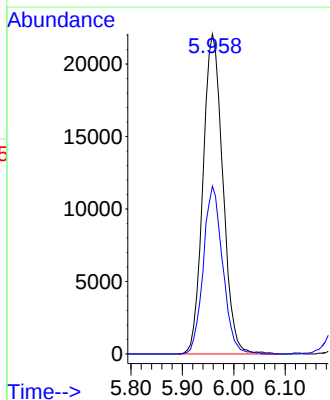
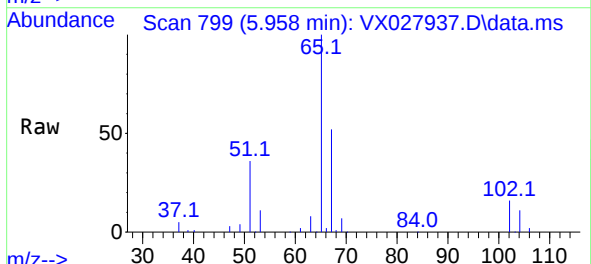
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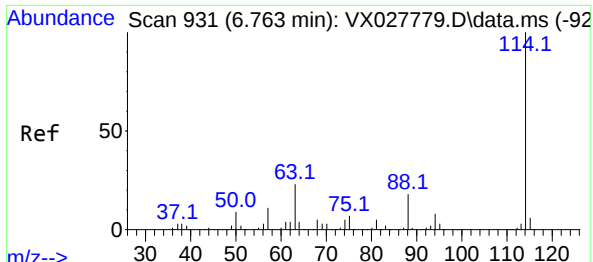
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/04/2022



#33
1,2-Dichloroethane-d4
Concen: 59.465 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027937.D
Acq: 02 Apr 2022 16:42

Tgt Ion: 65 Resp: 59134
Ion Ratio Lower Upper
65 100
67 51.2 0.0 107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX027937.D

Acq: 02 Apr 2022 16:42

Instrument :

MSVOA_X

ClientSampleId :

MW-2

Tgt Ion:114 Resp: 13518

Ion Ratio Lower Upper

114 100

63 21.0 0.0 36.8

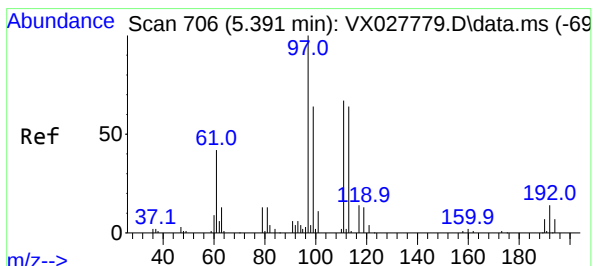
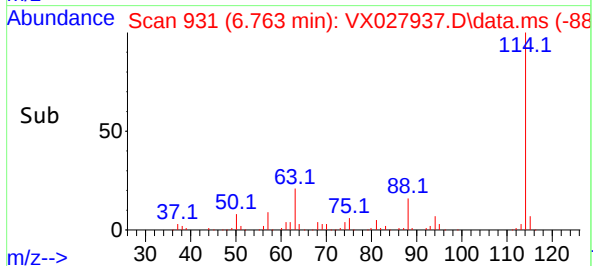
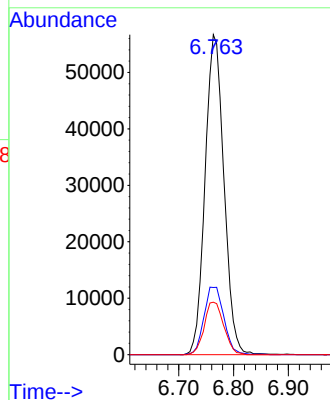
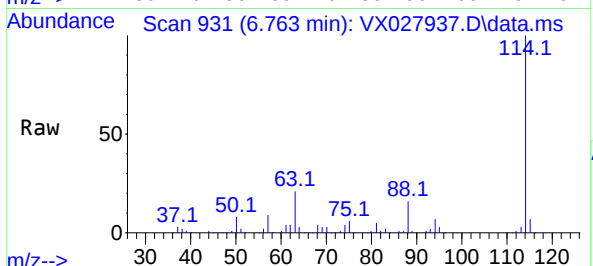
88 16.4 0.0 32.4

Manual Integrations

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Reviewed By :John Carlone 04/04/2022

Supervised By :Mahesh Dadoda 04/04/2022



#35

Dibromofluoromethane

Concen: 52.185 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX027937.D

Acq: 02 Apr 2022 16:42

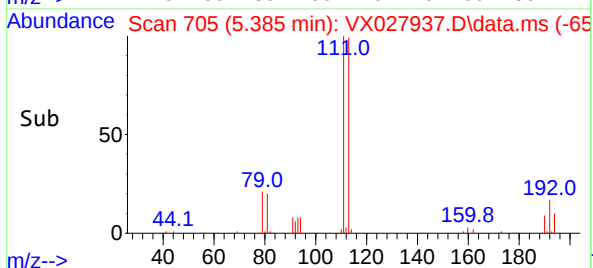
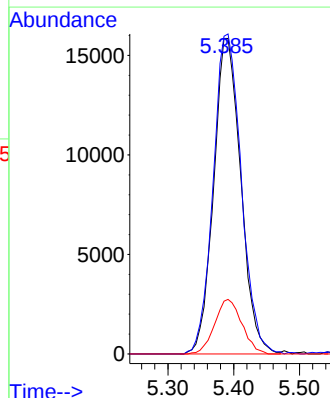
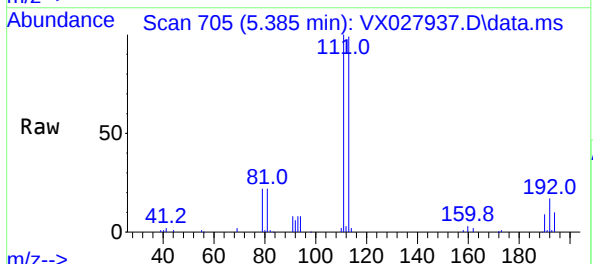
Tgt Ion:113 Resp: 45535

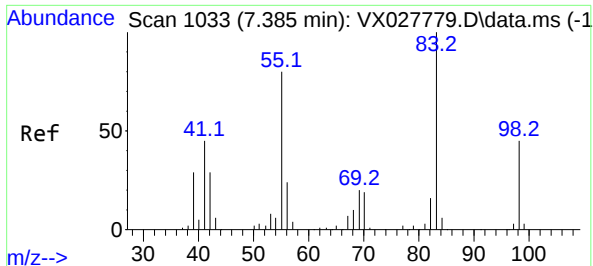
Ion Ratio Lower Upper

113 100

111 104.9 82.8 124.2

192 17.4 16.9 25.3





#39

Methylcyclohexane

Concen: 4.479 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX027937.D

Acq: 02 Apr 2022 16:42

Instrument :

MSVOA_X

ClientSampleId :

MW-2

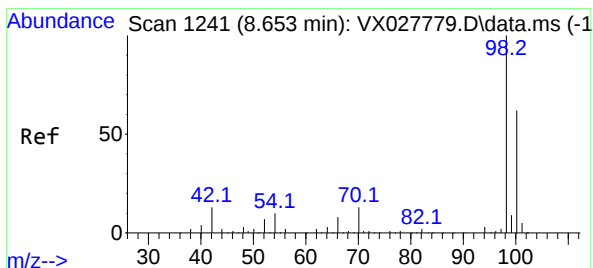
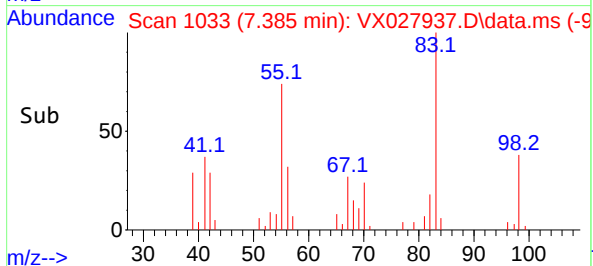
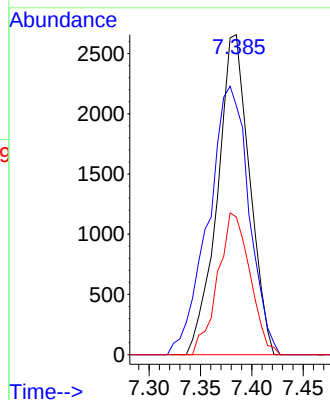
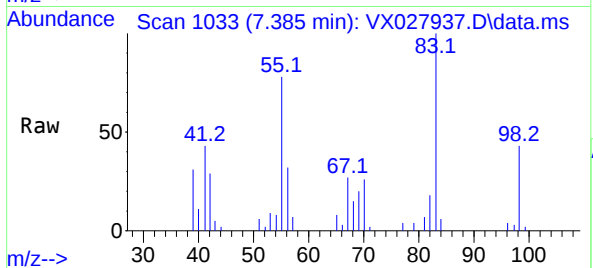
Tgt Ion: 83	Resp: 579
Ion Ratio	Lower Upper
83 100	
55 77.8	54.6 81.8
98 43.0	37.4 56.2

Manual Integrations

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Supervised By :Mahesh Dadoda 04/04/2022



#50

Toluene-d8

Concen: 53.068 ug/l

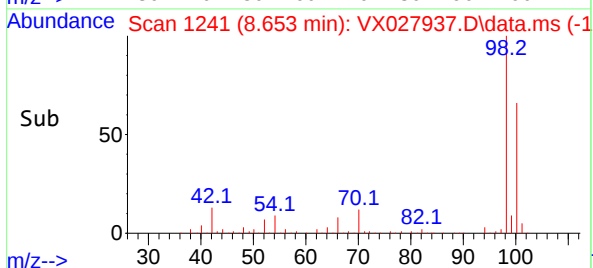
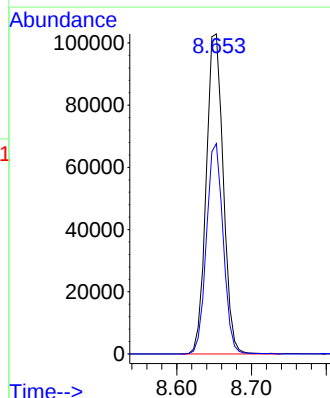
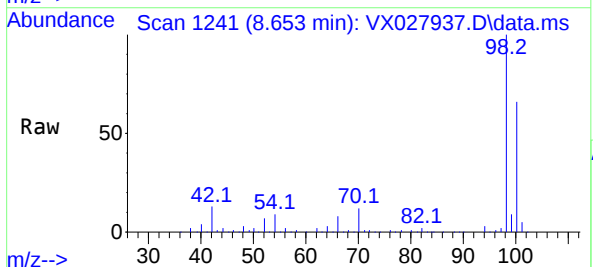
RT: 8.653 min Scan# 1241

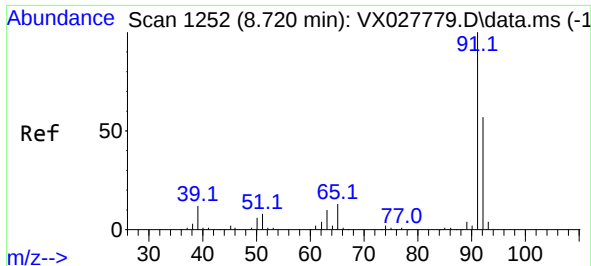
Delta R.T. -0.000 min

Lab File: VX027937.D

Acq: 02 Apr 2022 16:42

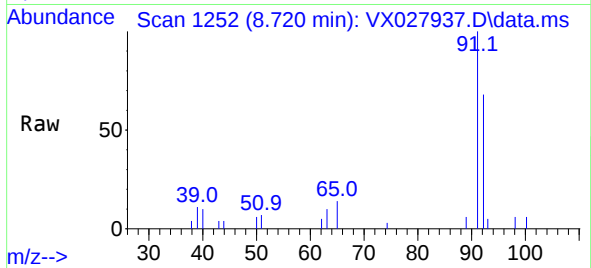
Tgt Ion: 98	Resp: 162922
Ion Ratio	Lower Upper
98 100	
100 64.5	52.6 78.8





#52
Toluene
Concen: 0.966 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX027937.D
Acq: 02 Apr 2022 16:42

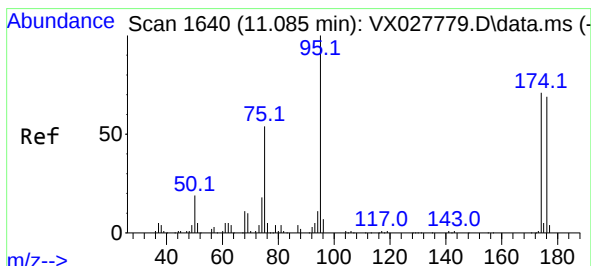
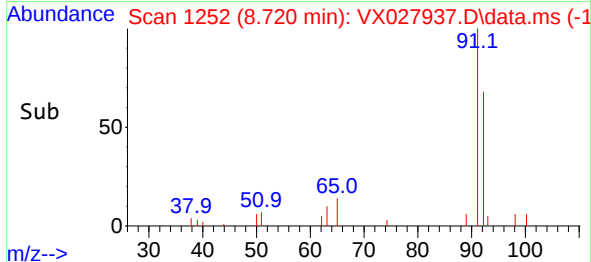
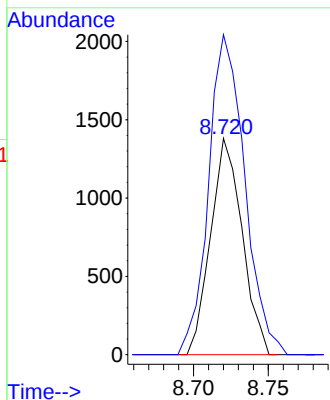
Instrument :
MSVOA_X
ClientSampleId :
MW-2



Tgt Ion: 92 Resp: 2020
Ion Ratio Lower Upper
92 100
91 169.4 137.5 206.3

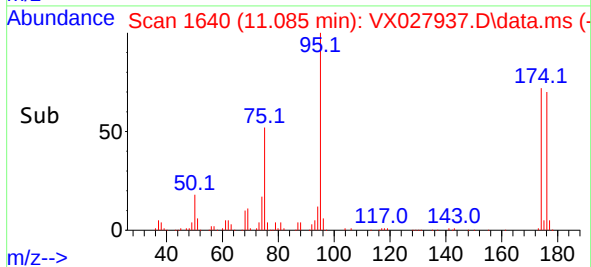
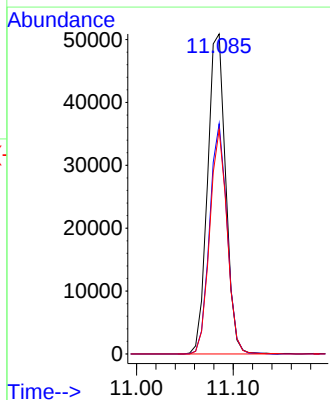
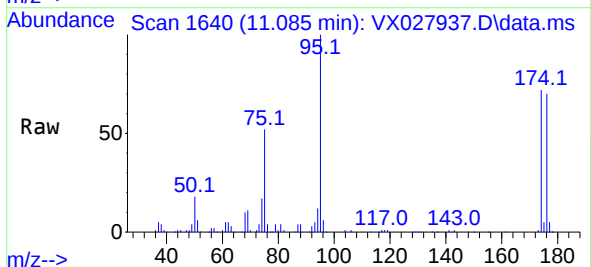
Manual Integrations
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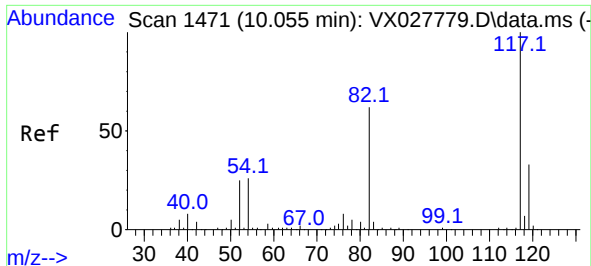
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/04/2022



#62
4-Bromofluorobenzene
Concen: 50.817 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027937.D
Acq: 02 Apr 2022 16:42

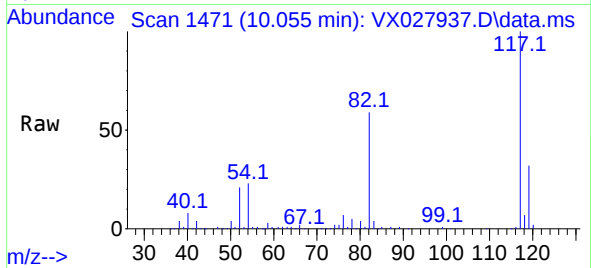
Tgt Ion: 95 Resp: 66299
Ion Ratio Lower Upper
95 100
174 69.3 0.0 163.0
176 67.0 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027937.D
Acq: 02 Apr 2022 16:42

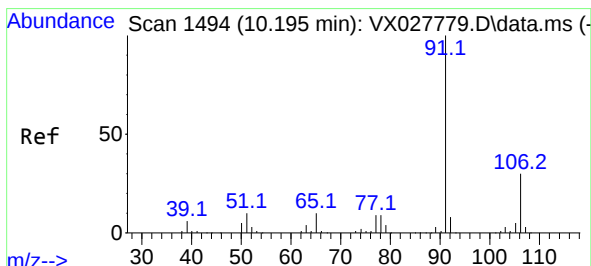
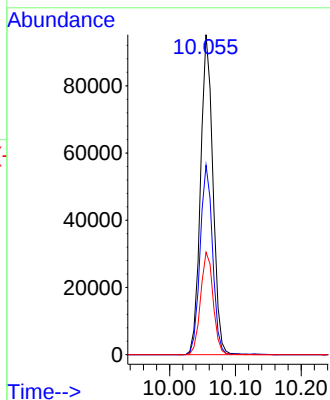
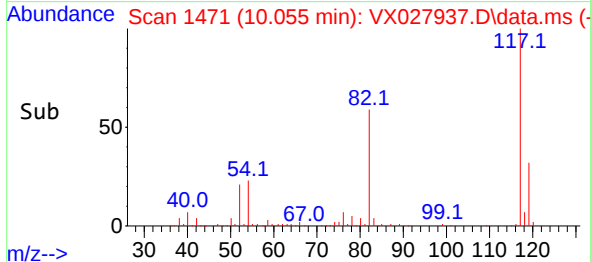
Instrument :
MSVOA_X
ClientSampleId :
MW-2



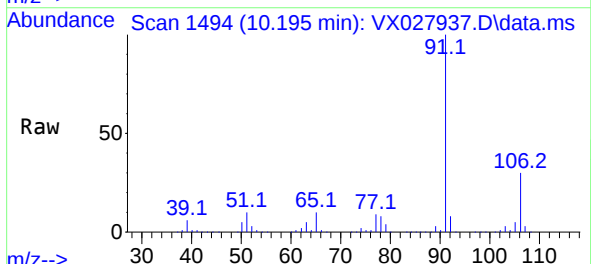
Tgt Ion: 117 Resp: 12437
Ion Ratio Lower Upper
117 100
82 59.2 41.8 62.8
119 32.0 24.8 37.2

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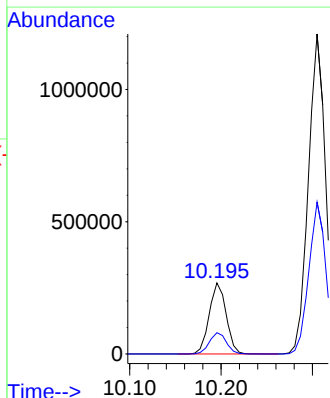
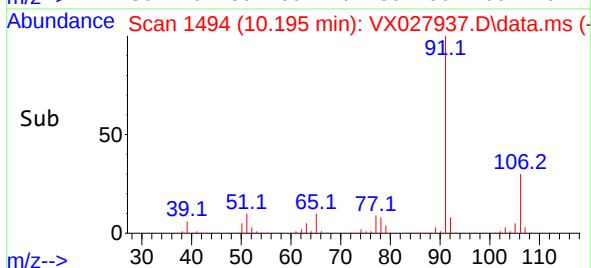
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/04/2022

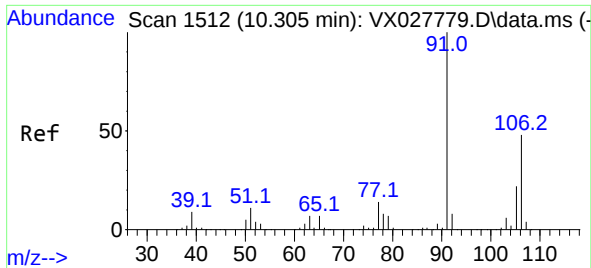


#67
Ethyl Benzene
Concen: 77.512 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027937.D
Acq: 02 Apr 2022 16:42



Tgt Ion: 91 Resp: 344504
Ion Ratio Lower Upper
91 100
106 30.0 24.6 36.8





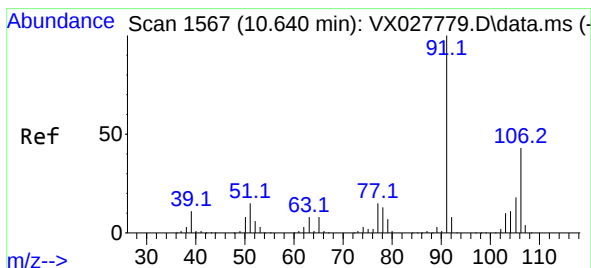
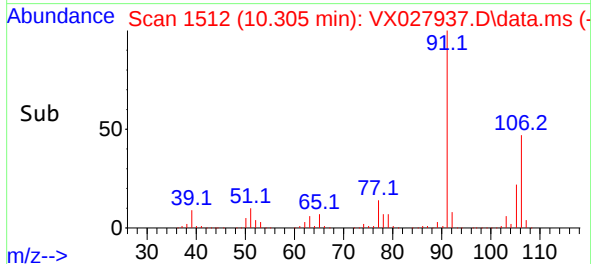
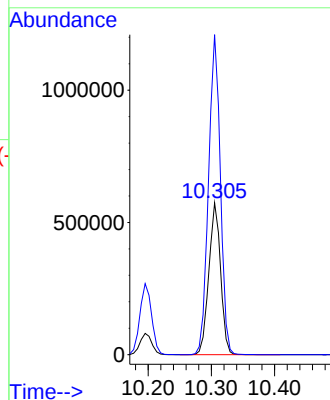
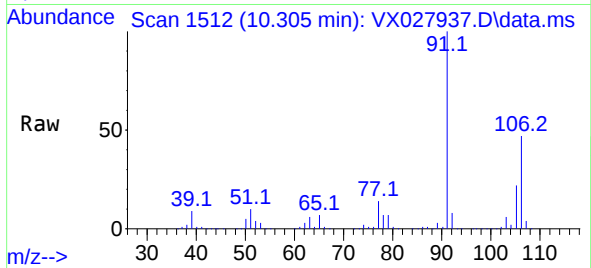
#68
m/p-Xylenes
Concen: 455.004 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX027937.D
Acq: 02 Apr 2022 16:42

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion:106 Resp: 743772
Ion Ratio Lower Upper
106 100
91 212.1 160.4 240.6

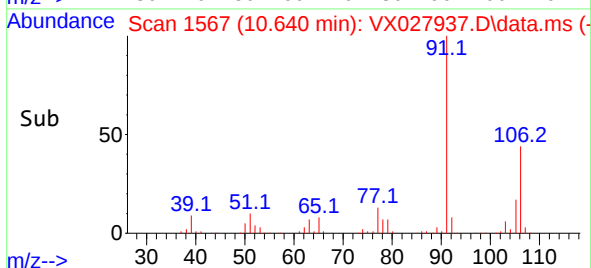
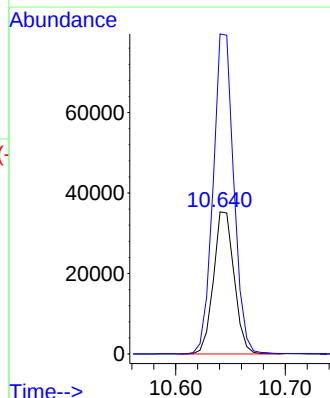
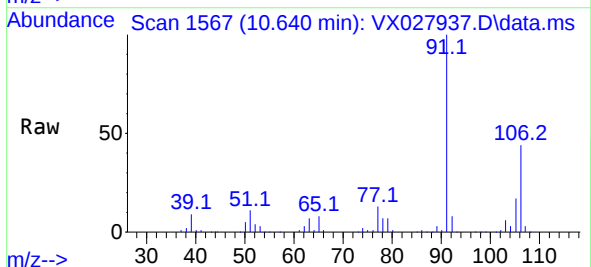
Manual Integrations
APPROVED

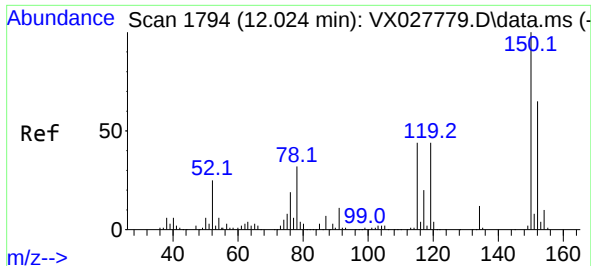
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/04/2022



#69
o-Xylene
Concen: 28.904 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX027937.D
Acq: 02 Apr 2022 16:42

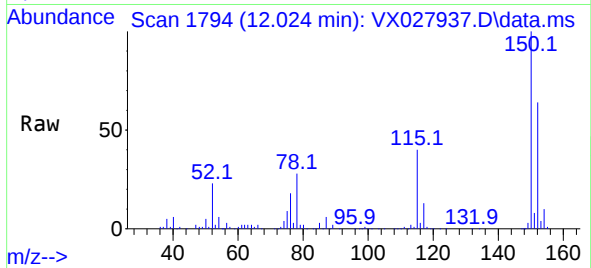
Tgt Ion:106 Resp: 46148
Ion Ratio Lower Upper
106 100
91 226.3 106.1 318.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027937.D
Acq: 02 Apr 2022 16:42

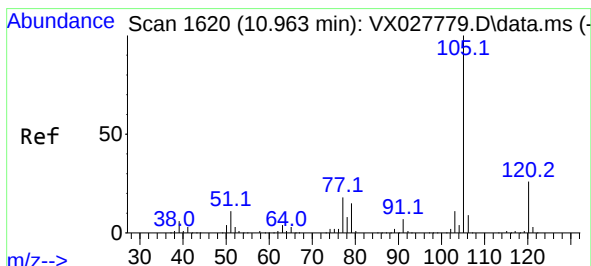
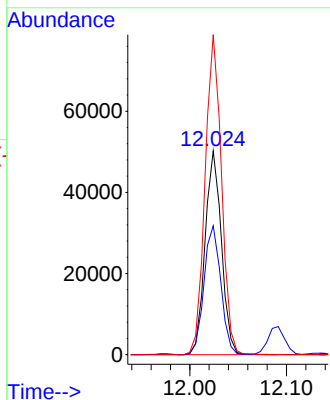
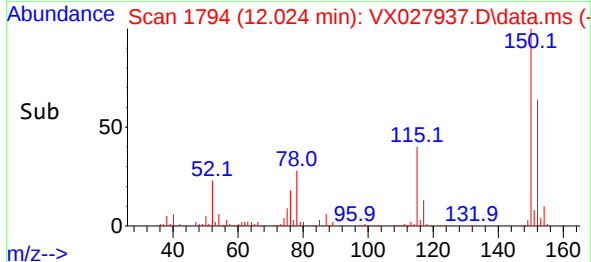
Instrument :
MSVOA_X
ClientSampleId :
MW-2



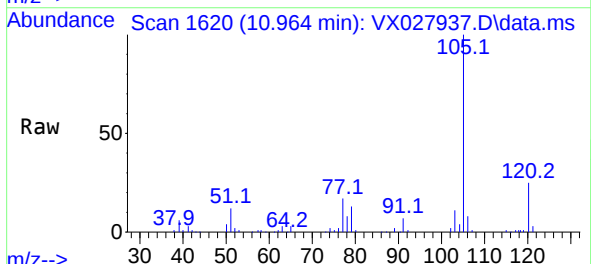
Tgt Ion:152 Resp: 5912
Ion Ratio Lower Upper
152 100
115 65.2 37.5 112.7
150 157.5 0.0 338.2

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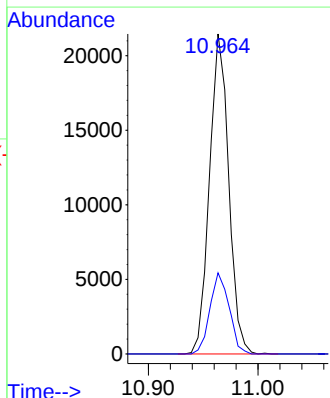
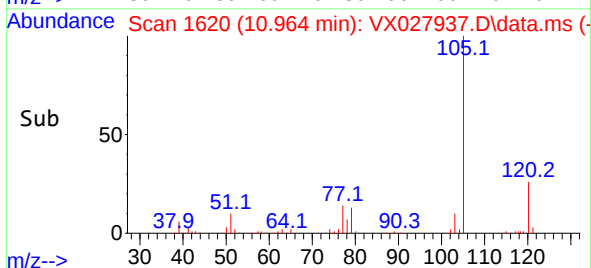
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/04/2022

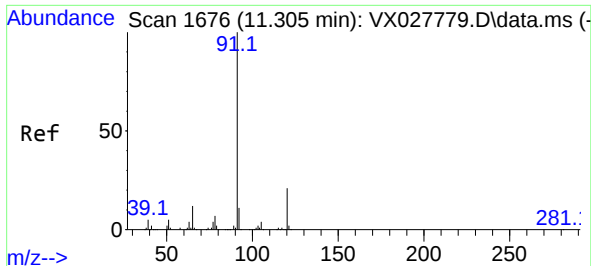


#73
Isopropylbenzene
Concen: 5.932 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX027937.D
Acq: 02 Apr 2022 16:42



Tgt Ion:105 Resp: 26117
Ion Ratio Lower Upper
105 100
120 25.3 13.5 40.5





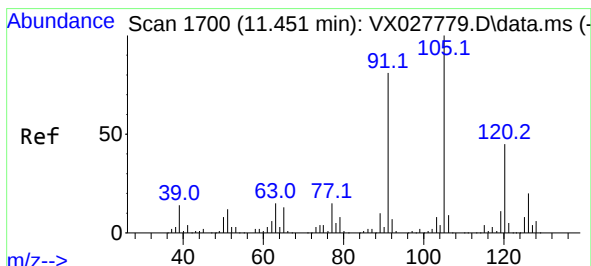
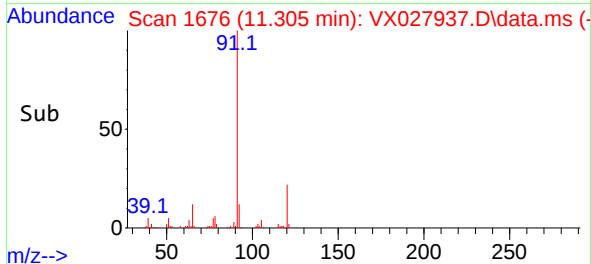
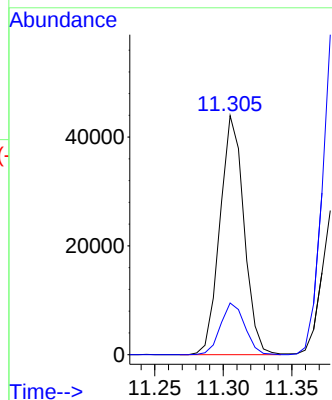
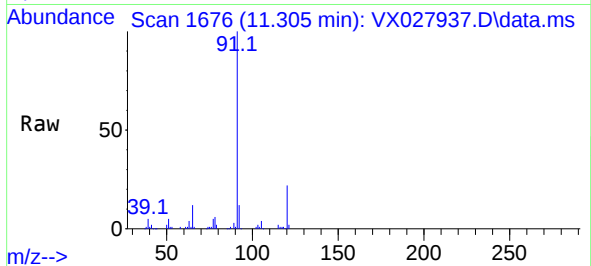
#78
n-propylbenzene
Concen: 10.214 ug/l
RT: 11.305 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX027937.D
Acq: 02 Apr 2022 16:42

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 91 Resp: 53719
Ion Ratio Lower Upper
91 100
120 21.9 11.6 34.8

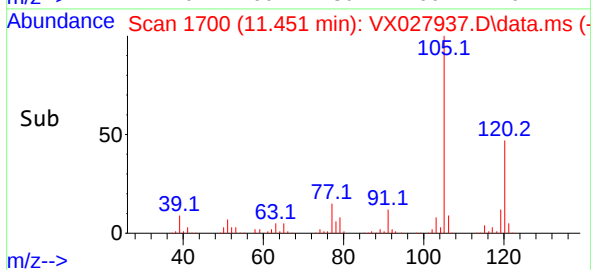
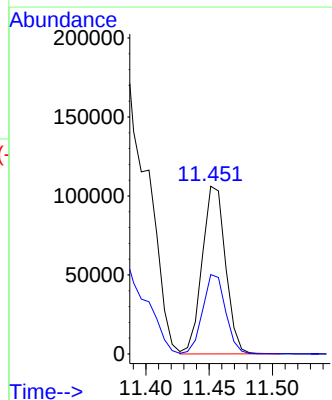
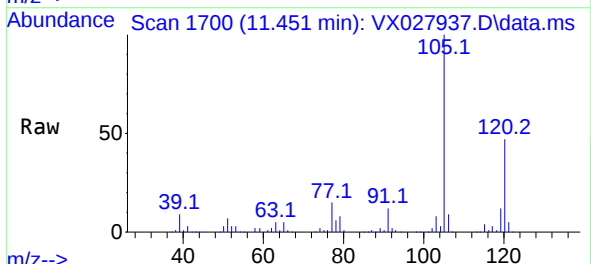
Manual Integrations
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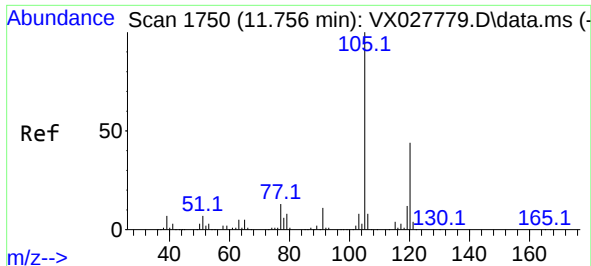
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/04/2022



#80
1,3,5-Trimethylbenzene
Concen: 35.815 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027937.D
Acq: 02 Apr 2022 16:42

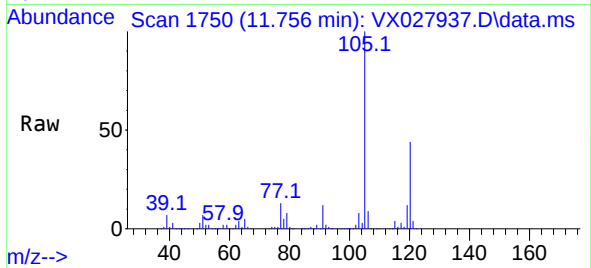
Tgt Ion:105 Resp: 136811
Ion Ratio Lower Upper
105 100
120 46.6 24.3 72.9





#84
1,2,4-Trimethylbenzene
Concen: 162.260 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX027937.D
Acq: 02 Apr 2022 16:42

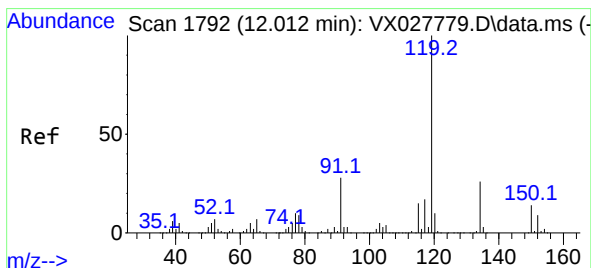
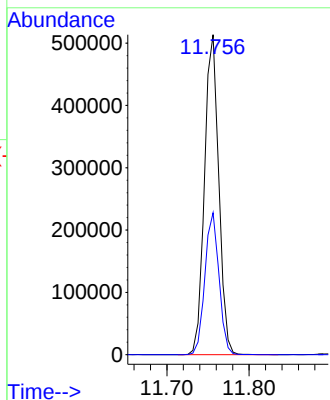
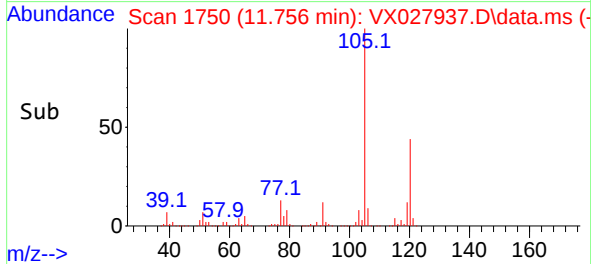
Instrument :
MSVOA_X
ClientSampleId :
MW-2



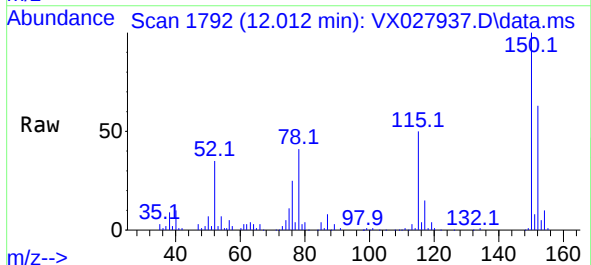
Tgt Ion:105 Resp: 618038
Ion Ratio Lower Upper
105 100
120 43.9 22.6 67.8

Manual Integrations
APPROVED

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



#86
p-Isopropyltoluene
Concen: 0.271 ug/l m
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX027937.D
Acq: 02 Apr 2022 16:42



Tgt Ion:119 Resp: 1027
Ion Ratio Lower Upper
119 100
134 90.7 13.0 39.0#
91 0.0 11.3 33.9#

