

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040222\
 Data File : VX027938.D
 Acq On : 02 Apr 2022 17:05
 Operator : JC/MD
 Sample : N2249-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2D

Manual Integrations
 APPROVED

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

Quant Time: Apr 04 06:10:42 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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	83293	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	147770	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	137549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61769	57.475	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 114.960%			
35) Dibromofluoromethane	5.391	113	49164	51.544	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.080%			
50) Toluene-d8	8.653	98	159666	47.577	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.160%			
62) 4-Bromofluorobenzene	11.085	95	73936	51.843	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.680%			
Target Compounds						Qvalue
25) 2-Butanone	4.562	43	4368	6.311	ug/l	92
31) Cyclohexane	5.477	56	140059	117.895	ug/l #	89
39) Methylcyclohexane	7.385	83	96333	68.143	ug/l #	89
40) Benzene	6.044	78	17082	4.692	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	5536	3.345	ug/l	92
52) Toluene	8.726	92	1608198	701.293	ug/l	99
59) 2-Hexanone	9.433	43	7583	5.951	ug/l	80
67) Ethyl Benzene	10.201	91	3344105	680.340	ug/l	96
68) m/p-Xylenes	10.317	106	4545027	2514.091	ug/l	92
69) o-Xylene	10.653	106	1710059	968.452	ug/l	99
73) Isopropylbenzene	10.963	105	239248	46.640	ug/l	98
78) n-propylbenzene	11.305	91	811032	132.338	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	1301916	292.492	ug/l	99
84) 1,2,4-Trimethylbenzene	11.762	105	4694894	1057.826	ug/l	98
85) sec-Butylbenzene	11.890	105	33123m	6.236	ug/l	
86) p-Isopropyltoluene	12.012	119	16566m	3.749	ug/l	

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

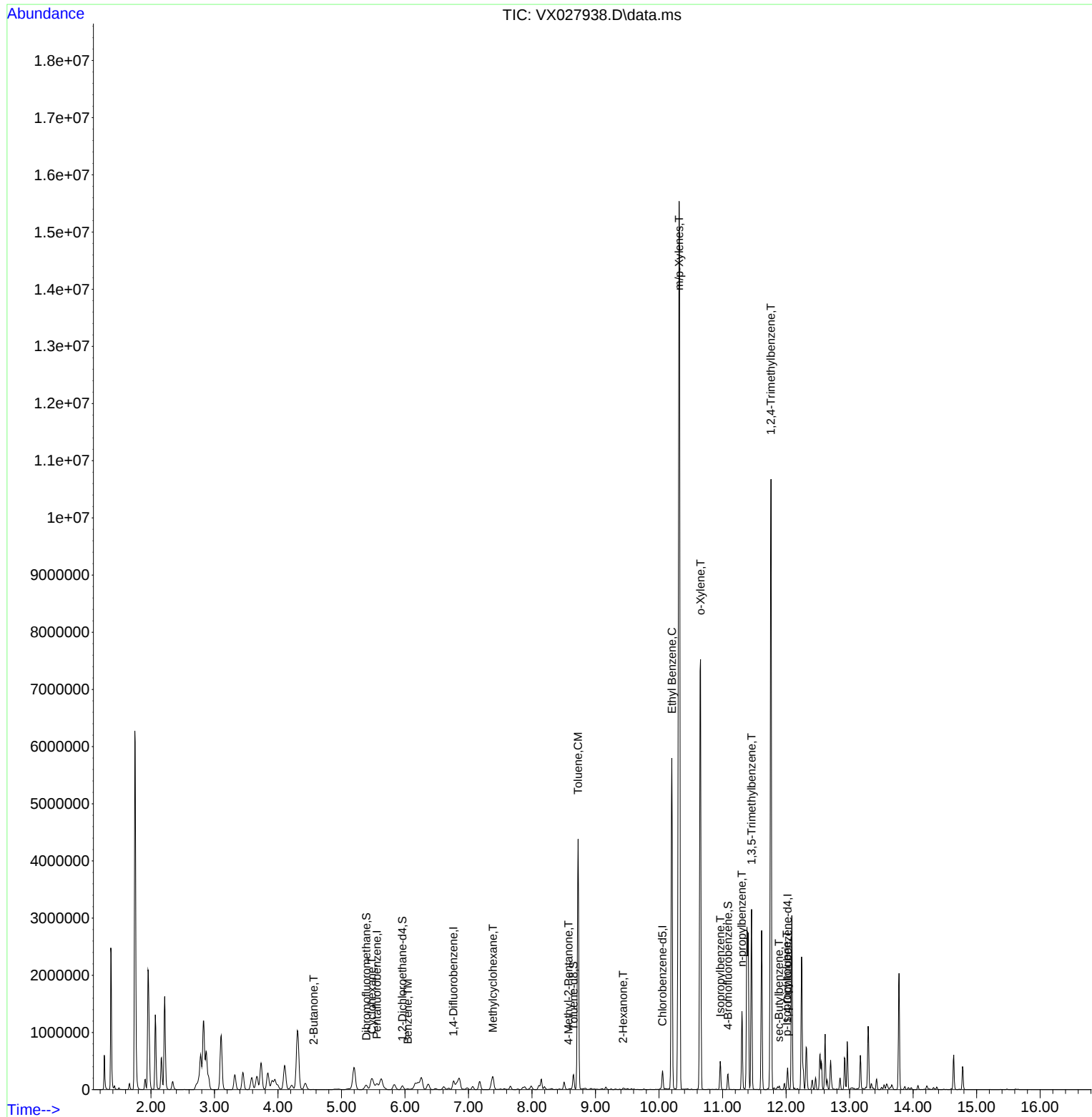
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040222\
Data File : VX027938.D
Acq On : 02 Apr 2022 17:05
Operator : JC/MD
Sample : N2249-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

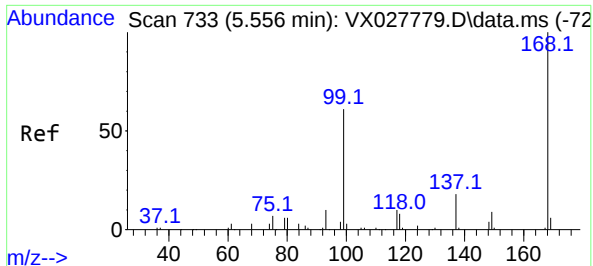
Instrument :
MSVOA_X
ClientSampleId :
MW-2D

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

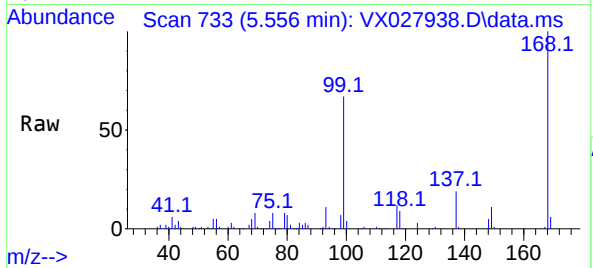
Quant Time: Apr 04 06:10:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 04:39:27 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027938.D
Acq: 02 Apr 2022 17:05

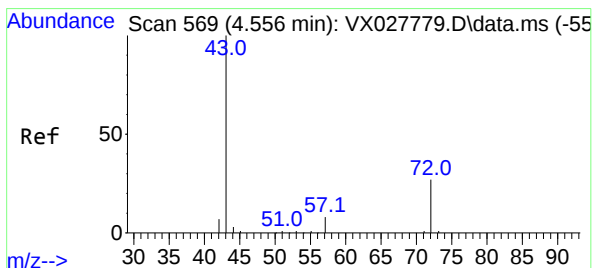
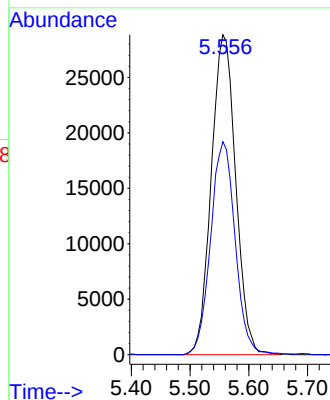
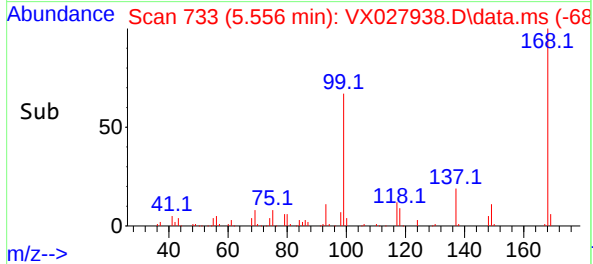
Instrument :
MSVOA_X
ClientSampleId :
MW-2D



Tgt Ion:168 Resp: 8329
Ion Ratio Lower Upper
168 100
99 66.6 41.7 62.5

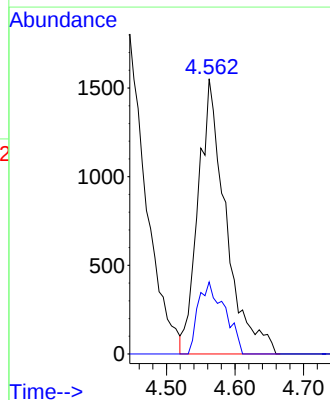
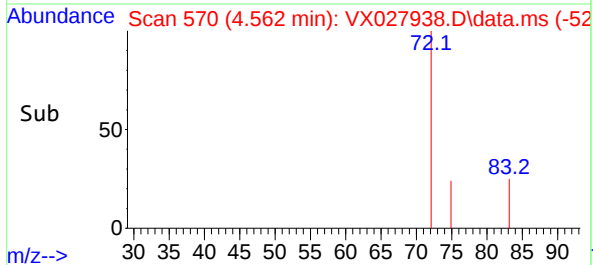
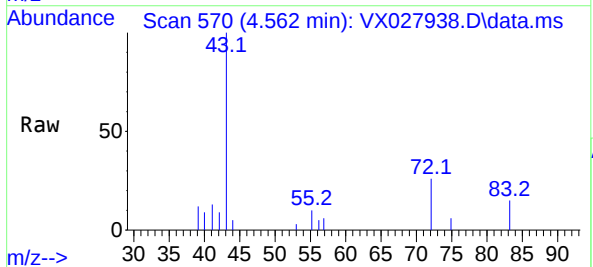
Manual Integrations
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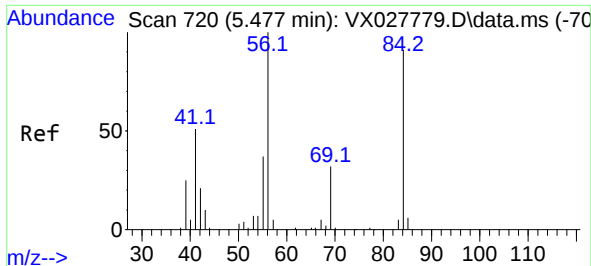
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/04/2022



#25
2-Butanone
Concen: 6.311 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX027938.D
Acq: 02 Apr 2022 17:05

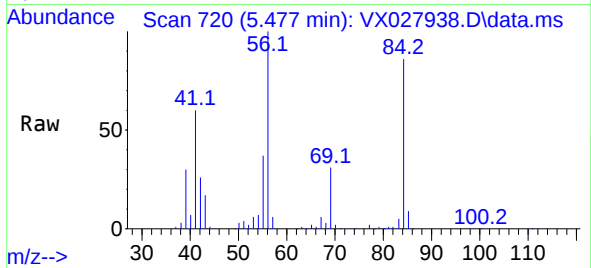
Tgt Ion: 43 Resp: 4368
Ion Ratio Lower Upper
43 100
72 26.2 24.4 36.6





#31
Cyclohexane
Concen: 117.895 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.000 min
Lab File: VX027938.D
Acq: 02 Apr 2022 17:05

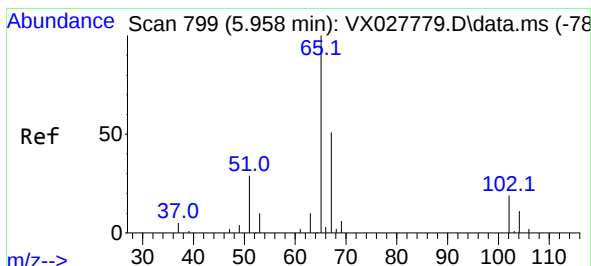
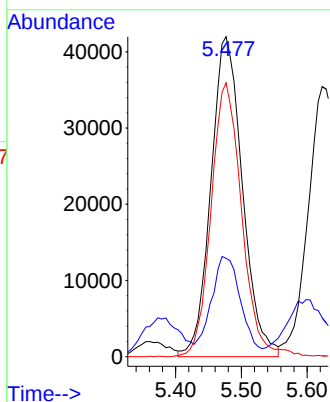
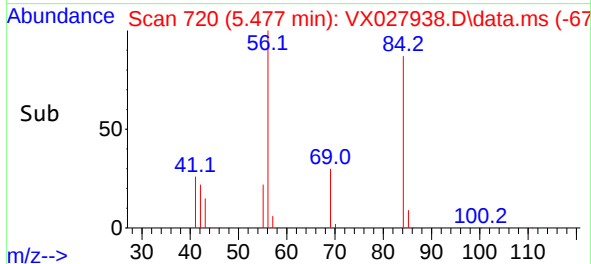
Instrument :
MSVOA_X
ClientSampleId :
MW-2D



Tgt Ion: 56 Resp: 140059
Ion Ratio Lower Upper
56 100
69 25.4 26.7 40.1
84 86.8 77.2 115.8

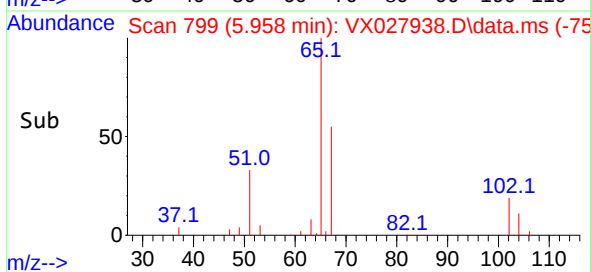
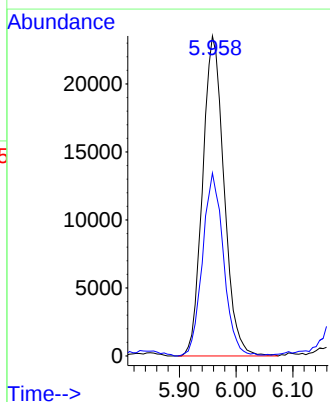
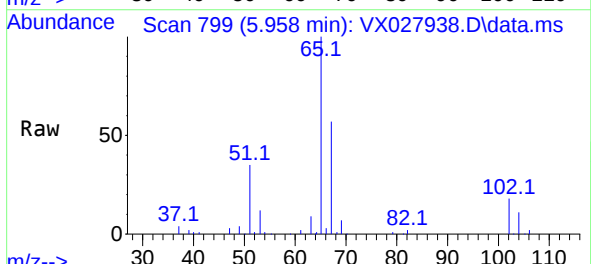
Manual Integrations
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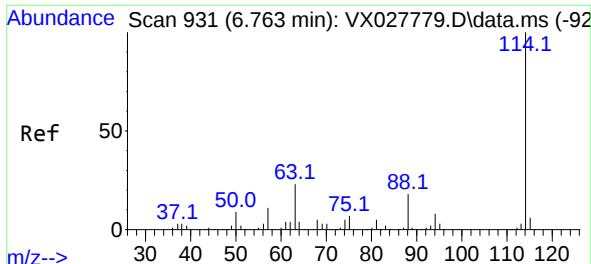
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/04/2022



#33
1,2-Dichloroethane-d4
Concen: 57.475 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027938.D
Acq: 02 Apr 2022 17:05

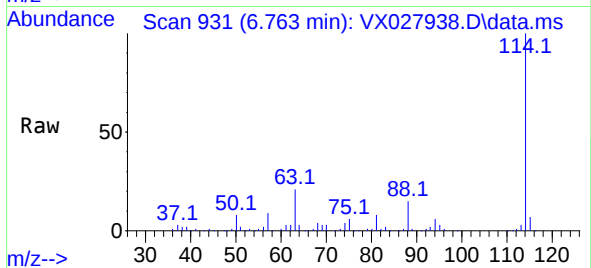
Tgt Ion: 65 Resp: 61769
Ion Ratio Lower Upper
65 100
67 55.9 0.0 107.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX027938.D
Acq: 02 Apr 2022 17:05

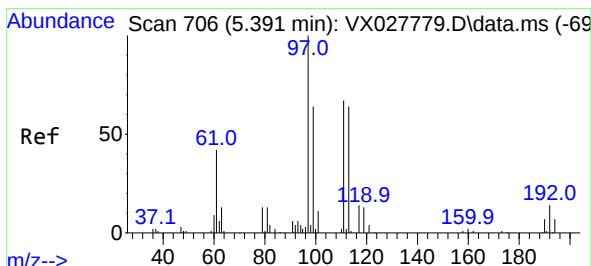
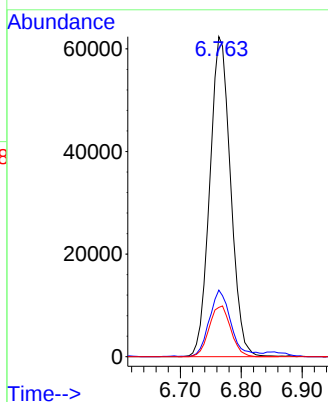
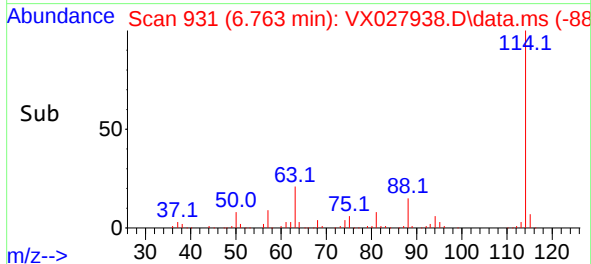
Instrument :
MSVOA_X
ClientSampleId :
MW-2D



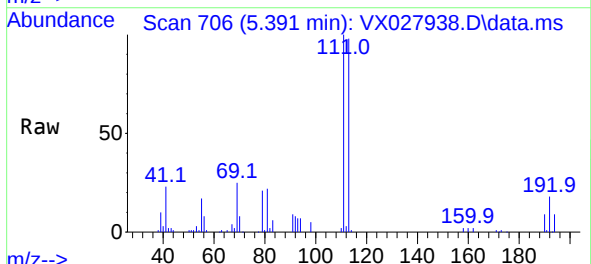
Tgt Ion:114 Resp: 147770
Ion Ratio Lower Upper
114 100
63 20.7 0.0 36.8
88 15.4 0.0 32.4

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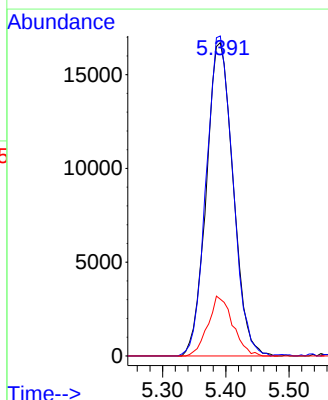
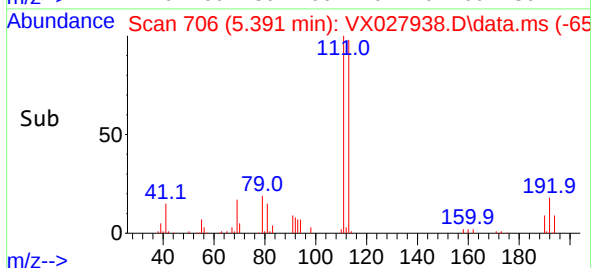
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/04/2022

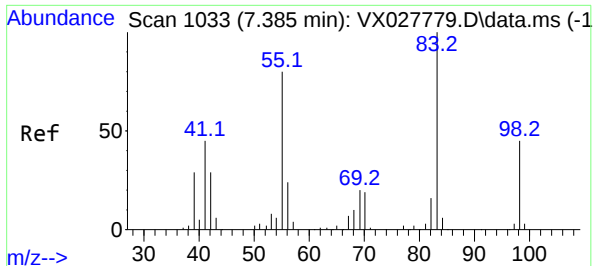


#35
Dibromofluoromethane
Concen: 51.544 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027938.D
Acq: 02 Apr 2022 17:05



Tgt Ion:113 Resp: 49164
Ion Ratio Lower Upper
113 100
111 100.9 82.8 124.2
192 17.7 16.9 25.3





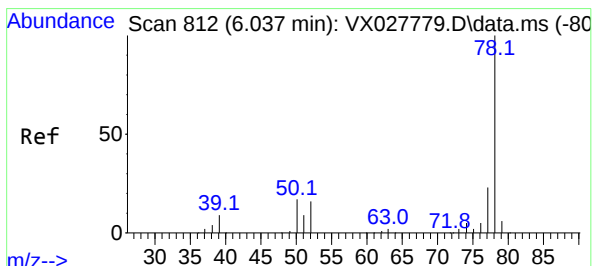
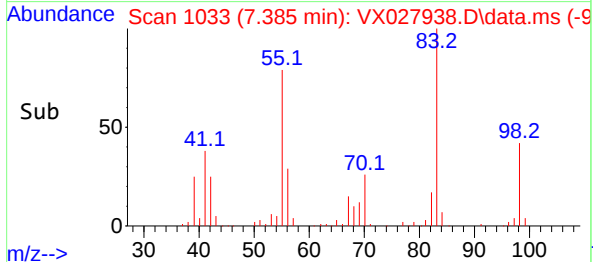
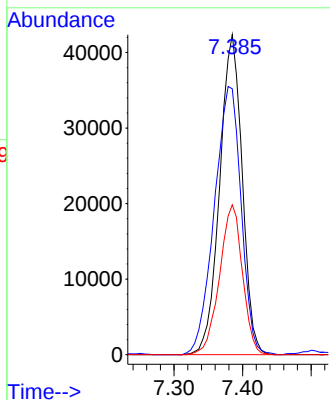
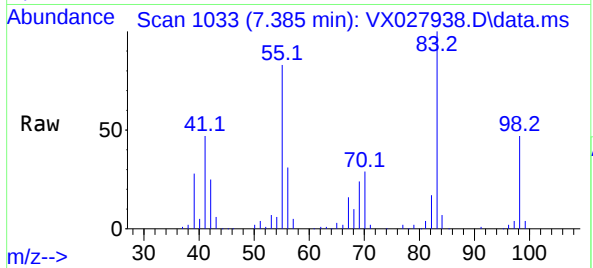
#39
Methylcyclohexane
Concen: 68.143 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX027938.D
Acq: 02 Apr 2022 17:05

Instrument :
MSVOA_X
ClientSampleId :
MW-2D

Tgt Ion: 83 Resp: 9633
Ion Ratio Lower Upper
83 100
55 83.1 54.6 81.8
98 46.9 37.4 56.2

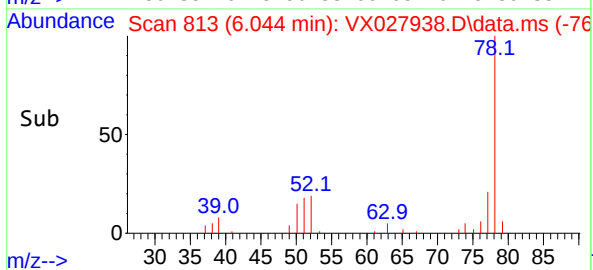
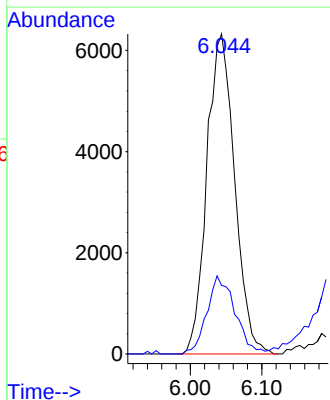
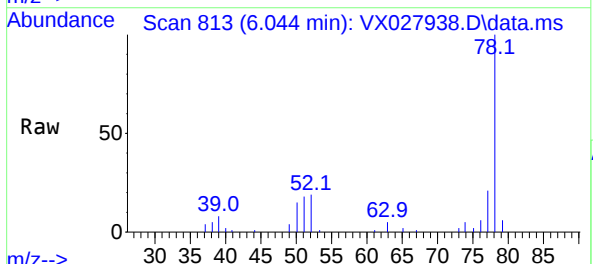
Manual Integrations
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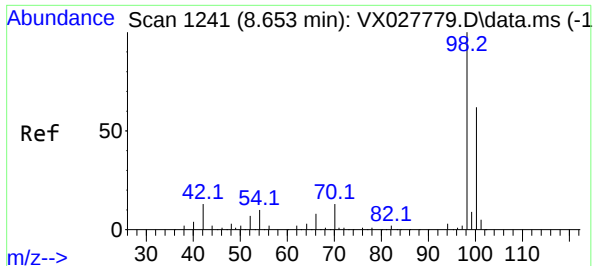
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/04/2022



#40
Benzene
Concen: 4.692 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.007 min
Lab File: VX027938.D
Acq: 02 Apr 2022 17:05

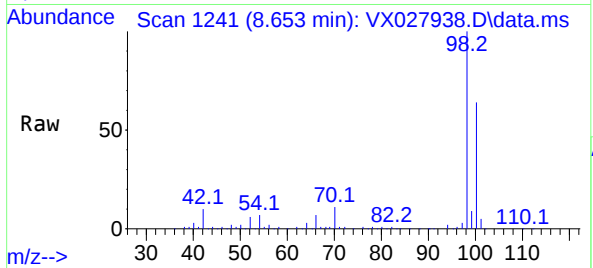
Tgt Ion: 78 Resp: 17082
Ion Ratio Lower Upper
78 100
77 21.4 19.3 28.9





#50
Toluene-d8
Concen: 47.577 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027938.D
Acq: 02 Apr 2022 17:05

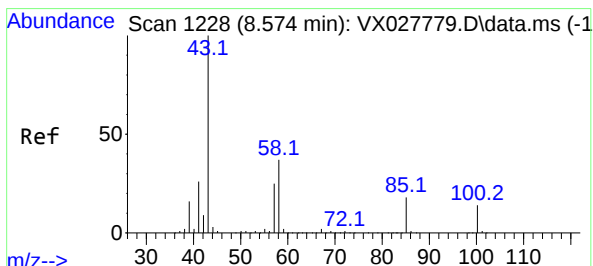
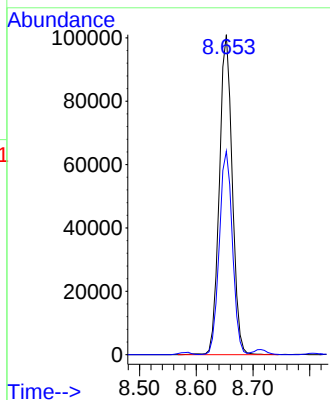
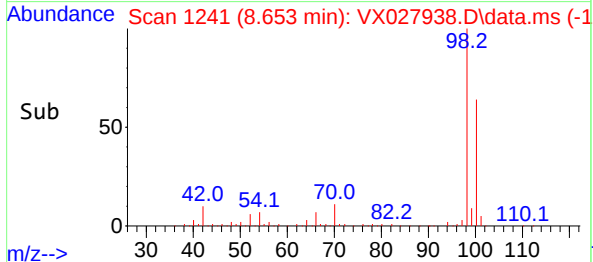
Instrument :
MSVOA_X
ClientSampleId :
MW-2D



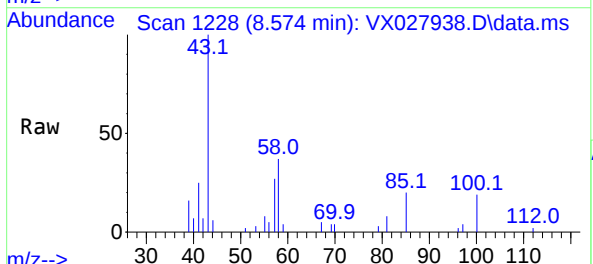
Tgt Ion: 98 Resp: 15966
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8

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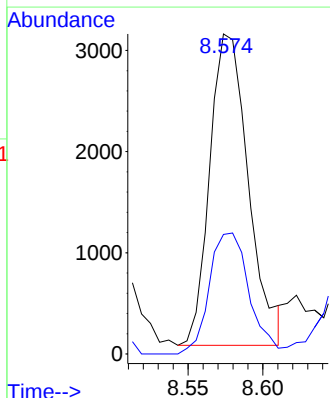
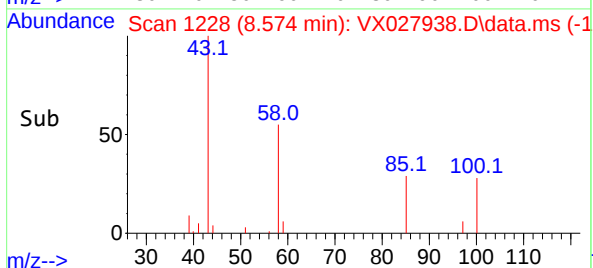
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/04/2022

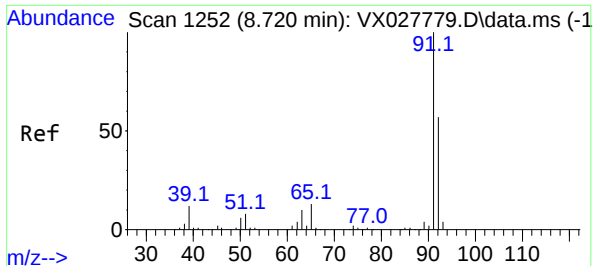


#51
4-Methyl-2-Pentanone
Concen: 3.345 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX027938.D
Acq: 02 Apr 2022 17:05



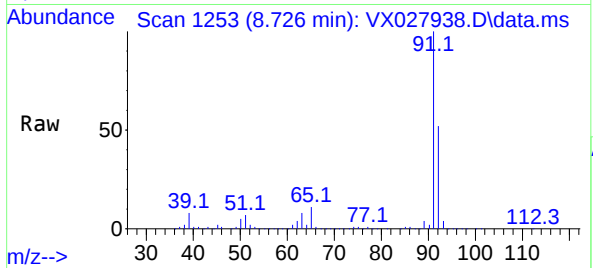
Tgt Ion: 43 Resp: 5536
Ion Ratio Lower Upper
43 100
58 40.2 36.1 54.1





#52
Toluene
Concen: 701.293 ug/l
RT: 8.726 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX027938.D
Acq: 02 Apr 2022 17:05

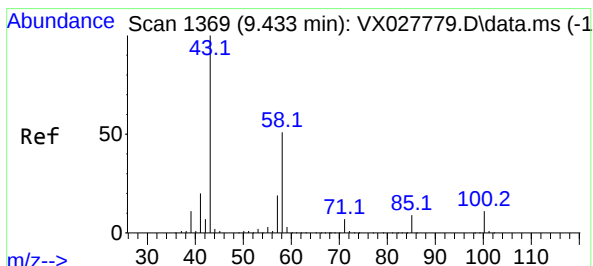
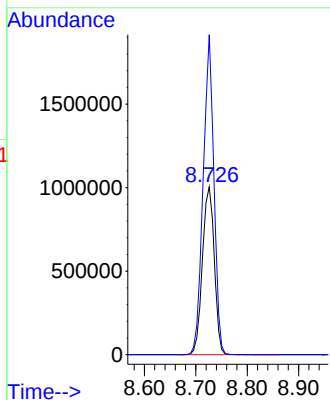
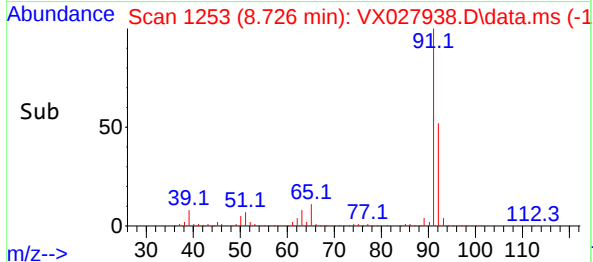
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 92 Resp: 1608198
Ion Ratio Lower Upper
92 100
91 173.0 137.5 206.3

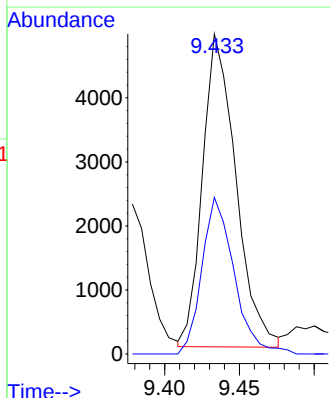
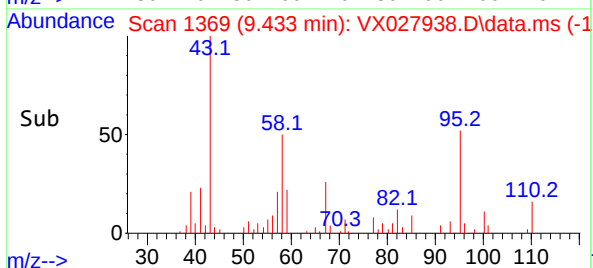
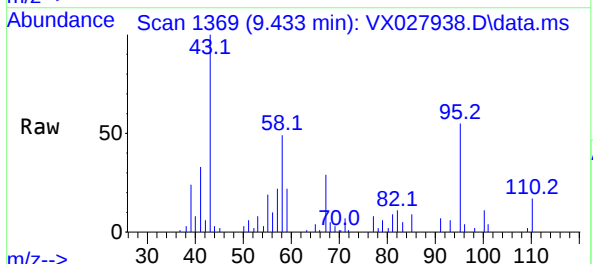
Manual Integrations
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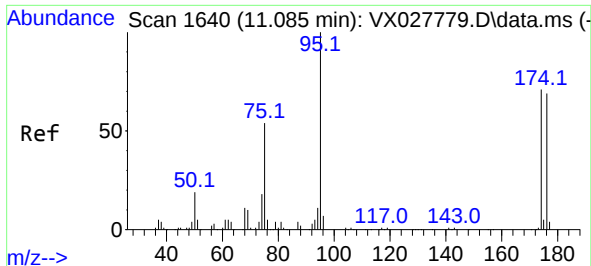
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/04/2022



#59
2-Hexanone
Concen: 5.951 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX027938.D
Acq: 02 Apr 2022 17:05

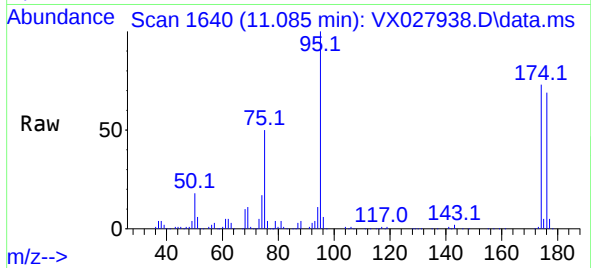
Tgt Ion: 43 Resp: 7583
Ion Ratio Lower Upper
43 100
58 48.1 31.9 95.7





#62
4-Bromofluorobenzene
Concen: 51.843 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027938.D
Acq: 02 Apr 2022 17:05

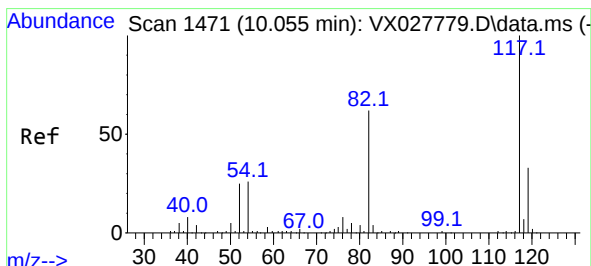
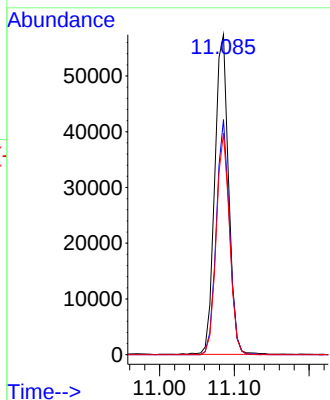
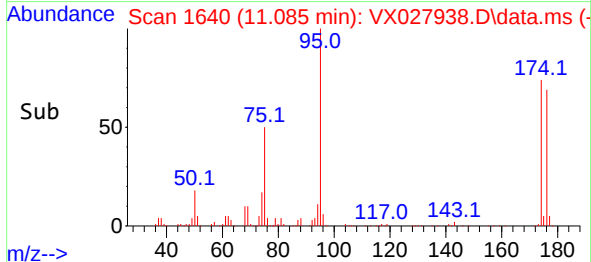
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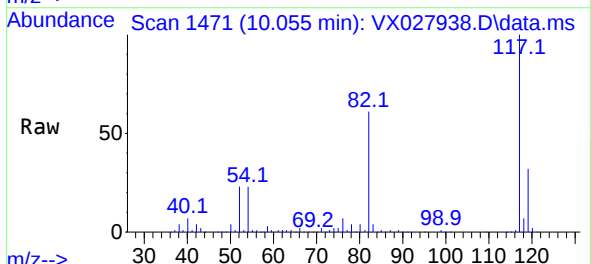
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Ion Ratio Lower Upper
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176 66.4 0.0 155.0

Manual Integrations
APPROVED

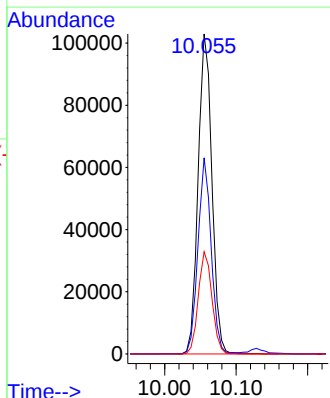
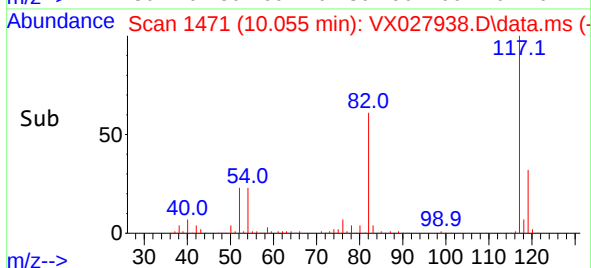
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/04/2022

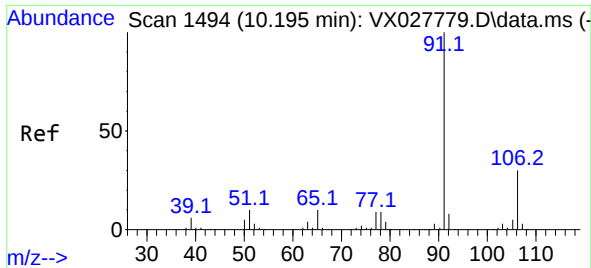


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027938.D
Acq: 02 Apr 2022 17:05



Tgt Ion:117 Resp: 137549
Ion Ratio Lower Upper
117 100
82 61.2 41.8 62.8
119 32.0 24.8 37.2





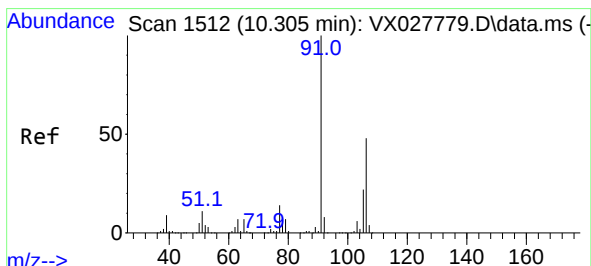
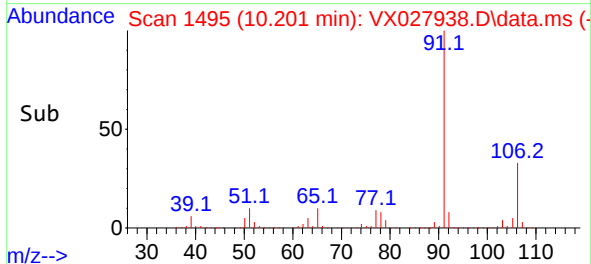
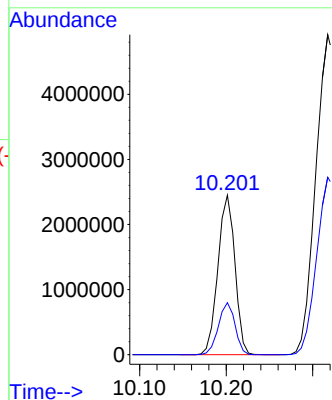
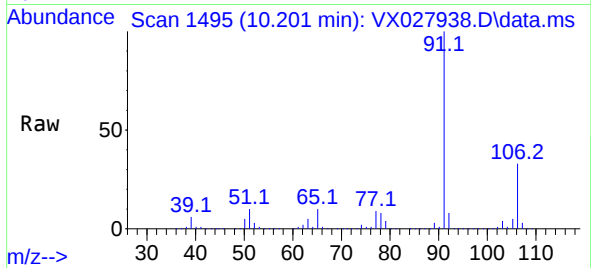
#67
Ethyl Benzene
Concen: 680.340 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX027938.D
Acq: 02 Apr 2022 17:05

Instrument :
MSVOA_X
ClientSampleId :
MW-2D

Tgt Ion: 91 Resp: 334410
Ion Ratio Lower Upper
91 100
106 32.7 24.6 36.8

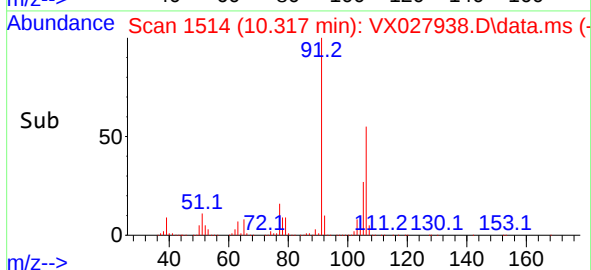
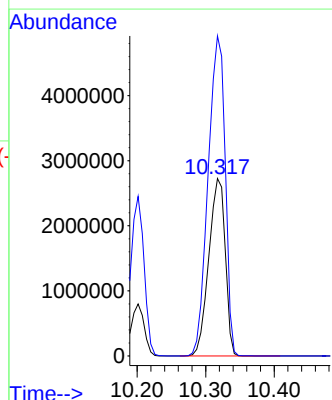
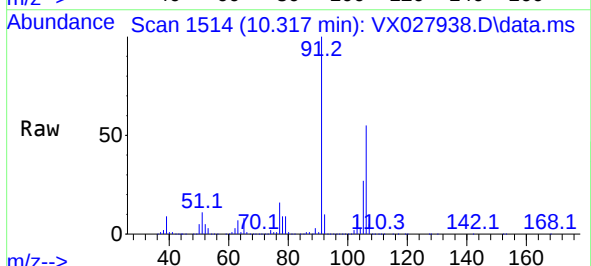
Manual Integrations
APPROVED

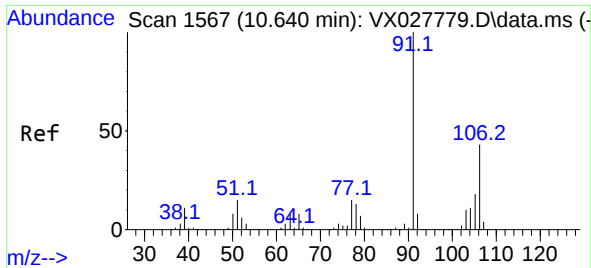
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/04/2022



#68
m/p-Xylenes
Concen: 2514.091 ug/l
RT: 10.317 min Scan# 1514
Delta R.T. 0.012 min
Lab File: VX027938.D
Acq: 02 Apr 2022 17:05

Tgt Ion:106 Resp: 4545027
Ion Ratio Lower Upper
106 100
91 187.7 160.4 240.6





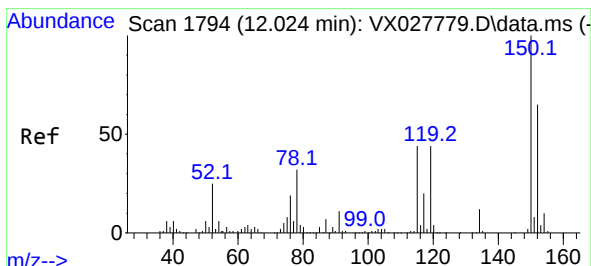
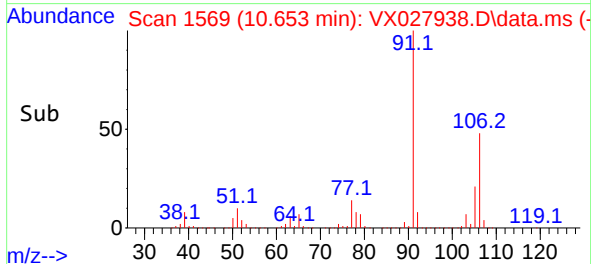
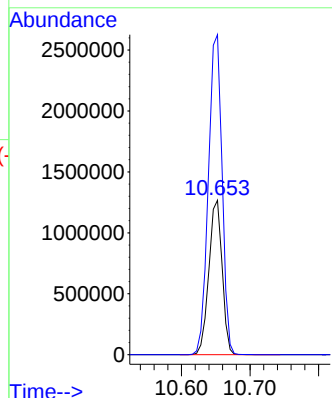
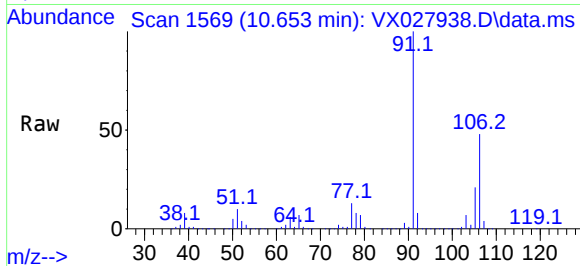
#69
o-Xylene
Concen: 968.452 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.013 min
Lab File: VX027938.D
Acq: 02 Apr 2022 17:05

Instrument :
MSVOA_X
ClientSampleId :
MW-2D

Tgt Ion:106 Resp: 1710059
Ion Ratio Lower Upper
106 100
91 213.9 106.1 318.1

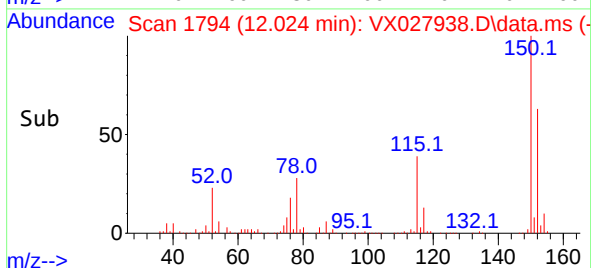
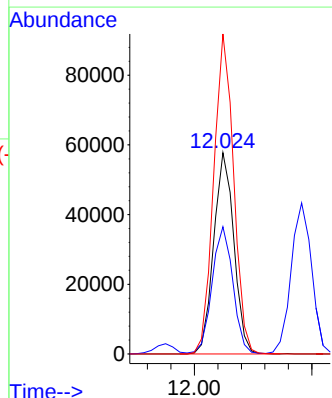
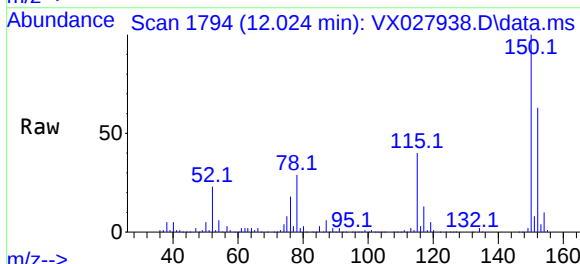
Manual Integrations
APPROVED

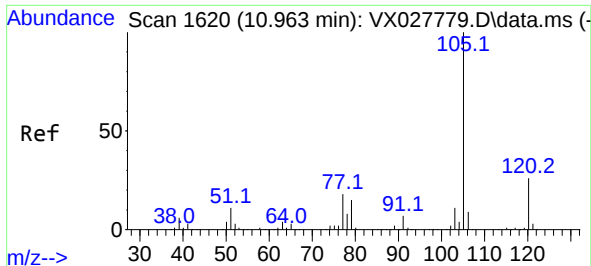
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/04/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027938.D
Acq: 02 Apr 2022 17:05

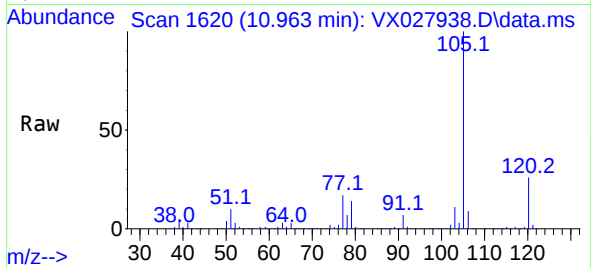
Tgt Ion:152 Resp: 68896
Ion Ratio Lower Upper
152 100
115 64.4 37.5 112.7
150 157.1 0.0 338.2





#73
Isopropylbenzene
Concen: 46.640 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX027938.D
Acq: 02 Apr 2022 17:05

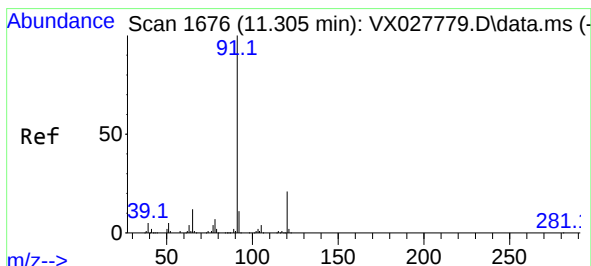
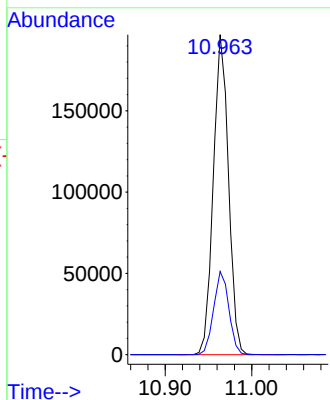
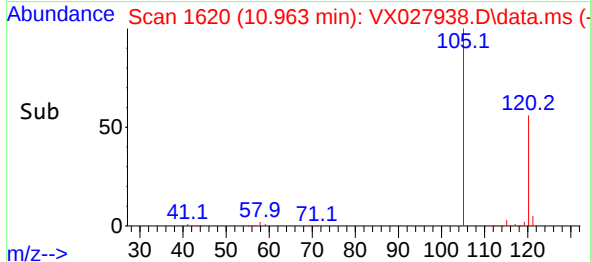
Instrument :
MSVOA_X
ClientSampleId :
MW-2D



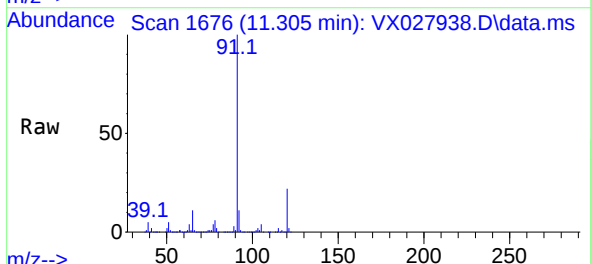
Tgt Ion:105 Resp: 23924
Ion Ratio Lower Upper
105 100
120 26.1 13.5 40.5

Manual Integrations
APPROVED

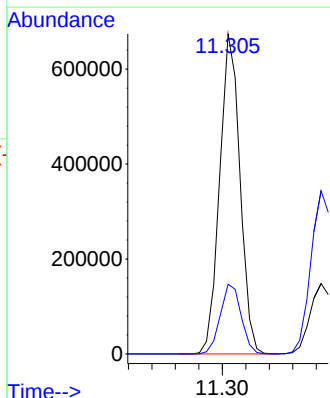
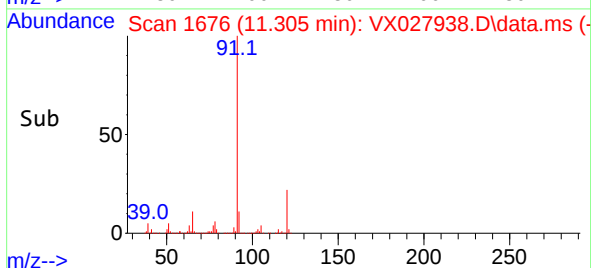
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/04/2022

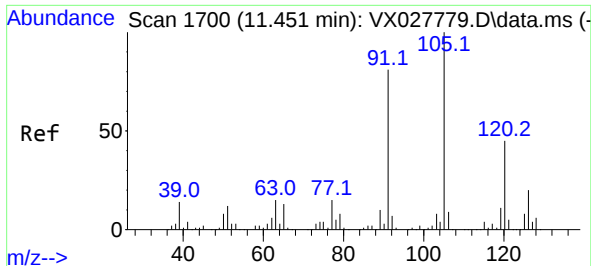


#78
n-propylbenzene
Concen: 132.338 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX027938.D
Acq: 02 Apr 2022 17:05



Tgt Ion: 91 Resp: 811032
Ion Ratio Lower Upper
91 100
120 22.4 11.6 34.8





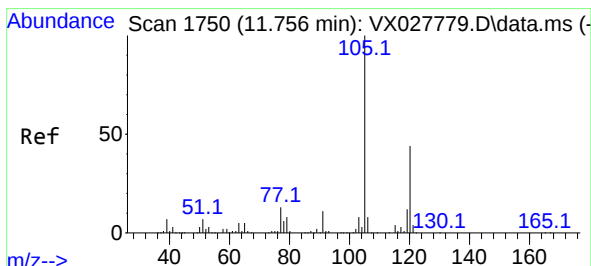
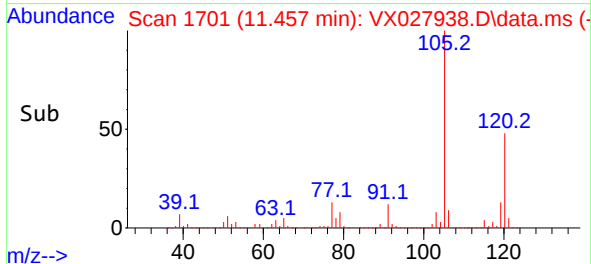
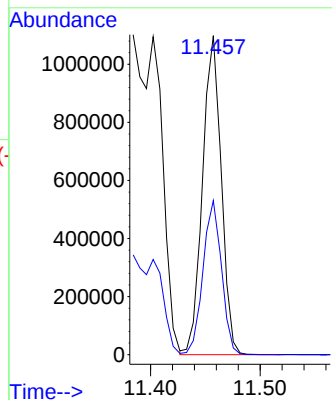
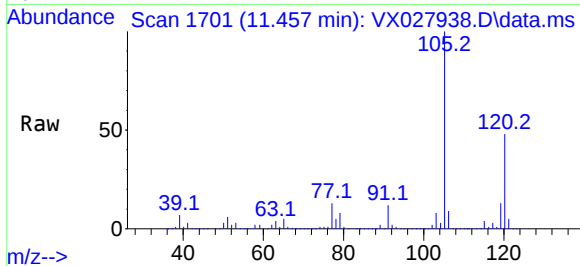
#80
1,3,5-Trimethylbenzene
Concen: 292.492 ug/l
RT: 11.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX027938.D
Acq: 02 Apr 2022 17:05

Instrument :
MSVOA_X
ClientSampleId :
MW-2D

Tgt Ion:105 Resp: 1301910
Ion Ratio Lower Upper
105 100
120 47.7 24.3 72.9

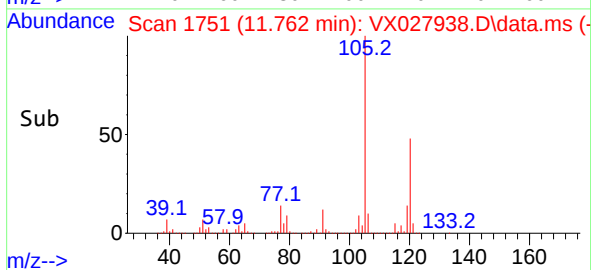
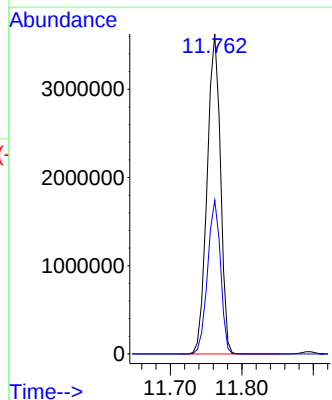
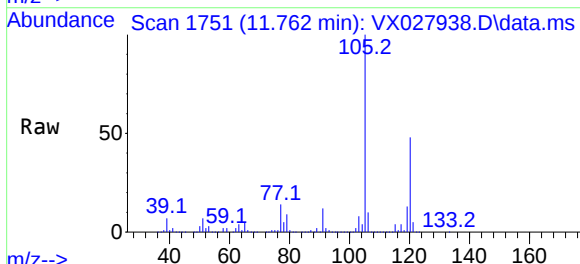
Manual Integrations
APPROVED

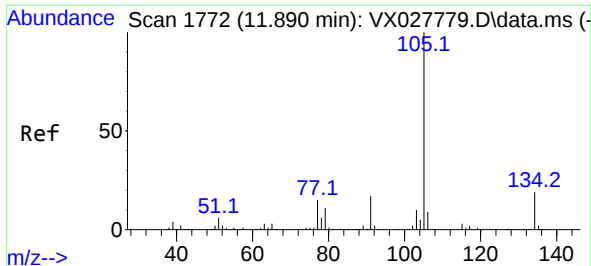
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/04/2022



#84
1,2,4-Trimethylbenzene
Concen: 1057.826 ug/l
RT: 11.762 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VX027938.D
Acq: 02 Apr 2022 17:05

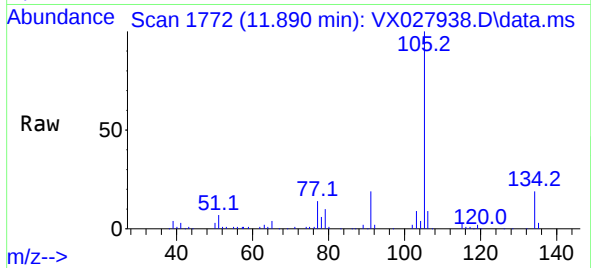
Tgt Ion:105 Resp: 4694894
Ion Ratio Lower Upper
105 100
120 46.7 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 6.236 ug/l m
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX027938.D
 Acq: 02 Apr 2022 17:05

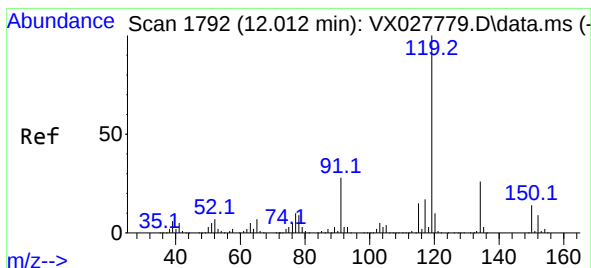
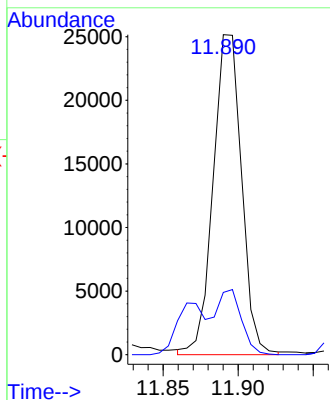
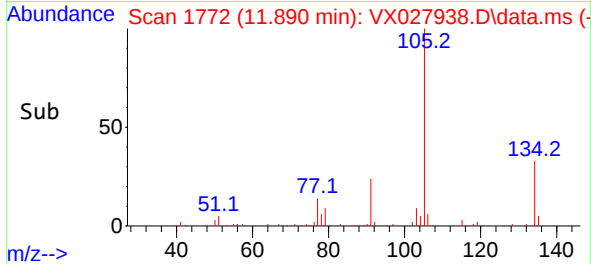
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2D



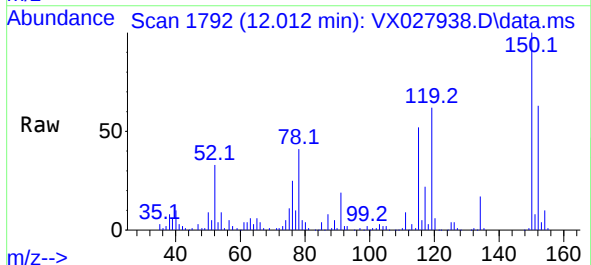
Tgt Ion:105 Resp: 3312
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4

Manual Integrations
 APPROVED

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



#86
 p-Isopropyltoluene
 Concen: 3.749 ug/l m
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX027938.D
 Acq: 02 Apr 2022 17:05



Tgt Ion:119 Resp: 16566
 Ion Ratio Lower Upper
 119 100
 134 73.1 13.0 39.0#
 91 0.0 11.3 33.9#

