

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040222\
 Data File : VX027943.D
 Acq On : 02 Apr 2022 19:01
 Operator : JC/MD
 Sample : N2249-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101R

Manual Integrations
 APPROVED

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

Quant Time: Apr 04 04:18:31 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	5.562	168	83524	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	145729	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62260	57.772	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 115.540%			
35) Dibromofluoromethane	5.391	113	48781	51.859	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.720%			
50) Toluene-d8	8.653	98	178314	53.878	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.760%			
62) 4-Bromofluorobenzene	11.085	95	73214	52.055	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.120%			
Target Compounds						
						Qvalue
25) 2-Butanone	4.556	43	8697	12.532	ug/l	# 87
31) Cyclohexane	5.476	56	136263	114.383	ug/l	# 89
39) Methylcyclohexane	7.385	83	82970	59.513	ug/l	90
40) Benzene	6.043	78	31470	8.765	ug/l	95
51) 4-Methyl-2-Pentanone	8.580	43	15767	9.662	ug/l	# 85
52) Toluene	8.726	92	2028756	897.078	ug/l	97
59) 2-Hexanone	9.433	43	27480	21.869	ug/l	82
67) Ethyl Benzene	10.207	91	6483970	1328.254	ug/l	90
68) m/p-Xylenes	10.329	106	6552355	3649.521	ug/l	90
69) o-Xylene	10.658	106	3073864	1752.854	ug/l	94
73) Isopropylbenzene	10.963	105	219542	44.014	ug/l	98
78) n-propylbenzene	11.305	91	739893	124.161	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	1210184	279.611	ug/l	98
84) 1,2,4-Trimethylbenzene	11.762	105	4360765	1010.467	ug/l	98
85) sec-Butylbenzene	11.896	105	23285m	4.508	ug/l	
86) p-Isopropyltoluene	12.012	119	10186m	2.371	ug/l	

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

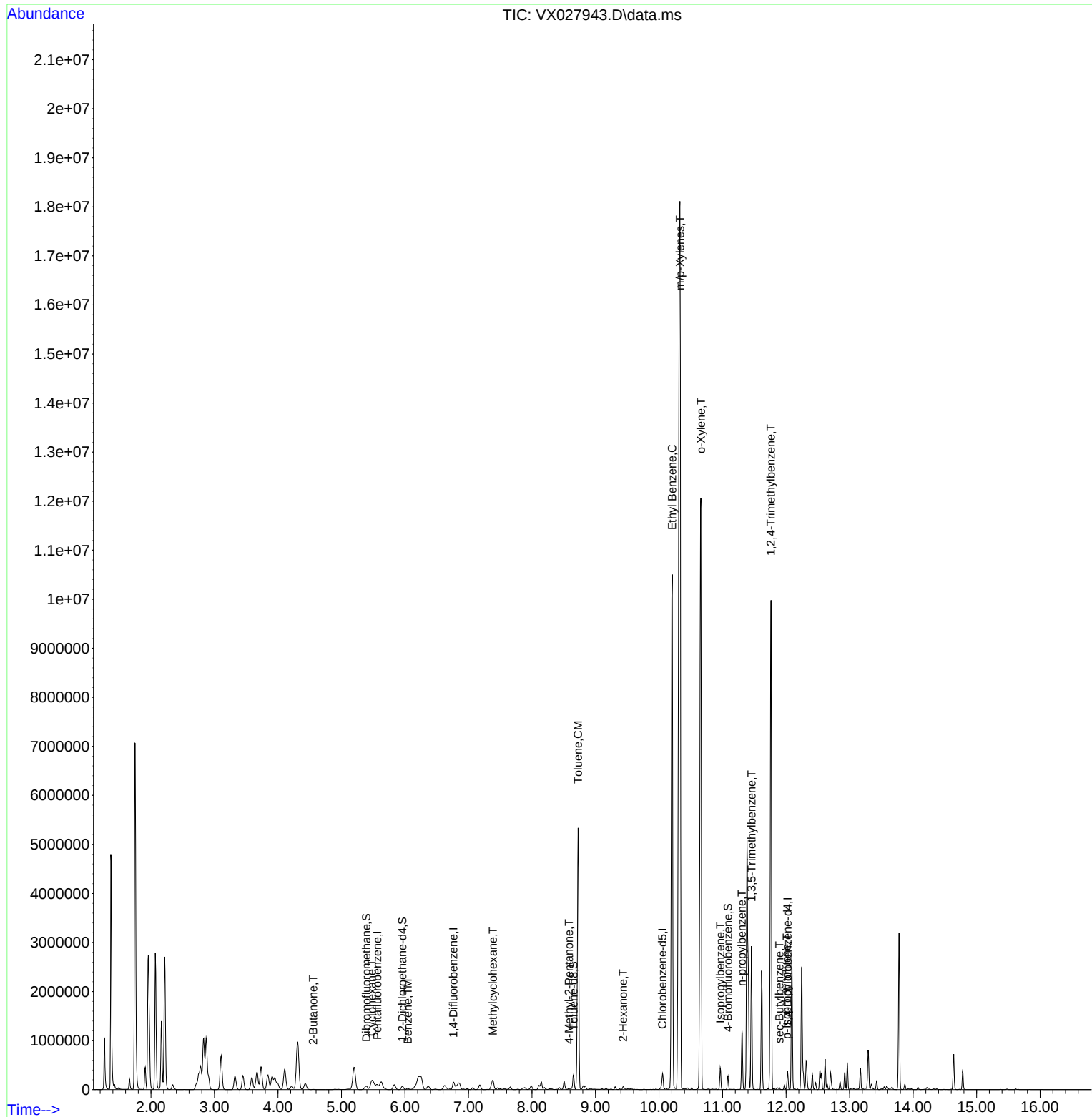
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040222\
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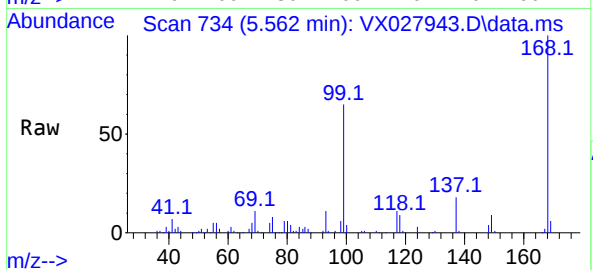
Quant Time: Apr 04 04:18:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 04:39:27 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX027943.D
Acq: 02 Apr 2022 19:01

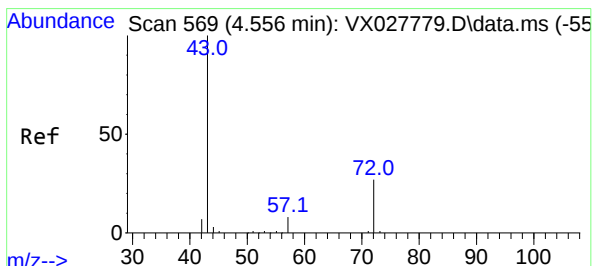
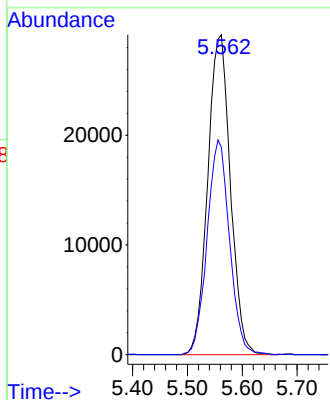
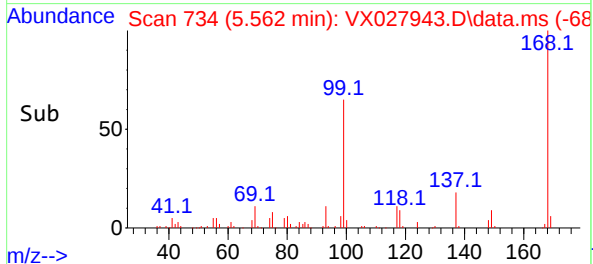
Instrument :
MSVOA_X
ClientSampleId :
MW-101R



Tgt Ion:168 Resp: 83524
Ion Ratio Lower Upper
168 100
99 64.8 41.7 62.5

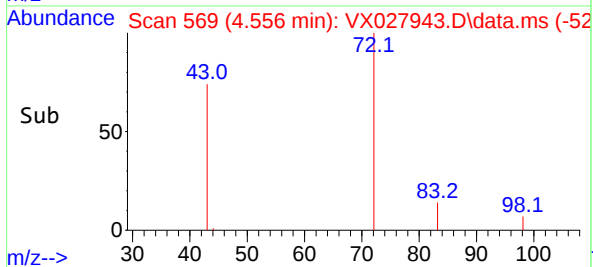
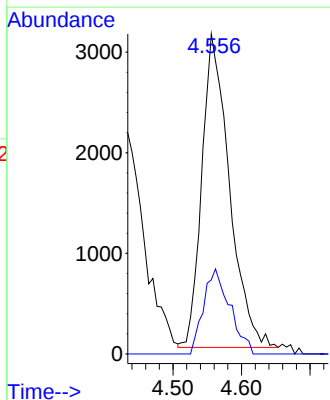
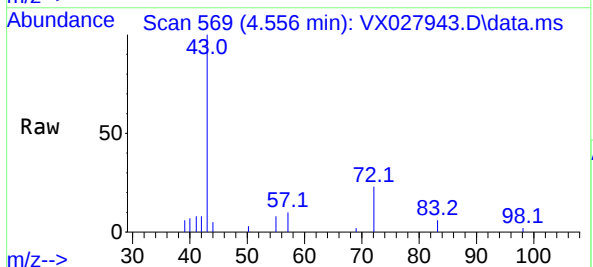
Manual Integrations
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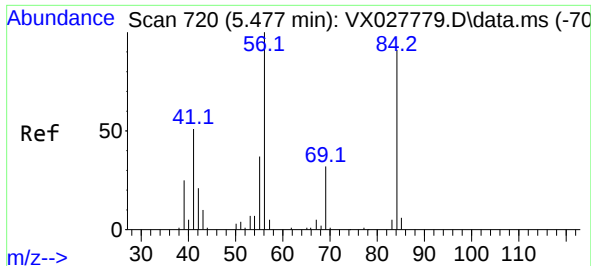
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/04/2022



#25
2-Butanone
Concen: 12.532 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX027943.D
Acq: 02 Apr 2022 19:01

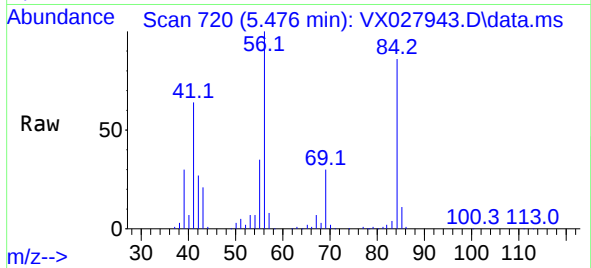
Tgt Ion: 43 Resp: 8697
Ion Ratio Lower Upper
43 100
72 23.7 24.4 36.6





#31
Cyclohexane
Concen: 114.383 ug/l
RT: 5.476 min Scan# 720
Delta R.T. -0.001 min
Lab File: VX027943.D
Acq: 02 Apr 2022 19:01

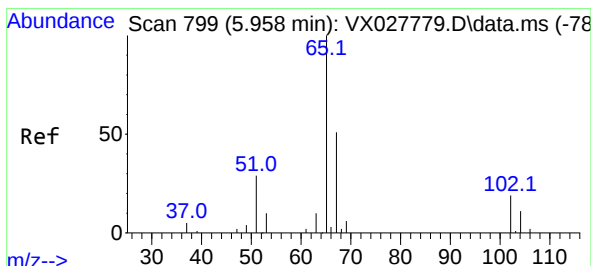
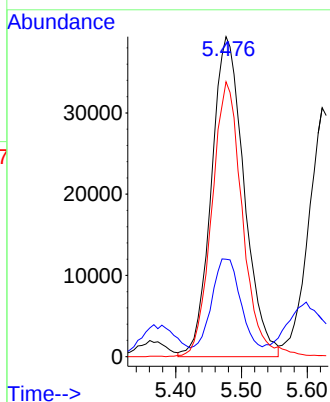
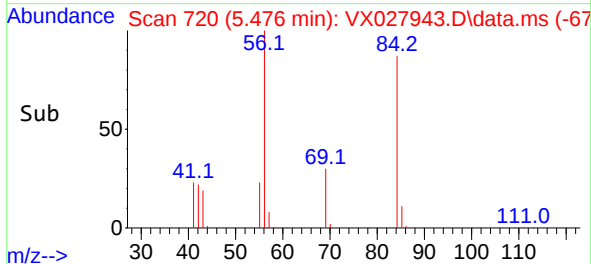
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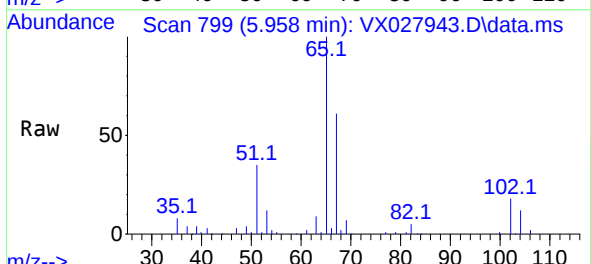
Tgt Ion: 56 Resp: 136263
Ion Ratio Lower Upper
56 100
69 25.0 26.7 40.1
84 86.6 77.2 115.8

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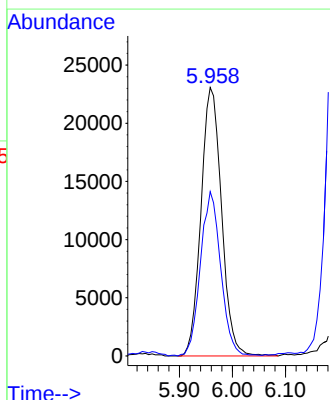
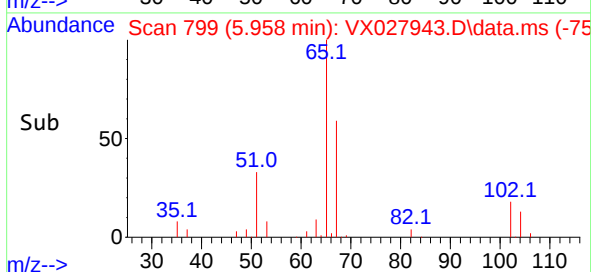
Reviewed By :John Carlone 04/04/2022
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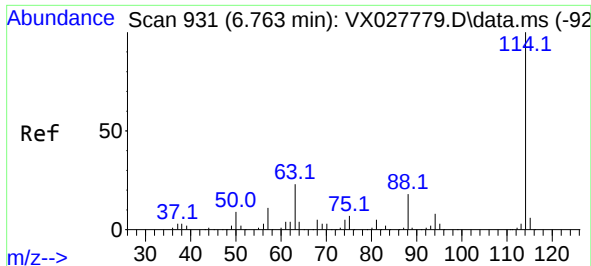


#33
1,2-Dichloroethane-d4
Concen: 57.772 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027943.D
Acq: 02 Apr 2022 19:01



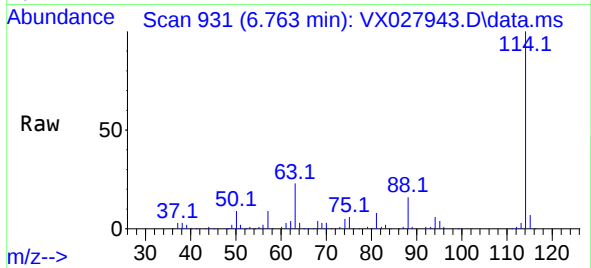
Tgt Ion: 65 Resp: 62260
Ion Ratio Lower Upper
65 100
67 59.4 0.0 107.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX027943.D
Acq: 02 Apr 2022 19:01

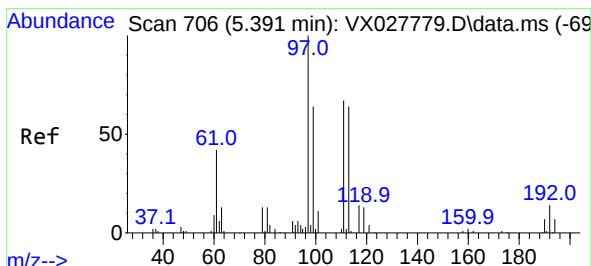
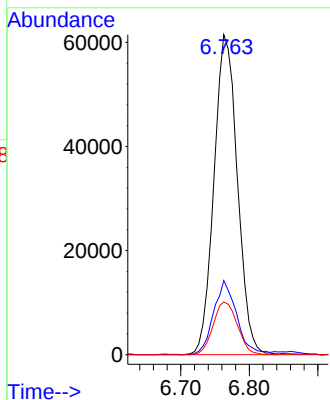
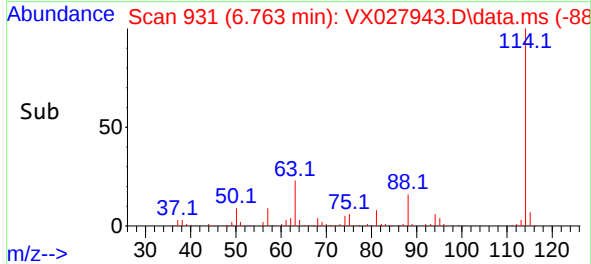
Instrument :
MSVOA_X
ClientSampleId :
MW-101R



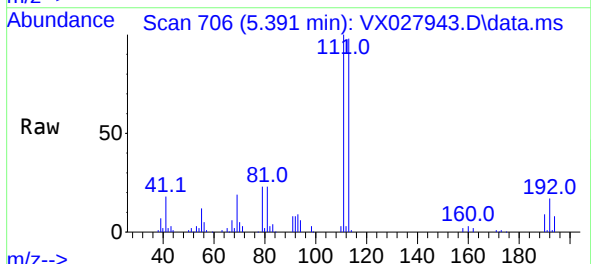
Tgt Ion:114 Resp: 145729
Ion Ratio Lower Upper
114 100
63 23.0 0.0 36.8
88 16.4 0.0 32.4

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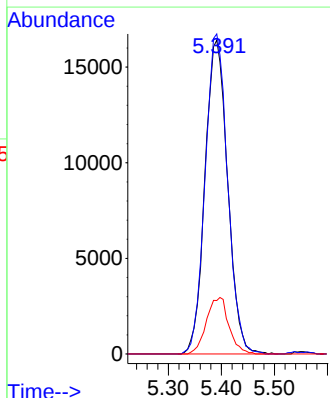
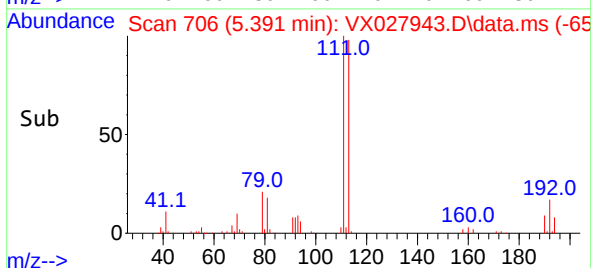
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/04/2022

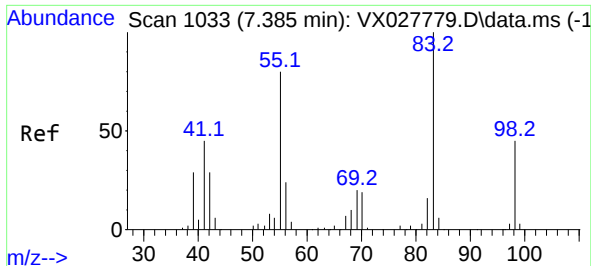


#35
Dibromofluoromethane
Concen: 51.859 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027943.D
Acq: 02 Apr 2022 19:01



Tgt Ion:113 Resp: 48781
Ion Ratio Lower Upper
113 100
111 101.0 82.8 124.2
192 17.8 16.9 25.3





#39

Methylcyclohexane

Concen: 59.513 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX027943.D

Acq: 02 Apr 2022 19:01

Instrument :

MSVOA_X

ClientSampleId :

MW-101R

Tgt Ion: 83 Resp: 82970

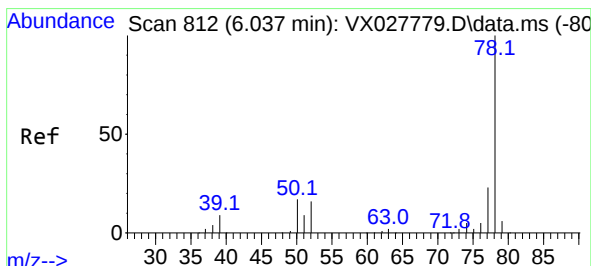
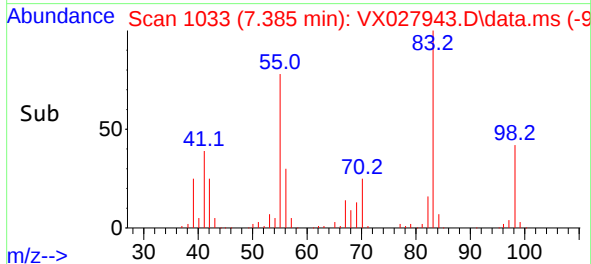
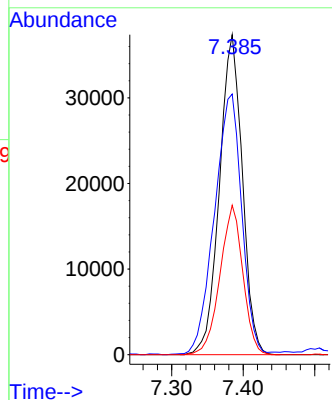
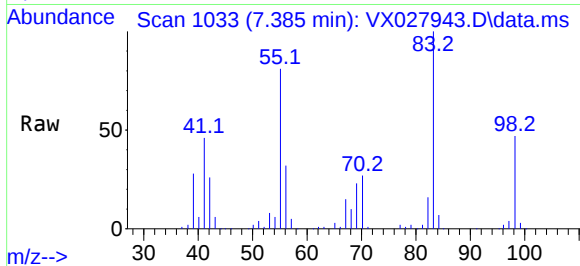
Ion	Ratio	Lower	Upper
83	100		
55	81.1	54.6	81.8
98	46.7	37.4	56.2

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Supervised By :Mahesh Dadoda 04/04/2022



#40

Benzene

Concen: 8.765 ug/l

RT: 6.043 min Scan# 813

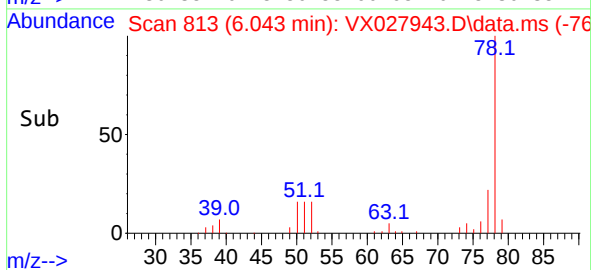
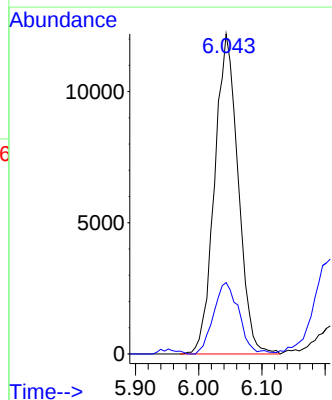
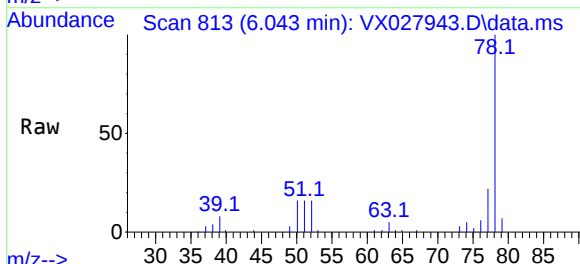
Delta R.T. 0.006 min

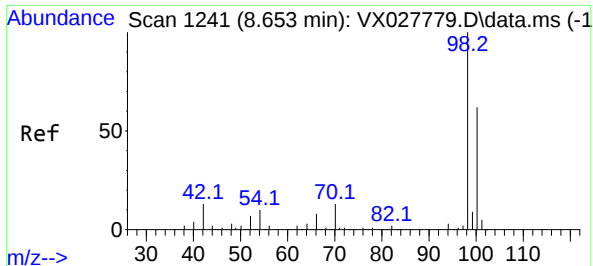
Lab File: VX027943.D

Acq: 02 Apr 2022 19:01

Tgt Ion: 78 Resp: 31470

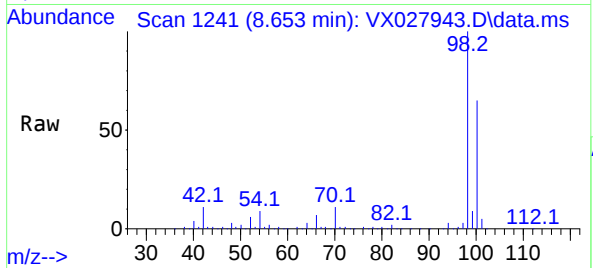
Ion	Ratio	Lower	Upper
78	100		
77	21.4	19.3	28.9





#50
Toluene-d8
Concen: 53.878 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027943.D
Acq: 02 Apr 2022 19:01

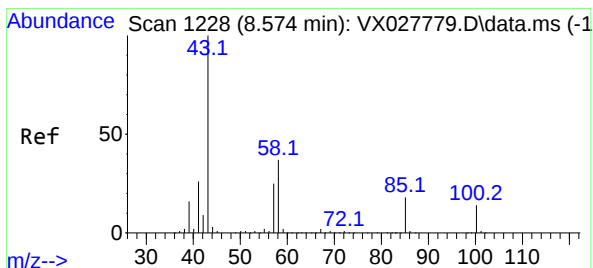
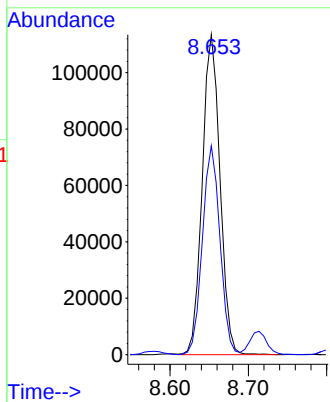
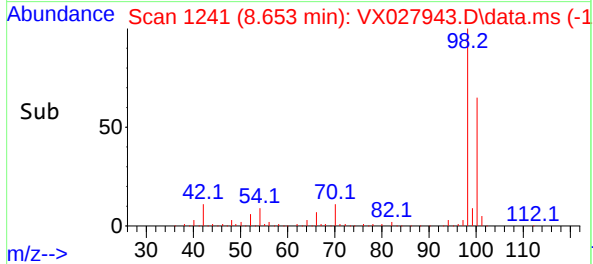
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ClientSampleId :
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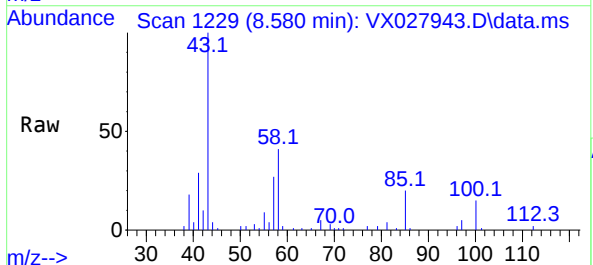
Tgt Ion: 98 Resp: 178314
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8

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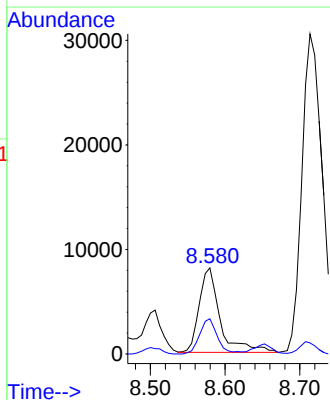
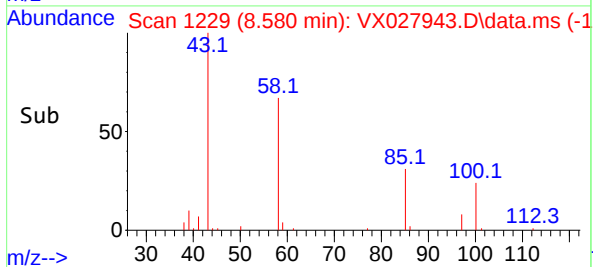
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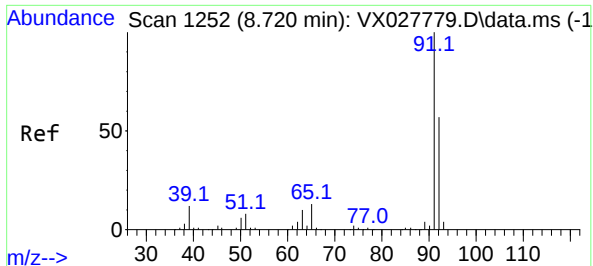


#51
4-Methyl-2-Pentanone
Concen: 9.662 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX027943.D
Acq: 02 Apr 2022 19:01



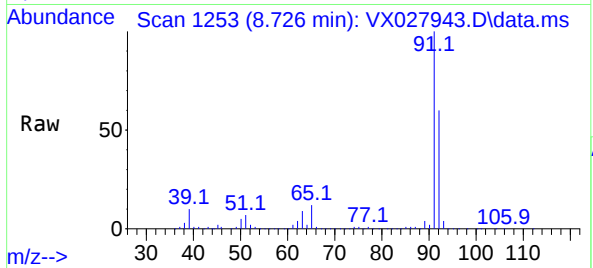
Tgt Ion: 43 Resp: 15767
Ion Ratio Lower Upper
43 100
58 35.5 36.1 54.1#





#52
Toluene
Concen: 897.078 ug/l
RT: 8.726 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX027943.D
Acq: 02 Apr 2022 19:01

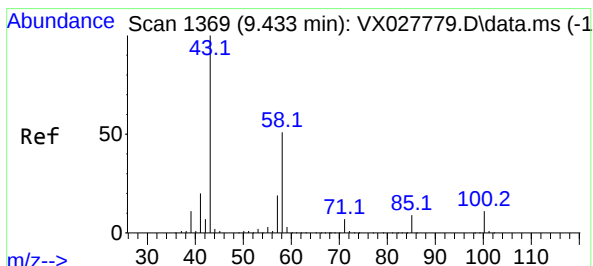
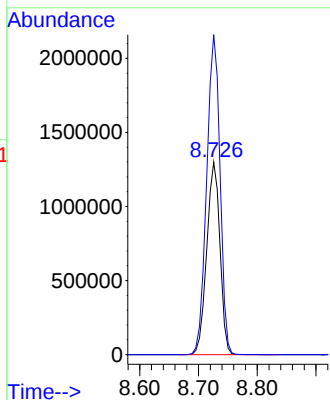
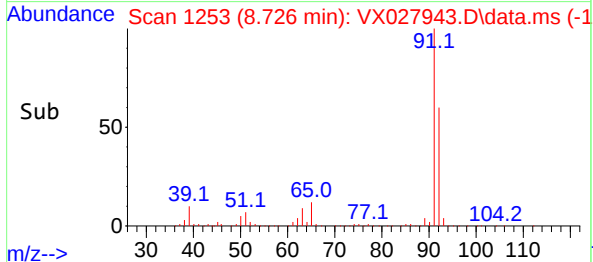
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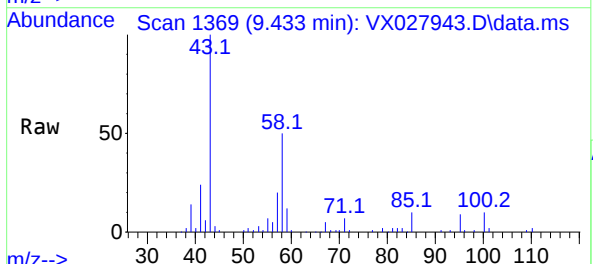
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Ion Ratio Lower Upper
92 100
91 168.3 137.5 206.3

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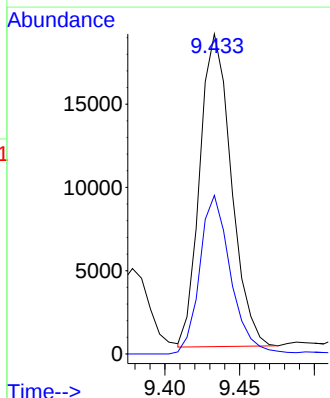
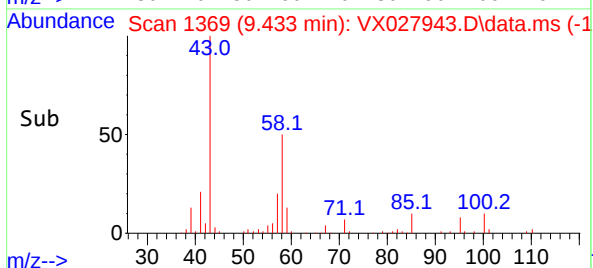
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/04/2022

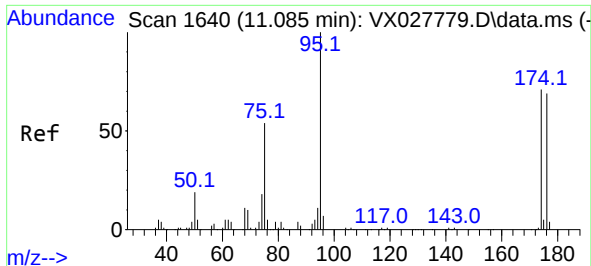


#59
2-Hexanone
Concen: 21.869 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX027943.D
Acq: 02 Apr 2022 19:01



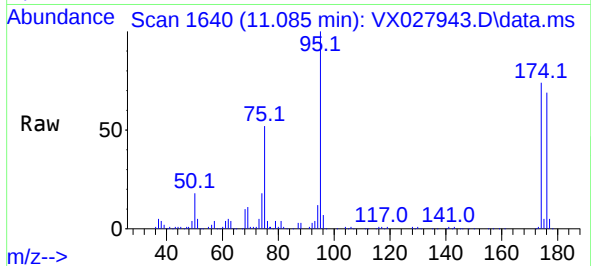
Tgt Ion: 43 Resp: 27480
Ion Ratio Lower Upper
43 100
58 49.8 31.9 95.7





#62
4-Bromofluorobenzene
Concen: 52.055 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027943.D
Acq: 02 Apr 2022 19:01

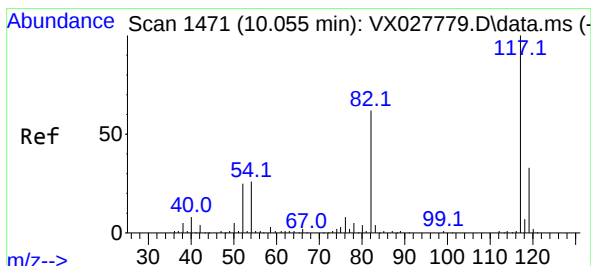
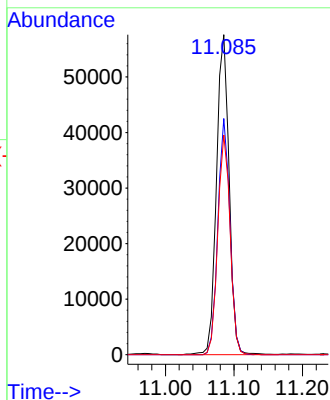
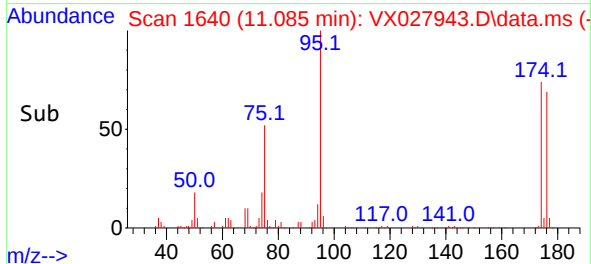
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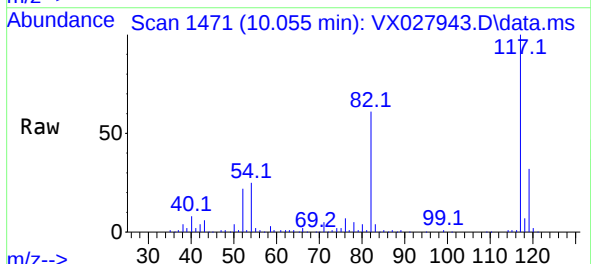
Tgt Ion: 95 Resp: 73214
Ion Ratio Lower Upper
95 100
174 70.3 0.0 163.0
176 66.9 0.0 155.0

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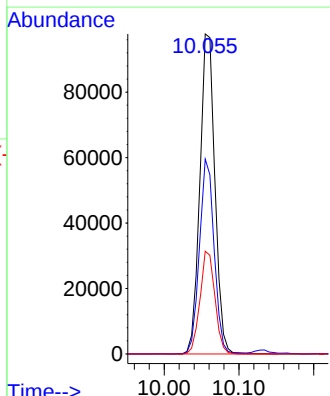
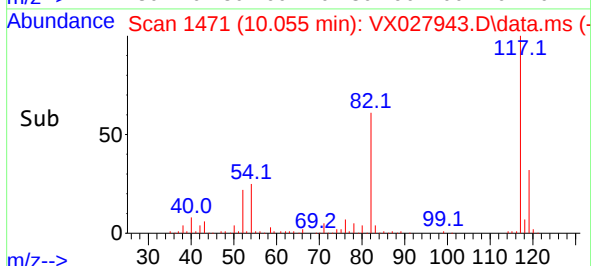
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/04/2022

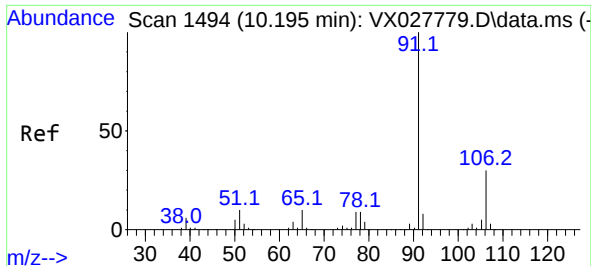


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027943.D
Acq: 02 Apr 2022 19:01



Tgt Ion:117 Resp: 136604
Ion Ratio Lower Upper
117 100
82 60.8 41.8 62.8
119 32.1 24.8 37.2





#67

Ethyl Benzene

Concen: 1328.254 ug/l

RT: 10.207 min Scan# 1494

Delta R.T. 0.012 min

Lab File: VX027943.D

Acq: 02 Apr 2022 19:01

Instrument :

MSVOA_X

ClientSampleId :

MW-101R

Tgt Ion: 91 Resp: 6483970

Ion Ratio Lower Upper

91 100

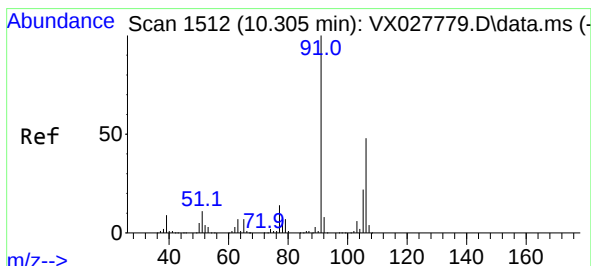
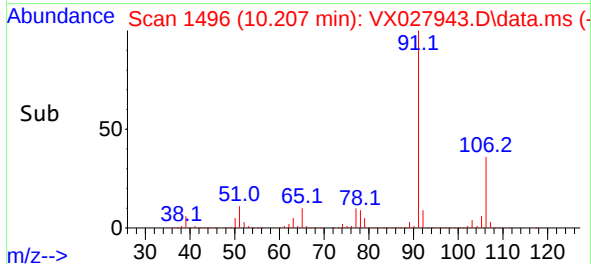
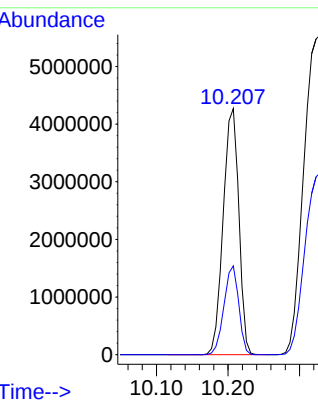
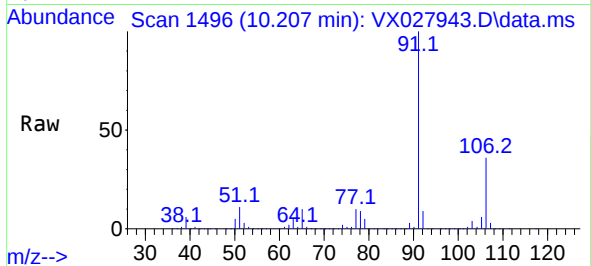
106 36.1 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/04/2022

Supervised By :Mahesh Dadoda 04/04/2022



#68

m/p-Xylenes

Concen: 3649.521 ug/l

RT: 10.329 min Scan# 1516

Delta R.T. 0.024 min

Lab File: VX027943.D

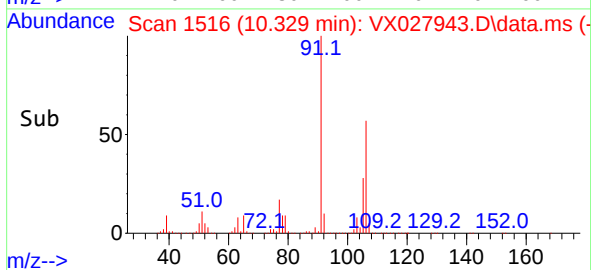
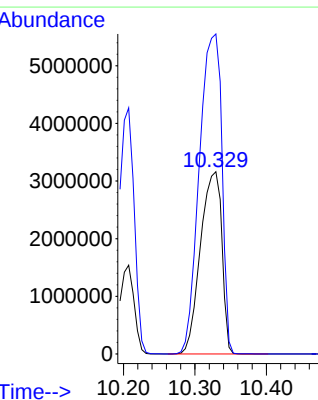
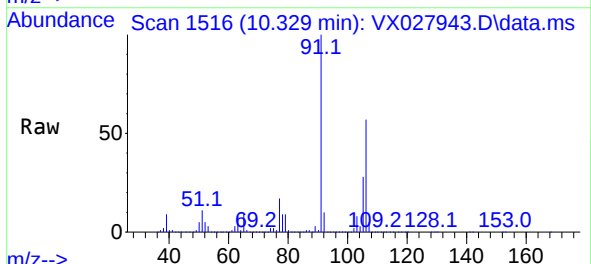
Acq: 02 Apr 2022 19:01

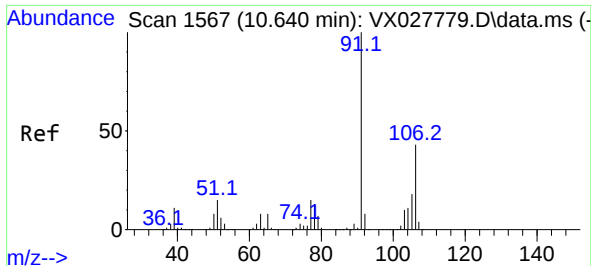
Tgt Ion:106 Resp: 6552355

Ion Ratio Lower Upper

106 100

91 184.8 160.4 240.6





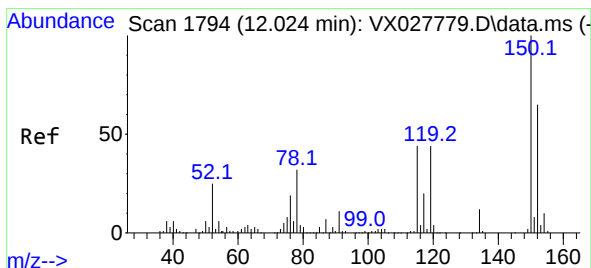
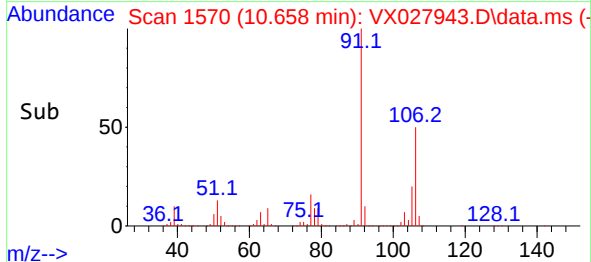
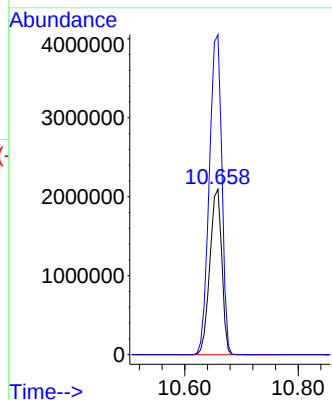
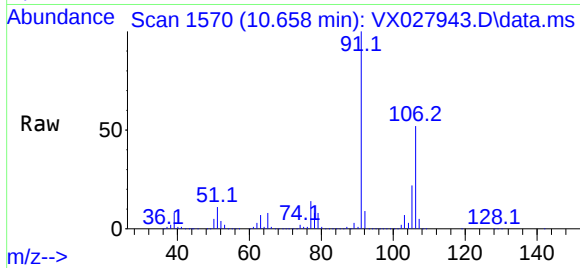
#69
o-Xylene
Concen: 1752.854 ug/l
RT: 10.658 min Scan# 11
Delta R.T. 0.018 min
Lab File: VX027943.D
Acq: 02 Apr 2022 19:01

Instrument :
MSVOA_X
ClientSampleId :
MW-101R

Tgt Ion:106 Resp: 307386
Ion Ratio Lower Upper
106 100
91 203.3 106.1 318.1

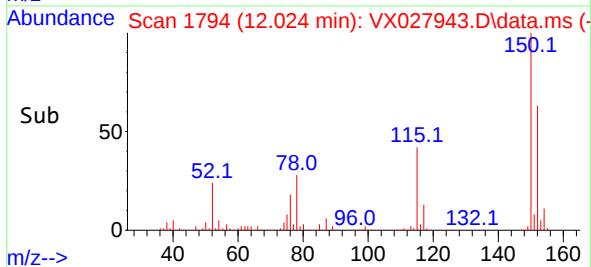
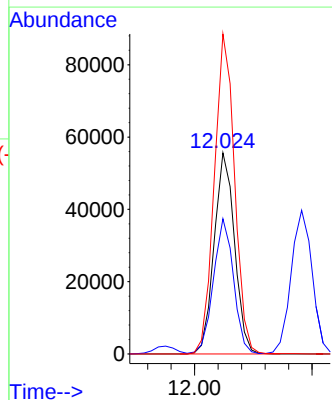
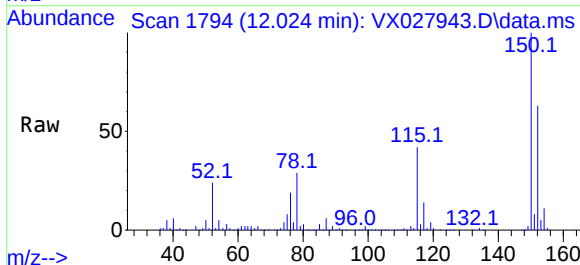
Manual Integrations
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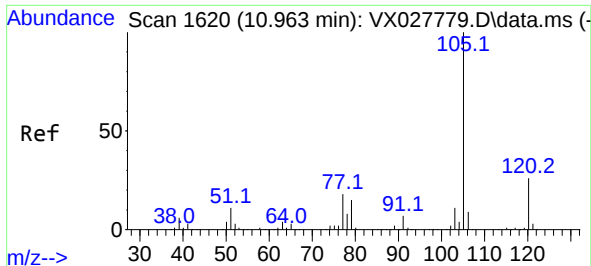
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/04/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027943.D
Acq: 02 Apr 2022 19:01

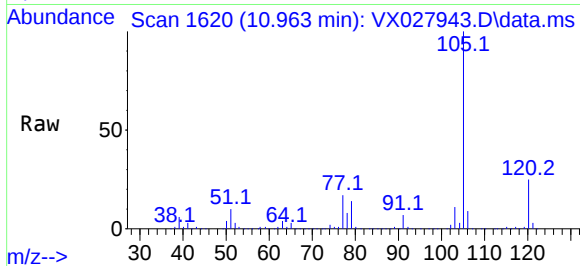
Tgt Ion:152 Resp: 66992
Ion Ratio Lower Upper
152 100
115 65.8 37.5 112.7
150 158.6 0.0 338.2





#73
Isopropylbenzene
Concen: 44.014 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX027943.D
Acq: 02 Apr 2022 19:01

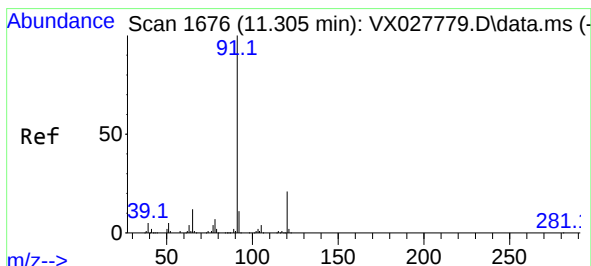
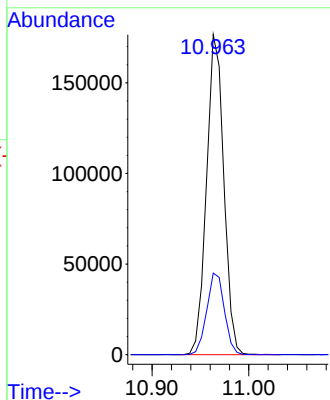
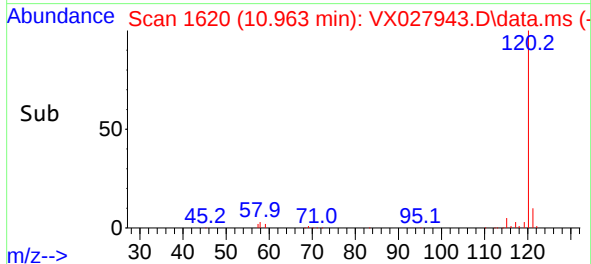
Instrument :
MSVOA_X
ClientSampleId :
MW-101R



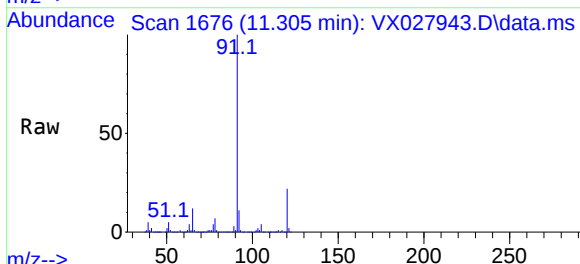
Tgt Ion:105 Resp: 21954
Ion Ratio Lower Upper
105 100
120 26.0 13.5 40.5

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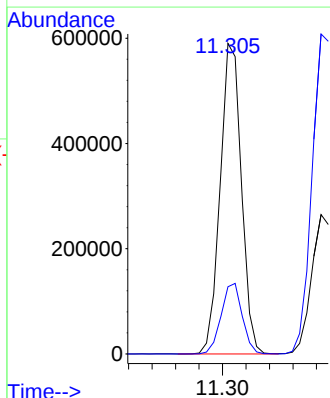
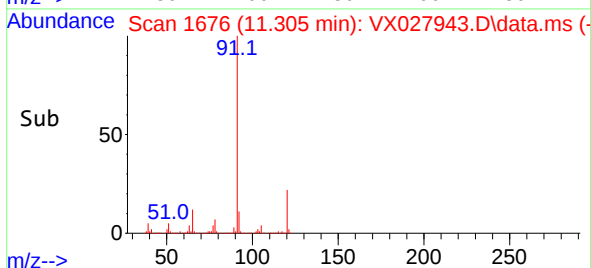
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/04/2022

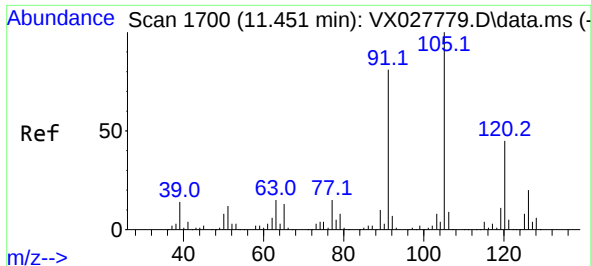


#78
n-propylbenzene
Concen: 124.161 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX027943.D
Acq: 02 Apr 2022 19:01



Tgt Ion: 91 Resp: 739893
Ion Ratio Lower Upper
91 100
120 22.6 11.6 34.8





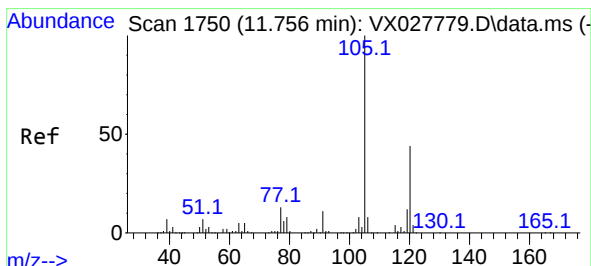
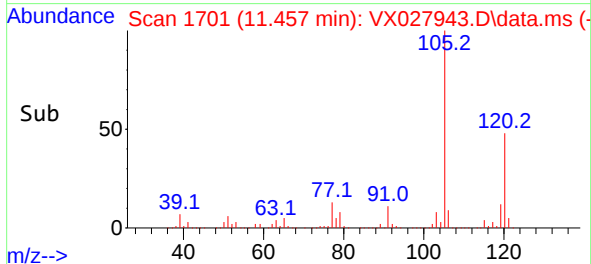
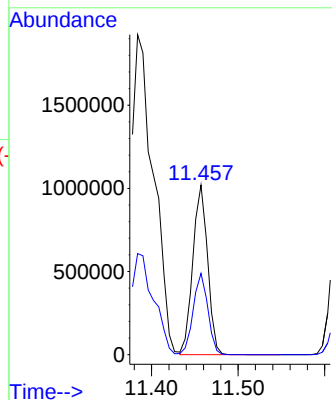
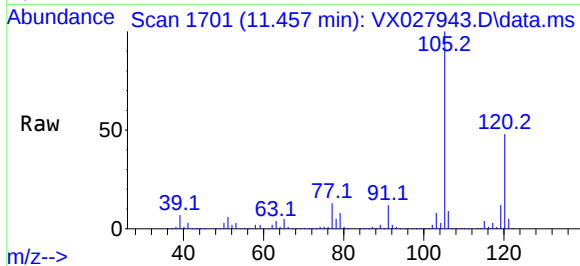
#80
1,3,5-Trimethylbenzene
Concen: 279.611 ug/l
RT: 11.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX027943.D
Acq: 02 Apr 2022 19:01

Instrument :
MSVOA_X
ClientSampleId :
MW-101R

Tgt Ion:105 Resp: 1210184
Ion Ratio Lower Upper
105 100
120 47.5 24.3 72.9

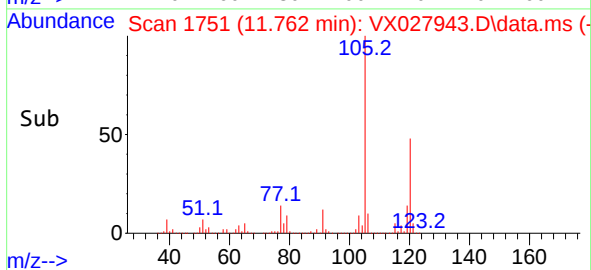
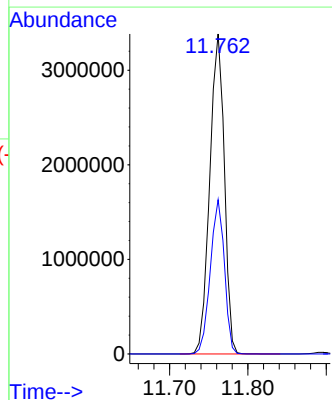
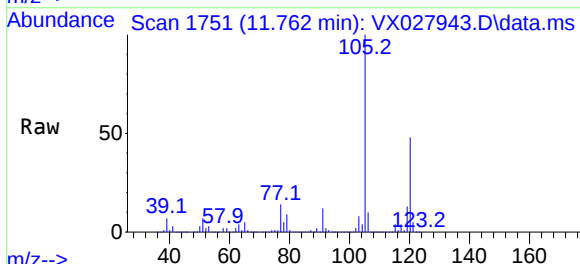
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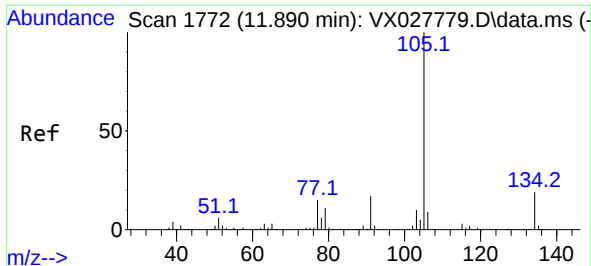
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/04/2022



#84
1,2,4-Trimethylbenzene
Concen: 1010.467 ug/l
RT: 11.762 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VX027943.D
Acq: 02 Apr 2022 19:01

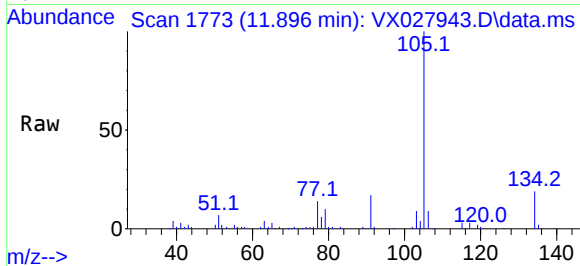
Tgt Ion:105 Resp: 4360765
Ion Ratio Lower Upper
105 100
120 46.6 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 4.508 ug/l m
 RT: 11.896 min Scan# 1772
 Delta R.T. 0.006 min
 Lab File: VX027943.D
 Acq: 02 Apr 2022 19:01

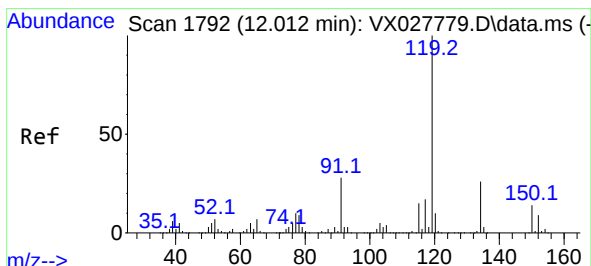
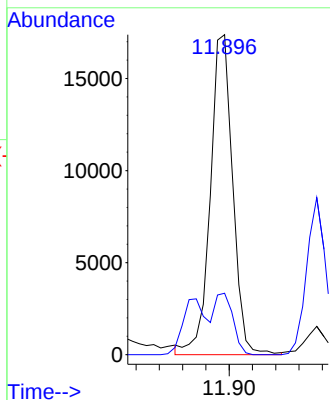
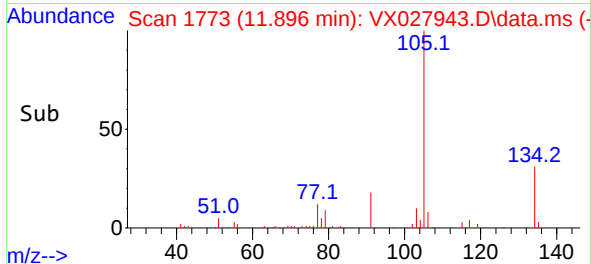
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101R



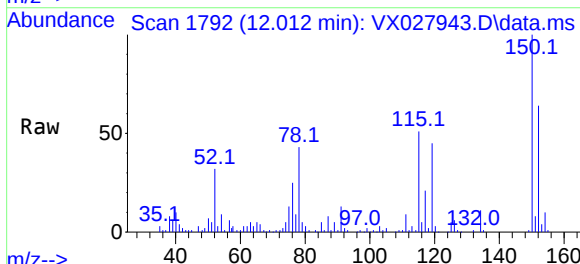
Tgt Ion:105 Resp: 2328
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4

Manual Integrations
 APPROVED

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



#86
 p-Isopropyltoluene
 Concen: 2.371 ug/l m
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX027943.D
 Acq: 02 Apr 2022 19:01



Tgt Ion:119 Resp: 10186
 Ion Ratio Lower Upper
 119 100
 134 96.0 13.0 39.0#
 91 0.0 11.3 33.9#

