

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012822\
 Data File : VX026663.D
 Acq On : 28 Jan 2022 19:50
 Operator : JC/MD
 Sample : N1297-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2D

Quant Time: Jan 29 02:21:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/31/2022
 Supervised By : Mahesh Dadoda 01/31/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	129168	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	216343	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82728	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80832	44.798	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.600%		
35) Dibromofluoromethane	5.391	113	67052	47.995	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.980%		
50) Toluene-d8	8.653	98	252250	50.105	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.200%		
62) 4-Bromofluorobenzene	11.079	95	88283	49.363	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.720%		
Target Compounds					Qvalue	
30) Chloroform	5.105	83	2680	0.948	ug/l #	83
31) Cyclohexane	5.477	56	83257	31.283	ug/l	98
39) Methylcyclohexane	7.385	83	61920	23.276	ug/l	99
40) Benzene	6.044	78	8102	1.329	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	3493	1.634	ug/l #	87
52) Toluene	8.720	92	274081	73.318	ug/l	99
67) Ethyl Benzene	10.195	91	666532	91.532	ug/l	99
68) m/p-Xylenes	10.305	106	599465	219.977	ug/l	96
69) o-Xylene	10.646	106	331039	125.892	ug/l	97
73) Isopropylbenzene	10.963	105	75164	11.084	ug/l	100
78) n-propylbenzene	11.305	91	159022	20.564	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	211236	37.785	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	670456	119.903	ug/l	97
86) p-Isopropyltoluene	12.012	119	7147m	1.262	ug/l	
89) n-Butylbenzene	12.335	91	30456	6.266	ug/l #	35
95) Naphthalene	13.780	128	200351	34.046	ug/l	100

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

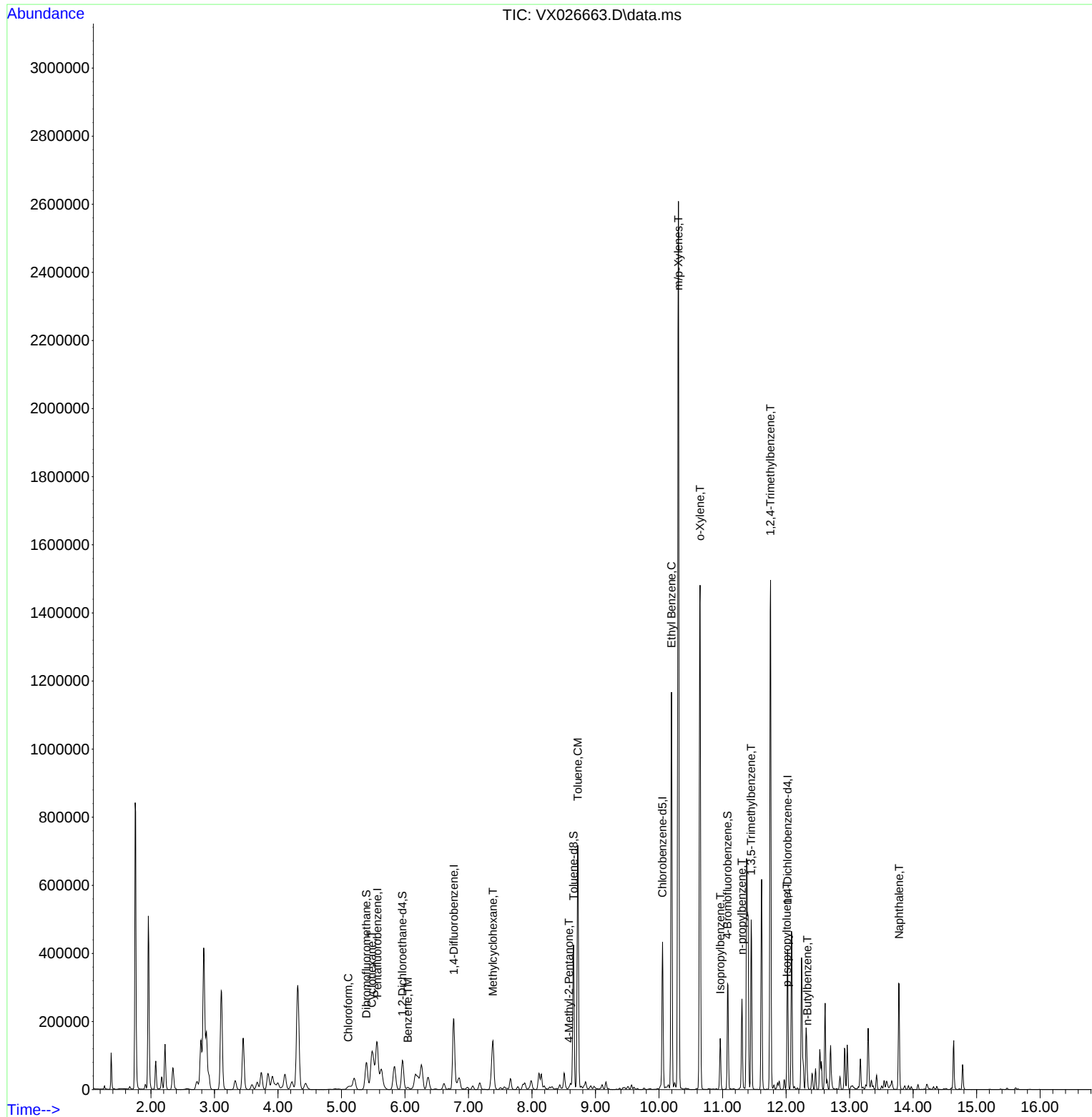
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012822\
Data File : VX026663.D
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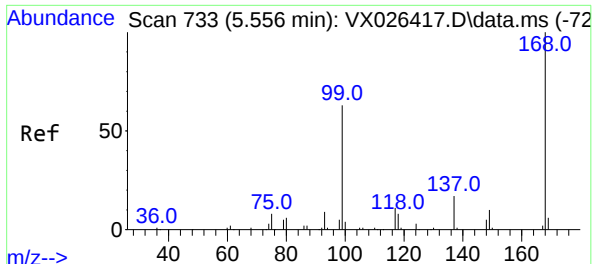
Instrument :
MSVOA_X
ClientSampleId :
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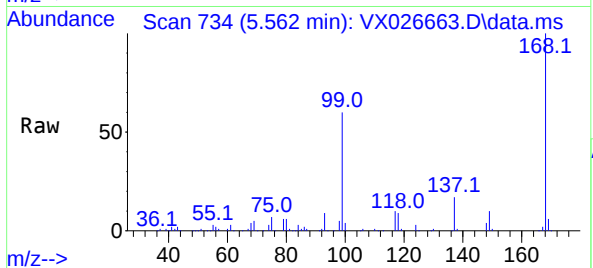
Quant Time: Jan 29 02:21:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026663.D
Acq: 28 Jan 2022 19:50

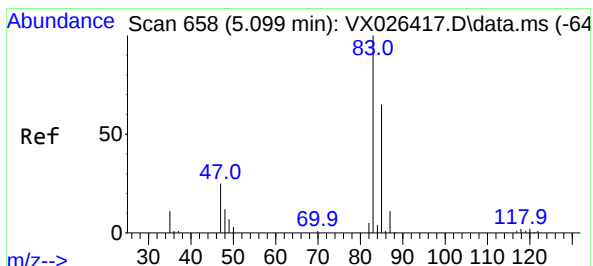
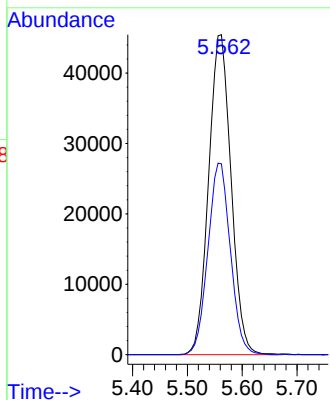
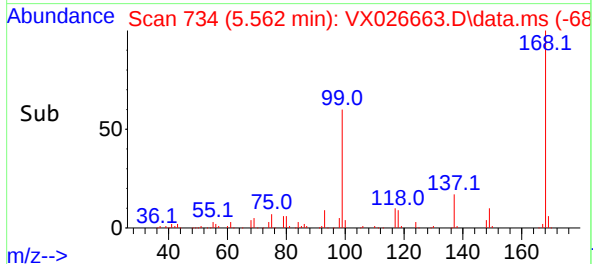
Instrument :
MSVOA_X
ClientSampleId :
MW-2D



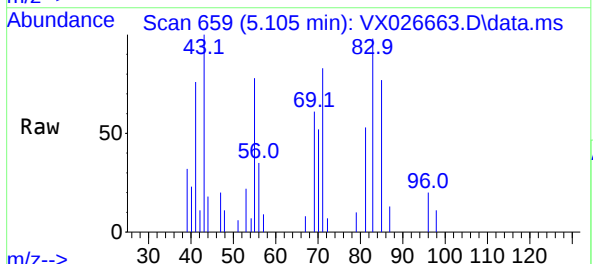
Tgt Ion:168 Resp: 129168
Ion Ratio Lower Upper
168 100
99 59.6 50.3 75.5

Manual Integrations
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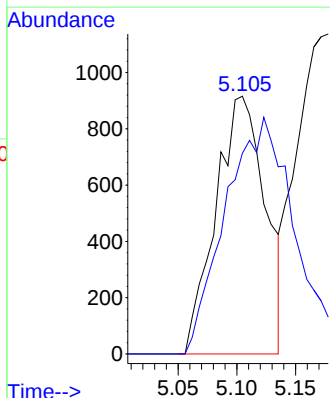
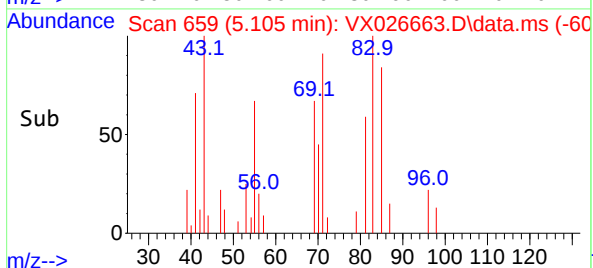
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022

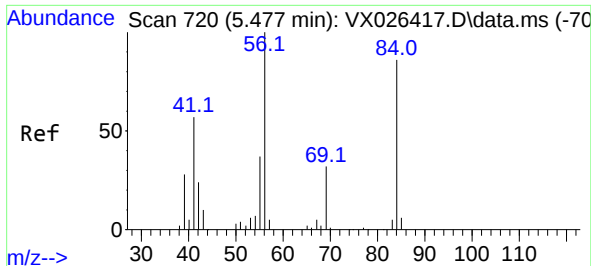


#30
Chloroform
Concen: 0.948 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.006 min
Lab File: VX026663.D
Acq: 28 Jan 2022 19:50



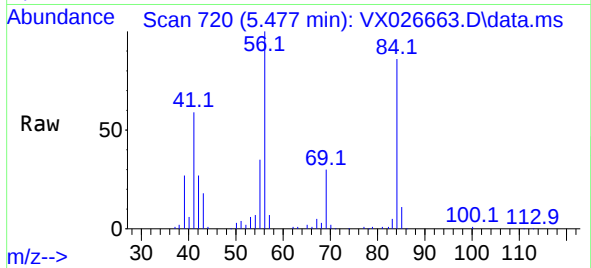
Tgt Ion: 83 Resp: 2680
Ion Ratio Lower Upper
83 100
85 77.8 51.6 77.4#





#31
Cyclohexane
Concen: 31.283 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.000 min
Lab File: VX026663.D
Acq: 28 Jan 2022 19:50

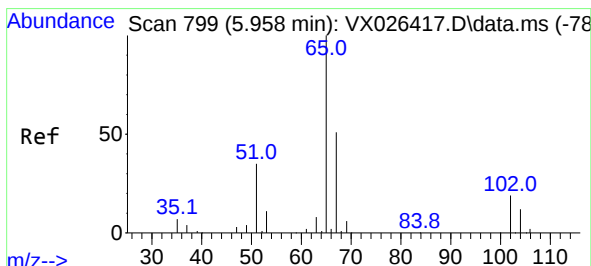
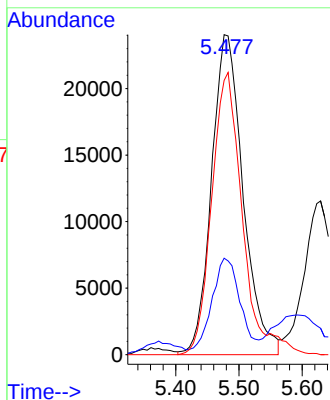
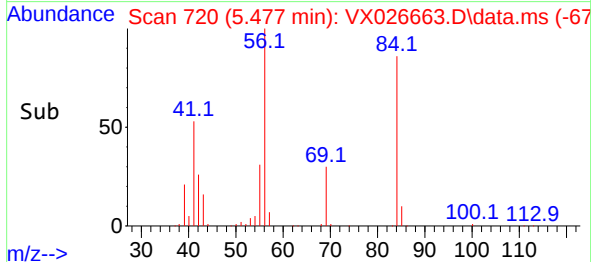
Instrument :
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ClientSampleId :
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Tgt Ion: 56 Resp: 8325
Ion Ratio Lower Upper
56 100
69 27.8 25.8 38.6
84 86.5 68.9 103.3

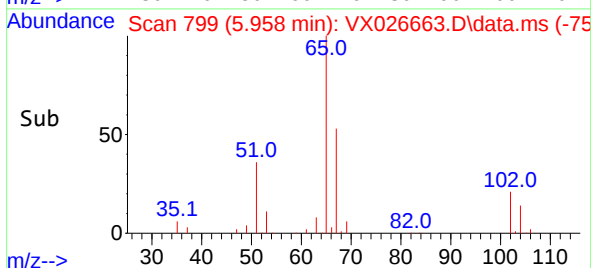
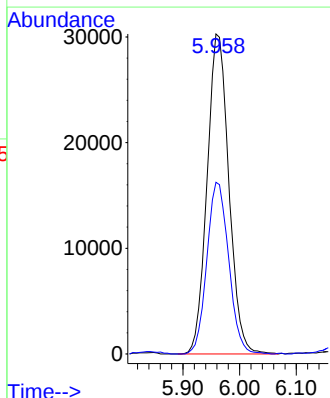
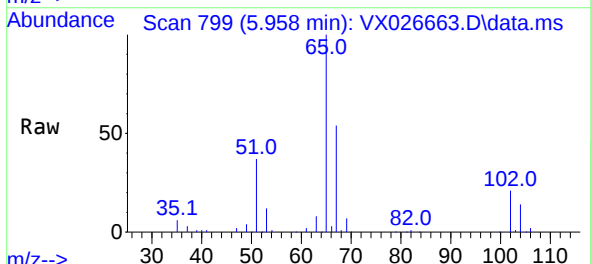
Manual Integrations
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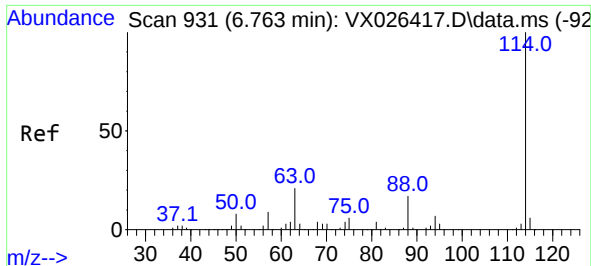
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022



#33
1,2-Dichloroethane-d4
Concen: 44.798 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX026663.D
Acq: 28 Jan 2022 19:50

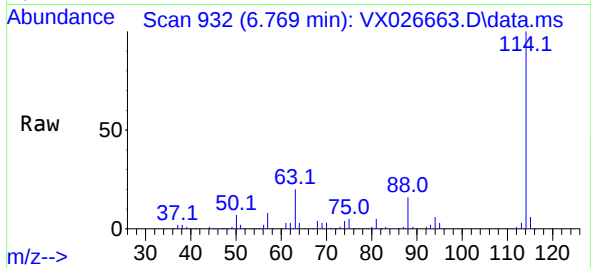
Tgt Ion: 65 Resp: 80832
Ion Ratio Lower Upper
65 100
67 53.7 0.0 100.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX026663.D
Acq: 28 Jan 2022 19:50

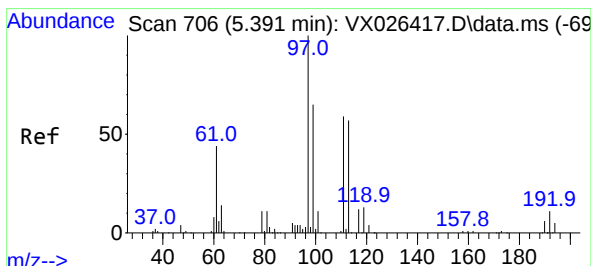
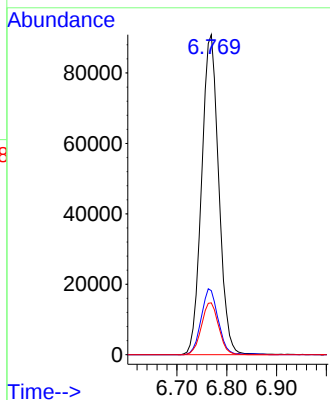
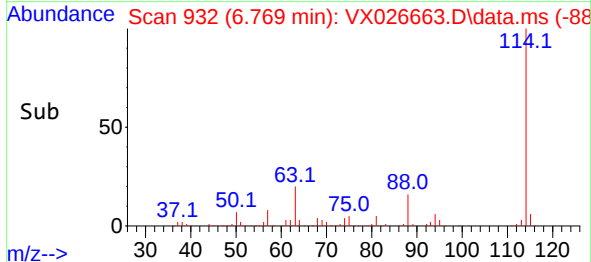
Instrument :
MSVOA_X
ClientSampleId :
MW-2D



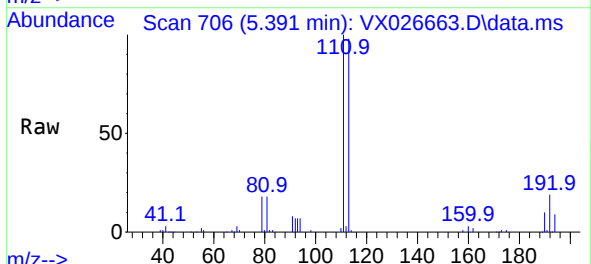
Tgt Ion:114 Resp: 21634
Ion Ratio Lower Upper
114 100
63 20.0 0.0 42.8
88 16.2 0.0 33.0

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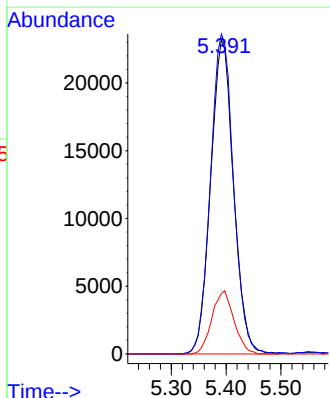
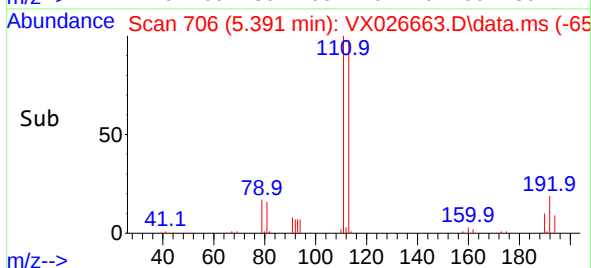
Reviewed By :John Carlone 01/31/2022
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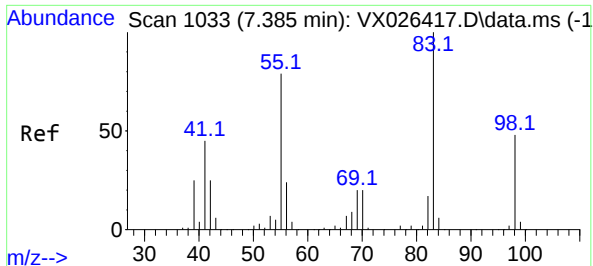


#35
Dibromofluoromethane
Concen: 47.995 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026663.D
Acq: 28 Jan 2022 19:50



Tgt Ion:113 Resp: 67052
Ion Ratio Lower Upper
113 100
111 102.5 81.2 121.8
192 19.4 15.0 22.4





#39

Methylcyclohexane

Concen: 23.276 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX026663.D

Acq: 28 Jan 2022 19:50

Instrument :

MSVOA_X

ClientSampleId :

MW-2D

Tgt Ion: 83 Resp: 61920

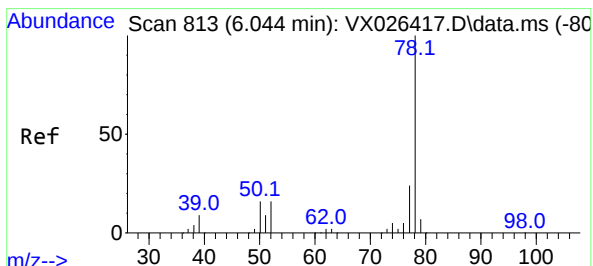
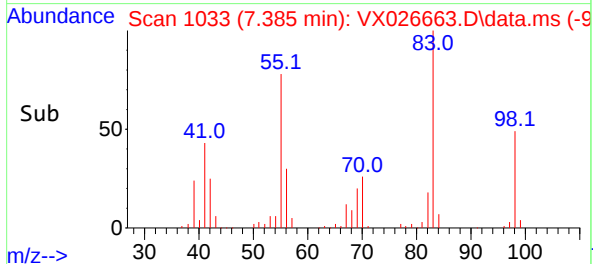
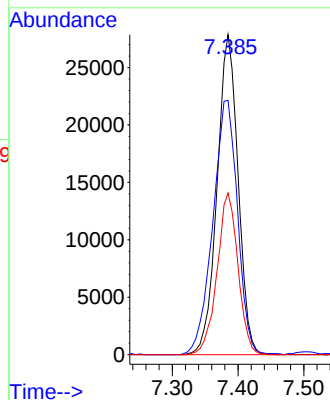
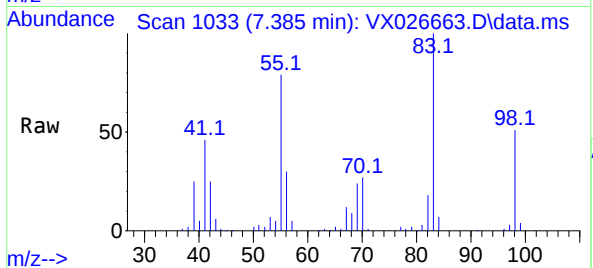
Ion	Ratio	Lower	Upper
83	100		
55	79.5	63.6	95.4
98	50.5	38.4	57.6

Manual Integrations

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#40

Benzene

Concen: 1.329 ug/l

RT: 6.044 min Scan# 813

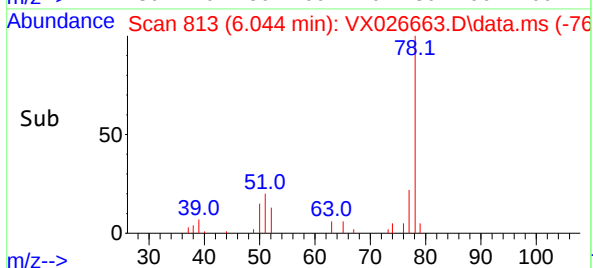
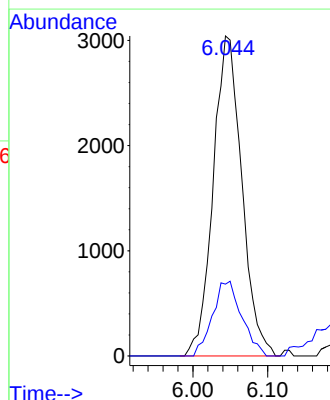
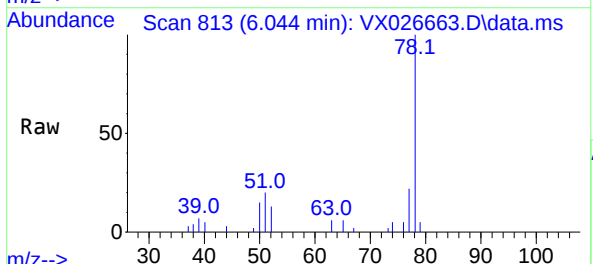
Delta R.T. 0.000 min

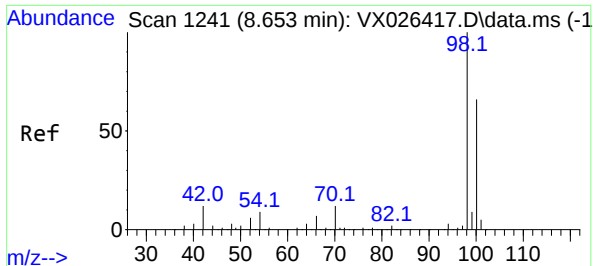
Lab File: VX026663.D

Acq: 28 Jan 2022 19:50

Tgt Ion: 78 Resp: 8102

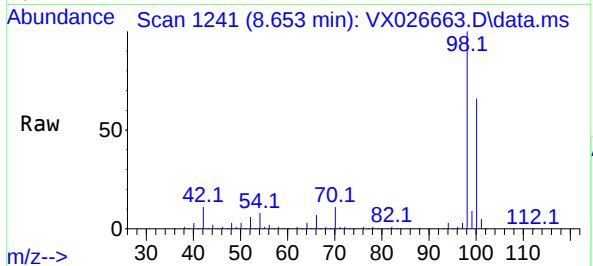
Ion	Ratio	Lower	Upper
78	100		
77	22.5	18.9	28.3





#50
Toluene-d8
Concen: 50.105 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026663.D
Acq: 28 Jan 2022 19:50

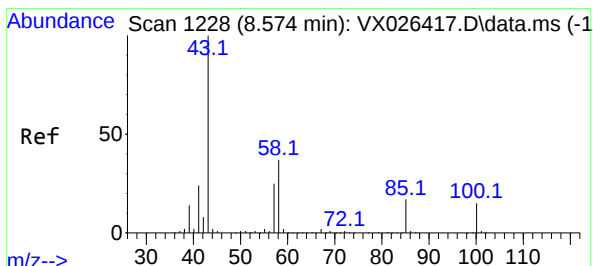
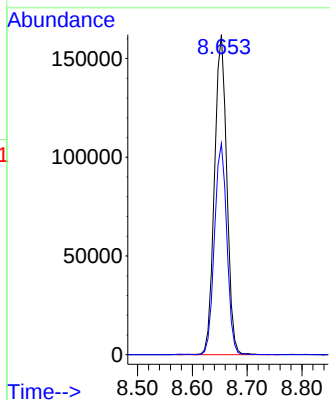
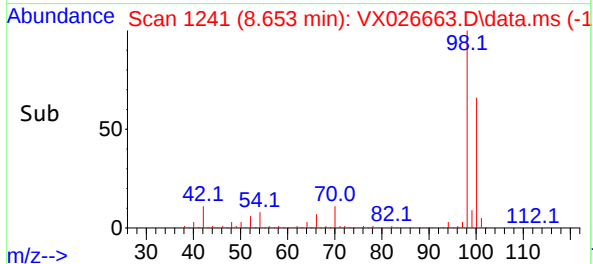
Instrument :
MSVOA_X
ClientSampleId :
MW-2D



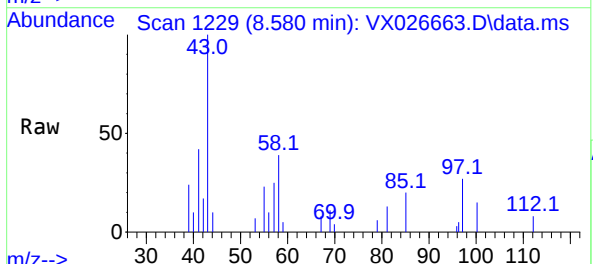
Tgt Ion: 98 Resp: 252250
Ion Ratio Lower Upper
98 100
100 66.3 53.2 79.8

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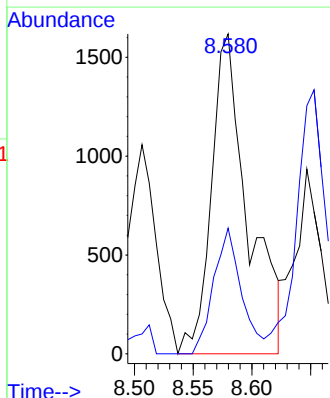
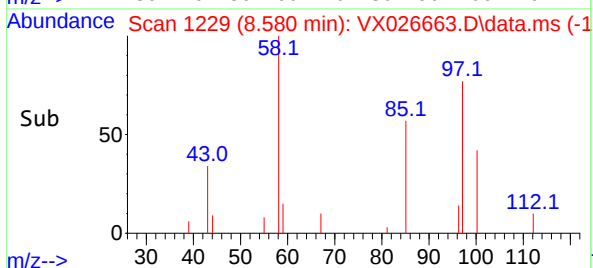
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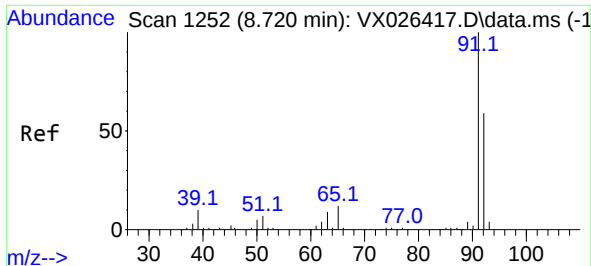


#51
4-Methyl-2-Pentanone
Concen: 1.634 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX026663.D
Acq: 28 Jan 2022 19:50



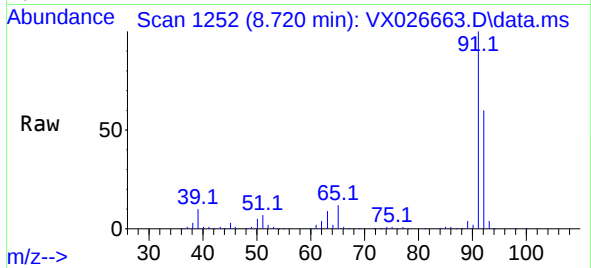
Tgt Ion: 43 Resp: 3493
Ion Ratio Lower Upper
43 100
58 30.1 30.5 45.7#





#52
Toluene
Concen: 73.318 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX026663.D
Acq: 28 Jan 2022 19:50

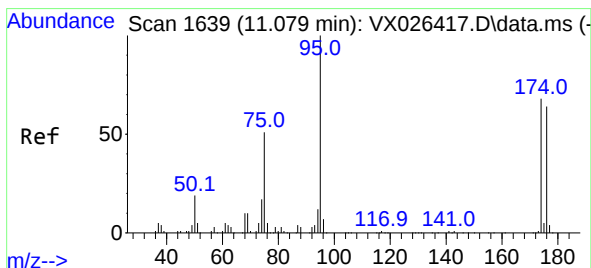
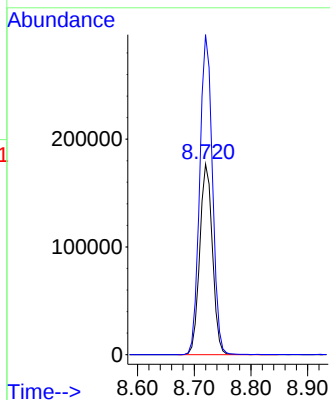
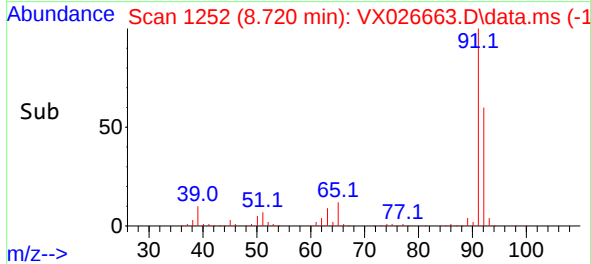
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ClientSampleId :
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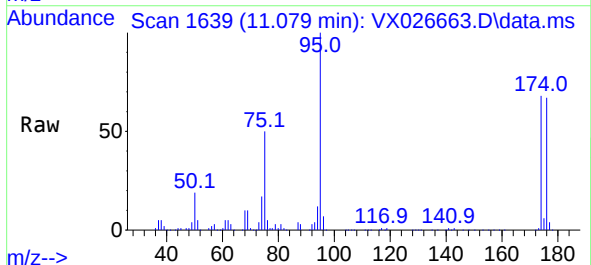
Tgt Ion: 92 Resp: 27408
Ion Ratio Lower Upper
92 100
91 168.6 135.7 203.5

Manual Integrations
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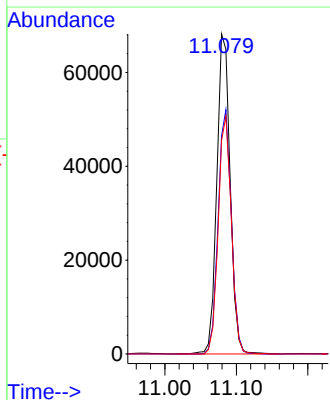
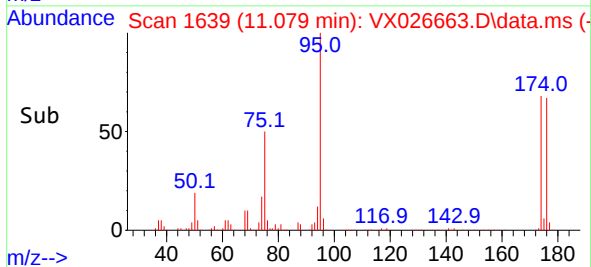
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022

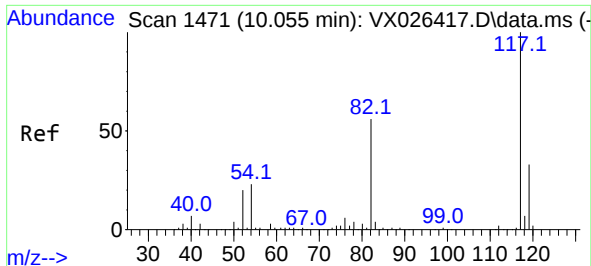


#62
4-Bromofluorobenzene
Concen: 49.363 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026663.D
Acq: 28 Jan 2022 19:50



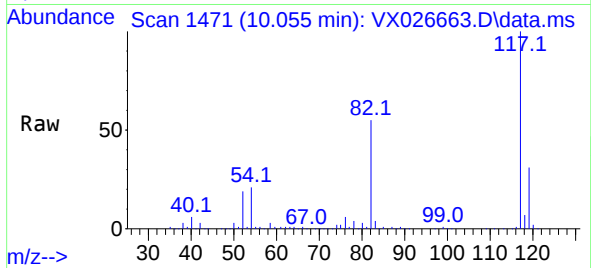
Tgt Ion: 95 Resp: 88283
Ion Ratio Lower Upper
95 100
174 75.5 0.0 148.6
176 73.0 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026663.D
Acq: 28 Jan 2022 19:50

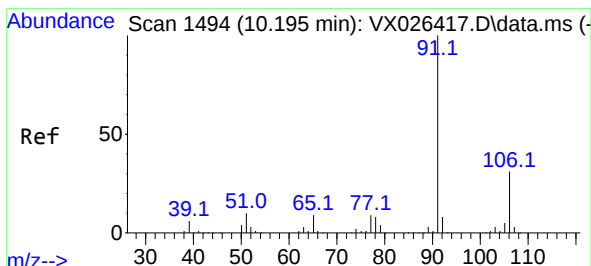
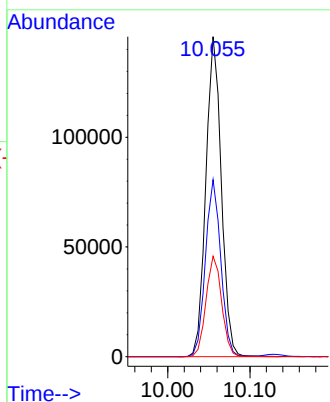
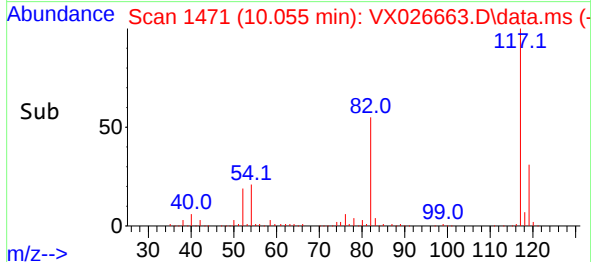
Instrument :
MSVOA_X
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MW-2D



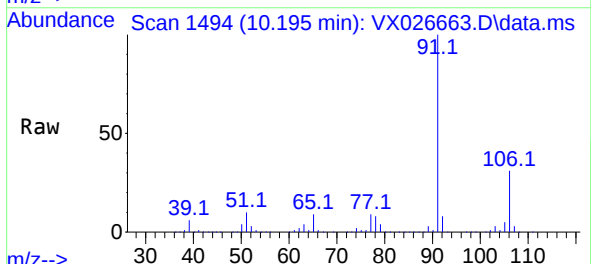
Tgt Ion:117 Resp: 190281
Ion Ratio Lower Upper
117 100
82 55.3 45.2 67.8
119 31.4 26.2 39.2

Manual Integrations
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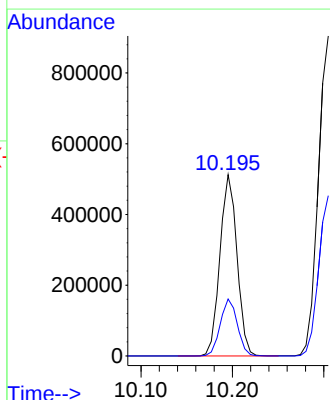
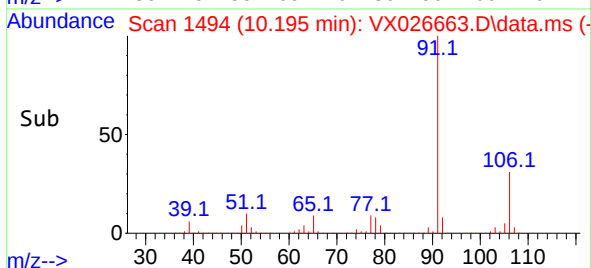
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022

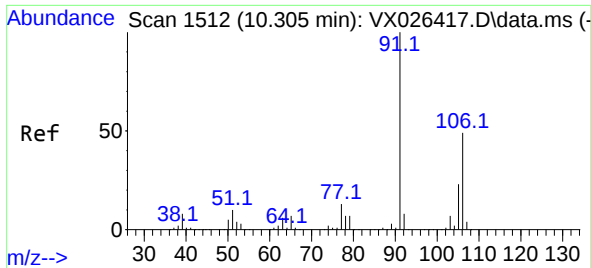


#67
Ethyl Benzene
Concen: 91.532 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX026663.D
Acq: 28 Jan 2022 19:50



Tgt Ion: 91 Resp: 666532
Ion Ratio Lower Upper
91 100
106 31.4 24.7 37.1





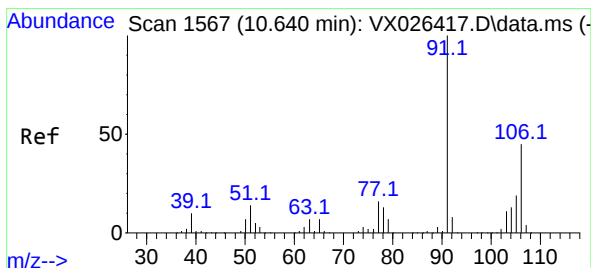
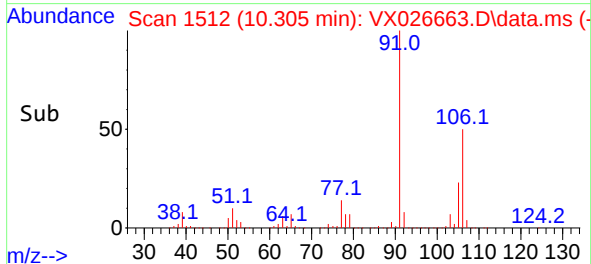
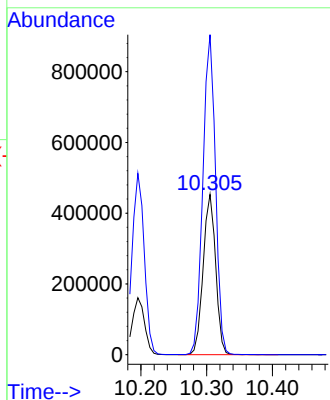
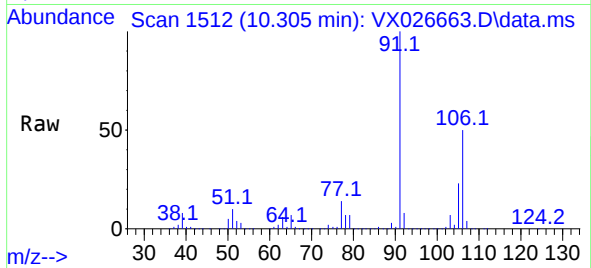
#68
m/p-Xylenes
Concen: 219.977 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX026663.D
Acq: 28 Jan 2022 19:50

Instrument :
MSVOA_X
ClientSampleId :
MW-2D

Tgt Ion:106 Resp: 59946
Ion Ratio Lower Upper
106 100
91 201.2 165.3 247.9

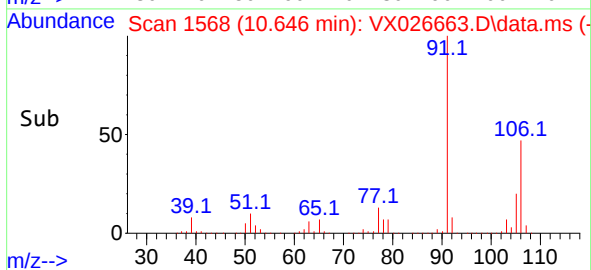
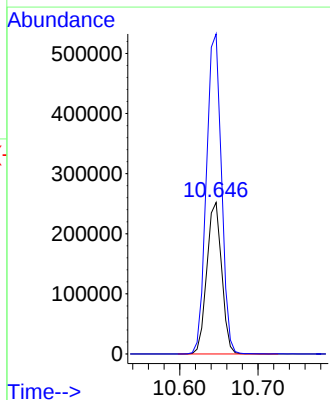
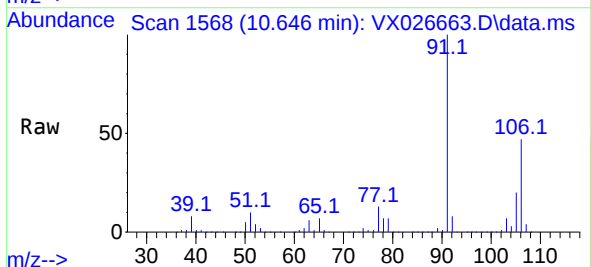
Manual Integrations
APPROVED

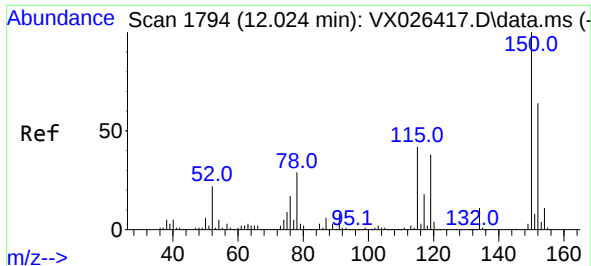
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022



#69
o-Xylene
Concen: 125.892 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX026663.D
Acq: 28 Jan 2022 19:50

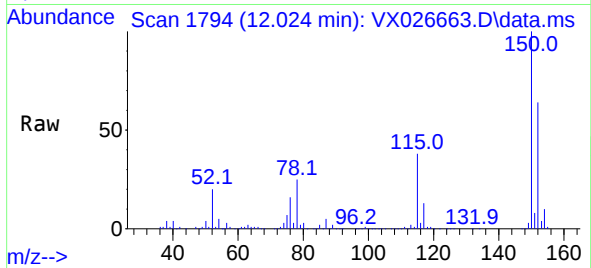
Tgt Ion:106 Resp: 331039
Ion Ratio Lower Upper
106 100
91 214.3 109.7 329.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026663.D
Acq: 28 Jan 2022 19:50

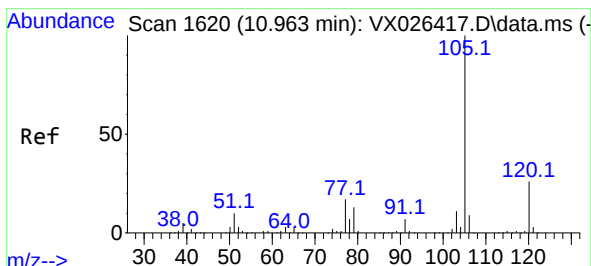
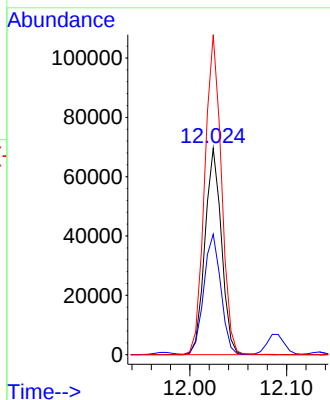
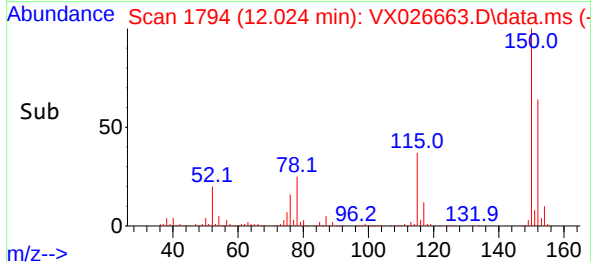
Instrument :
MSVOA_X
ClientSampleId :
MW-2D



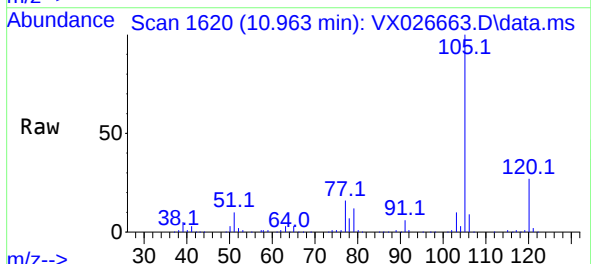
Tgt Ion:152 Resp: 82728
Ion Ratio Lower Upper
152 100
115 59.7 44.2 132.6
150 156.8 0.0 348.2

Manual Integrations
APPROVED

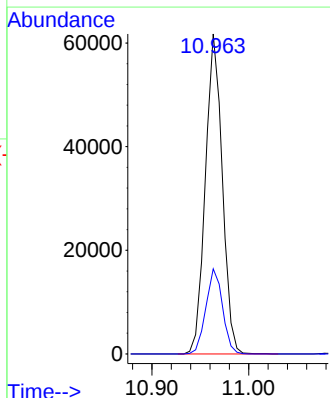
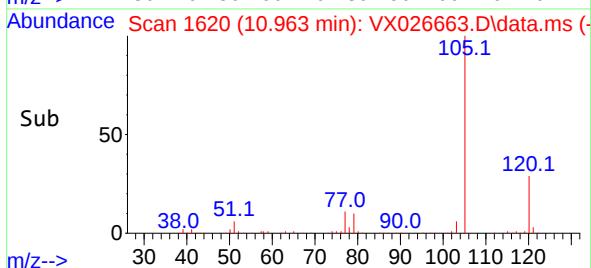
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022

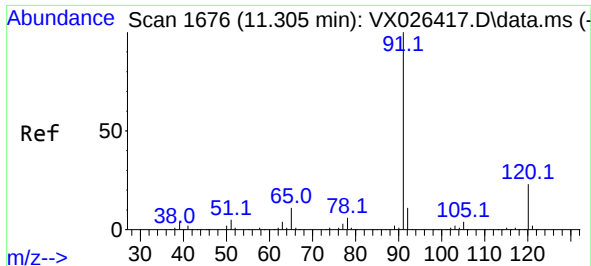


#73
Isopropylbenzene
Concen: 11.084 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX026663.D
Acq: 28 Jan 2022 19:50



Tgt Ion:105 Resp: 75164
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1





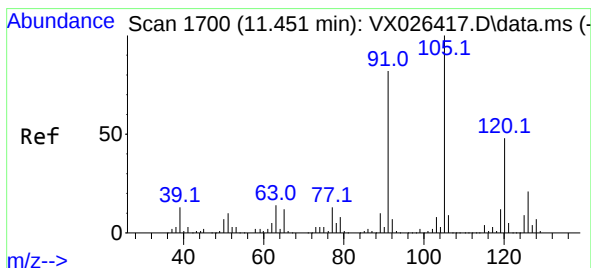
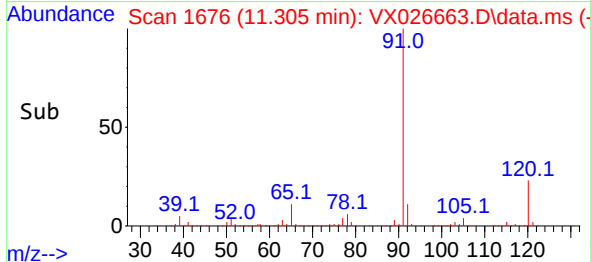
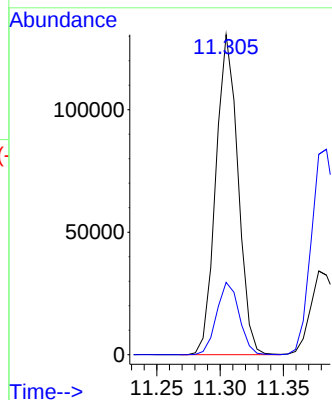
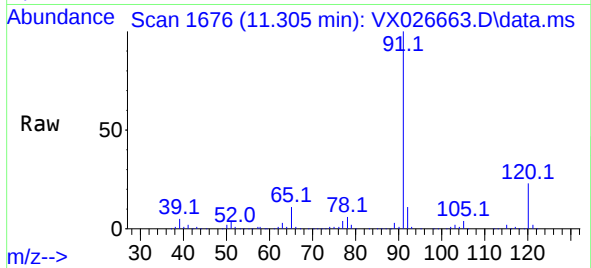
#78
n-propylbenzene
Concen: 20.564 ug/l
RT: 11.305 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX026663.D
Acq: 28 Jan 2022 19:50

Instrument :
MSVOA_X
ClientSampleId :
MW-2D

Tgt Ion: 91 Resp: 15902
Ion Ratio Lower Upper
91 100
120 23.0 11.6 34.7

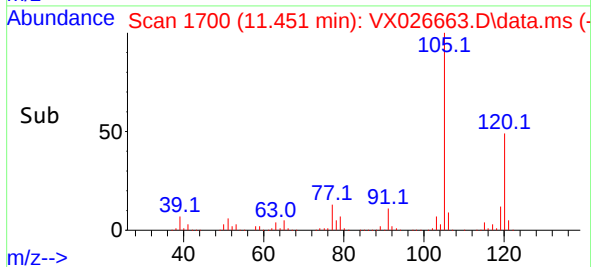
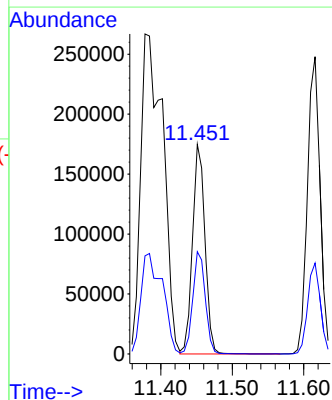
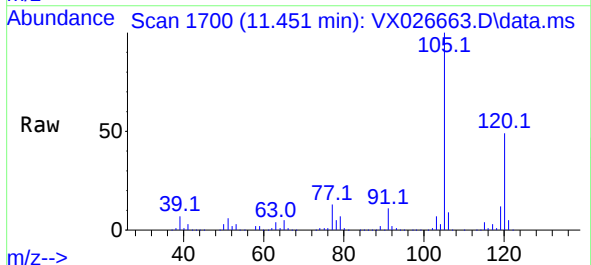
Manual Integrations
APPROVED

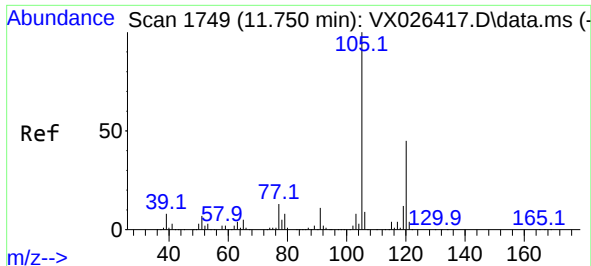
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022



#80
1,3,5-Trimethylbenzene
Concen: 37.785 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX026663.D
Acq: 28 Jan 2022 19:50

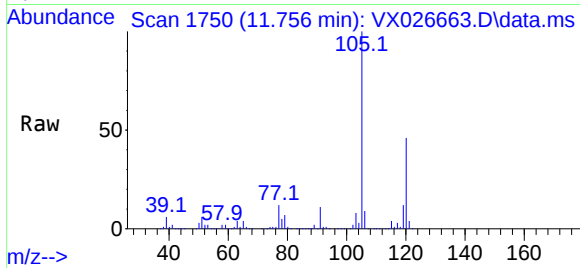
Tgt Ion:105 Resp: 211236
Ion Ratio Lower Upper
105 100
120 49.1 24.0 72.0





#84
1,2,4-Trimethylbenzene
Concen: 119.903 ug/l
RT: 11.756 min Scan# 11749
Delta R.T. 0.006 min
Lab File: VX026663.D
Acq: 28 Jan 2022 19:50

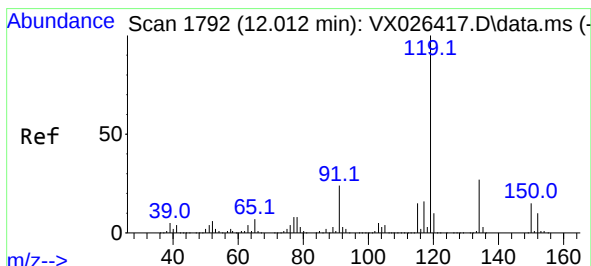
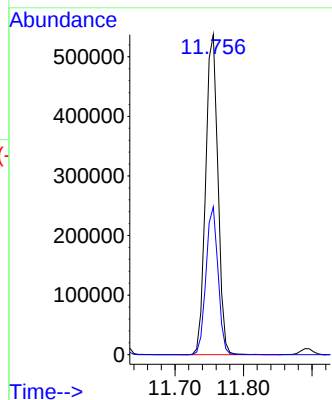
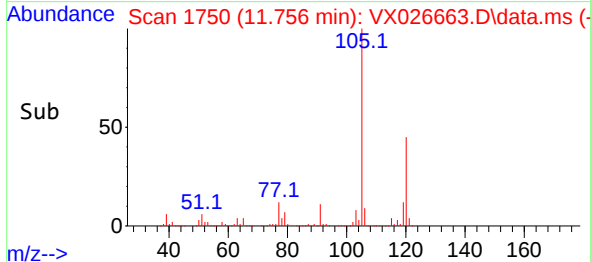
Instrument :
MSVOA_X
ClientSampleId :
MW-2D



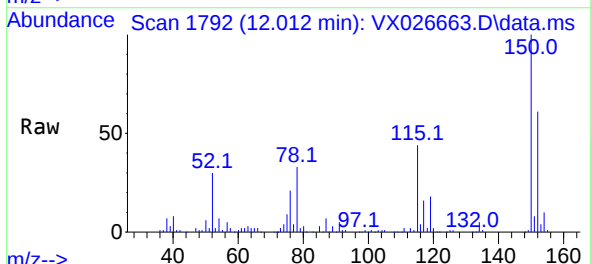
Tgt Ion:105 Resp: 670456
Ion Ratio Lower Upper
105 100
120 45.5 21.9 65.5

Manual Integrations
APPROVED

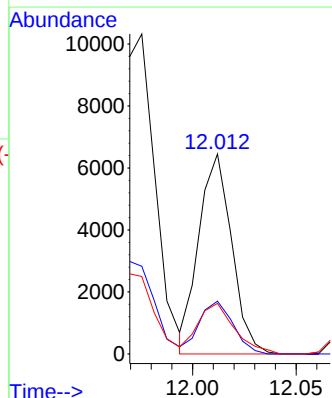
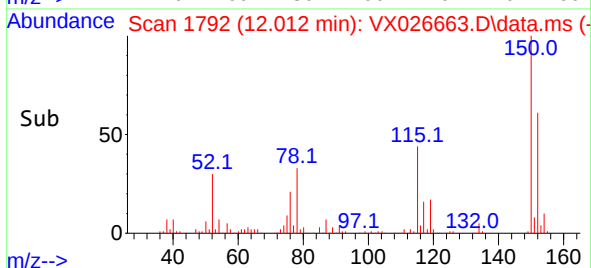
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022

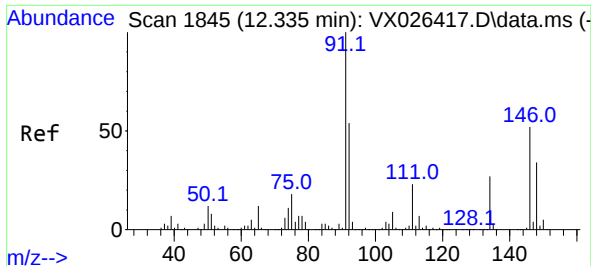


#86
p-Isopropyltoluene
Concen: 1.262 ug/l m
RT: 12.012 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VX026663.D
Acq: 28 Jan 2022 19:50



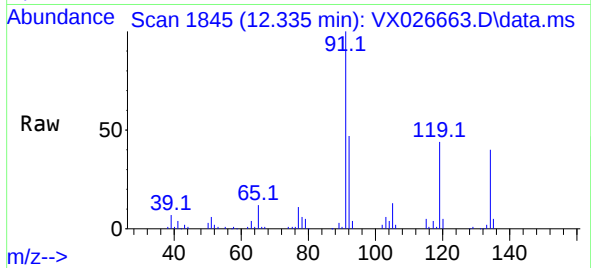
Tgt Ion:119 Resp: 7147
Ion Ratio Lower Upper
119 100
134 52.1 13.0 39.0#
91 45.9 12.6 37.6#





#89
n-Butylbenzene
Concen: 6.266 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX026663.D
Acq: 28 Jan 2022 19:50

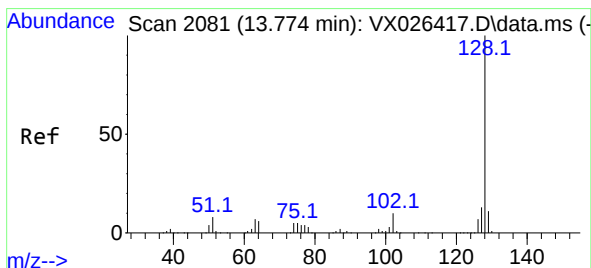
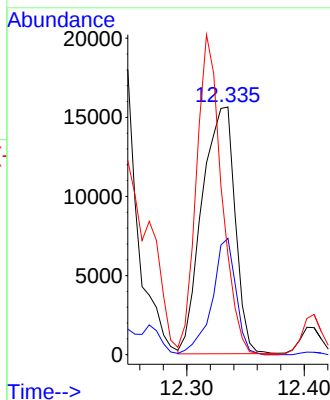
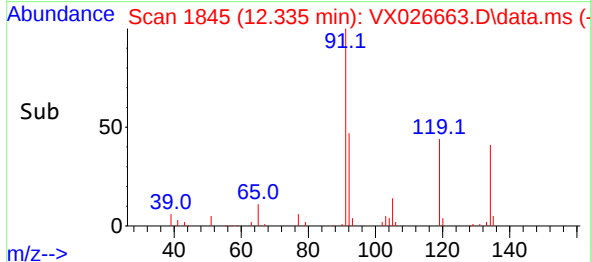
Instrument :
MSVOA_X
ClientSampleId :
MW-2D



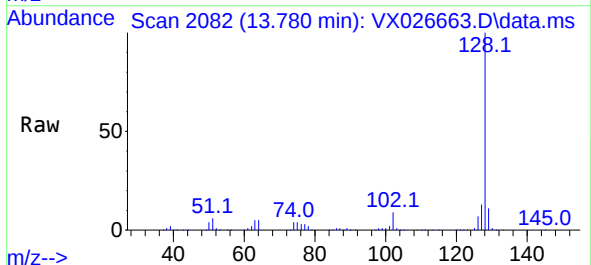
Tgt Ion: 91 Resp: 30450
Ion Ratio Lower Upper
91 100
92 34.2 27.2 81.6
134 99.1 13.1 39.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022



#95
Naphthalene
Concen: 34.046 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX026663.D
Acq: 28 Jan 2022 19:50



Tgt Ion:128 Resp: 200351
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.7 13.1

