

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041422\
 Data File : VX028105.D
 Acq On : 14 Apr 2022 14:27
 Operator : JC/MD
 Sample : N2403-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-33

Quant Time: Apr 15 03:14:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 12 22:07:23 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/15/2022
 Supervised By :Mahesh Dadoda 04/15/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	242144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	404631	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	382452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	241745	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	154361	46.988	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.980%		
35) Dibromofluoromethane	5.391	113	132140	49.837	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.680%		
50) Toluene-d8	8.653	98	496770	50.236	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.480%		
62) 4-Bromofluorobenzene	11.079	95	181641	49.196	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.400%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.953	59	65760	86.237	ug/l #	72
16) Acetone	2.380	43	4837m	3.534	ug/l	
19) Methyl tert-butyl Ether	3.117	73	310580	34.601	ug/l #	1
22) Diisopropyl ether	3.763	45	4773	0.526	ug/l #	88
31) Cyclohexane	5.477	56	112270	24.855	ug/l	94
39) Methylcyclohexane	7.385	83	166243	34.753	ug/l	93
40) Benzene	6.043	78	255967	21.753	ug/l	98
52) Toluene	8.720	92	47959	6.109	ug/l	98
67) Ethyl Benzene	10.195	91	914603	62.238	ug/l	98
68) m/p-Xylenes	10.305	106	1069529	174.297	ug/l	97
69) o-Xylene	10.646	106	366417	61.429	ug/l	99
73) Isopropylbenzene	10.963	105	272722	15.880	ug/l	99
78) n-propylbenzene	11.305	91	896811	44.933	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	1704911	114.925	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	6046270	416.295	ug/l	89
85) sec-Butylbenzene	11.890	105	102913m	5.618	ug/l	
86) p-Isopropyltoluene	12.012	119	45436m	2.927	ug/l	
95) Naphthalene	13.780	128	1079796	67.689	ug/l	99

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

Manual Integrations

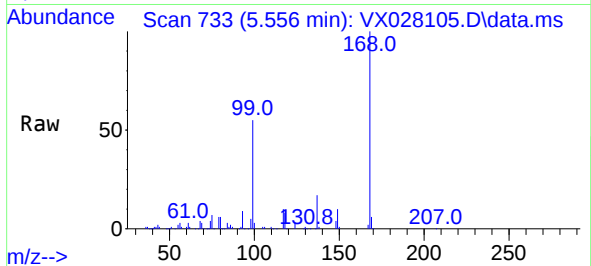
Quant Time: Apr 15 03:14:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 12 22:07:23 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028105.D
Acq: 14 Apr 2022 14:27

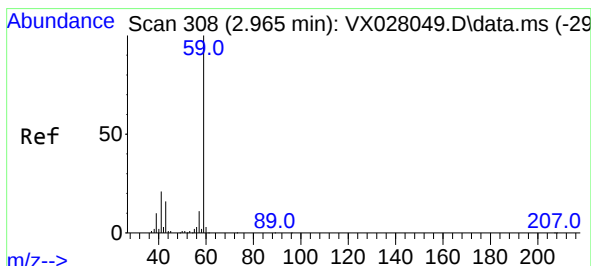
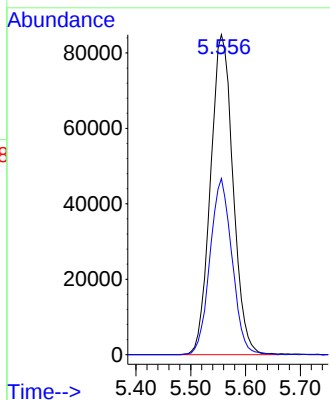
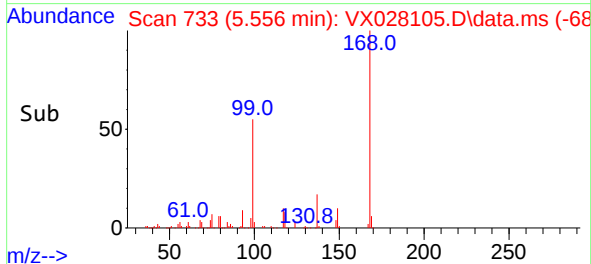
Instrument :
MSVOA_X
ClientSampleId :
MW-33



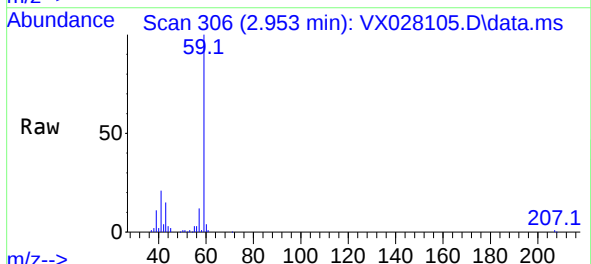
Tgt Ion:168 Resp: 242144
Ion Ratio Lower Upper
168 100
99 55.1 41.7 62.5

Manual Integrations
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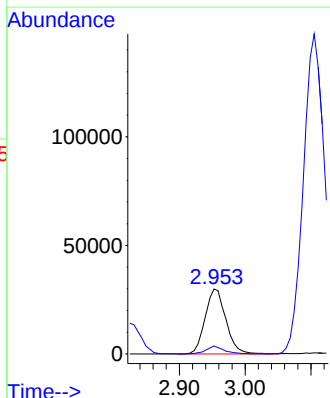
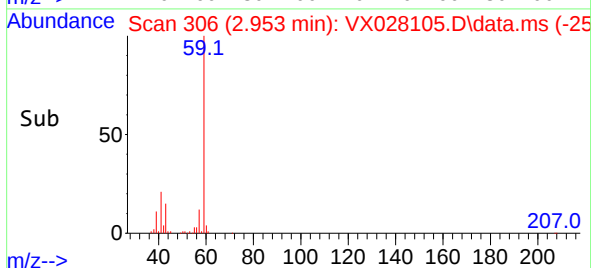
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022

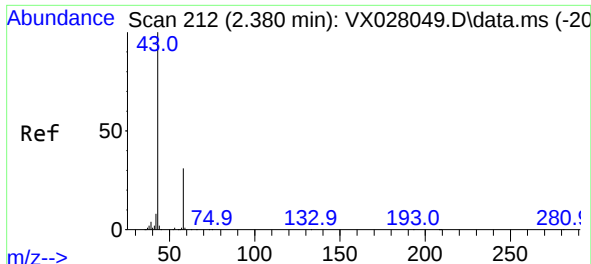


#11
Tert butyl alcohol
Concen: 86.237 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX028105.D
Acq: 14 Apr 2022 14:27



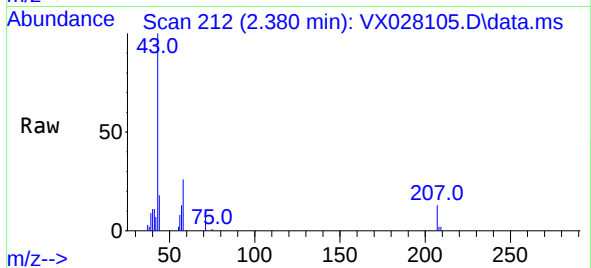
Tgt Ion: 59 Resp: 65760
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#16
Acetone
Concen: 3.534 ug/l m
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028105.D
Acq: 14 Apr 2022 14:27

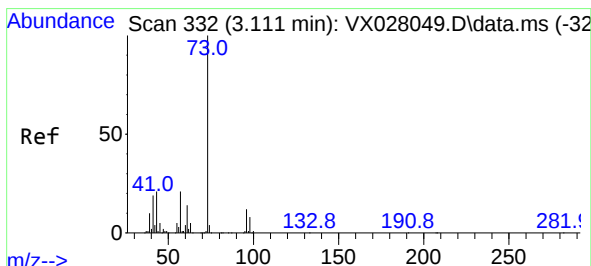
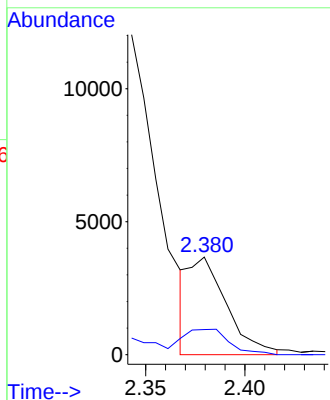
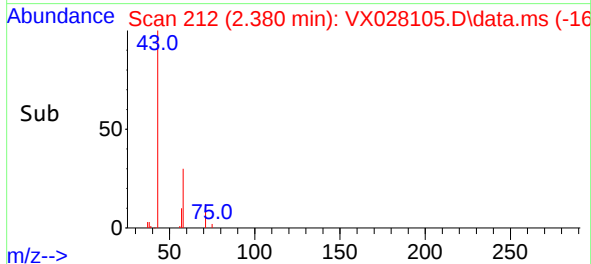
Instrument :
MSVOA_X
ClientSampleId :
MW-33



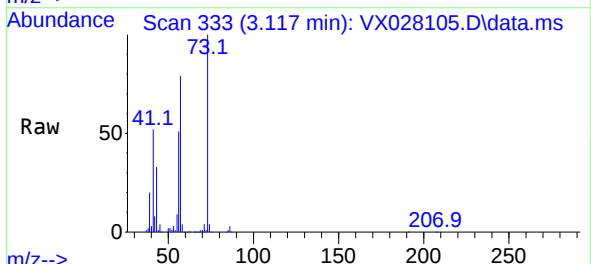
Tgt Ion: 43 Resp: 483
Ion Ratio Lower Upper
43 100
58 25.8 28.8 43.2

Manual Integrations
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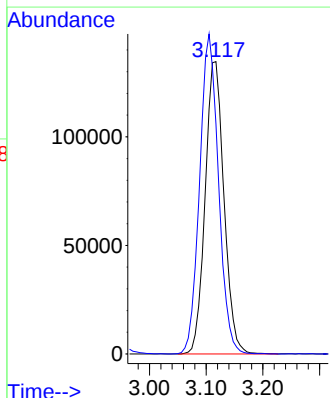
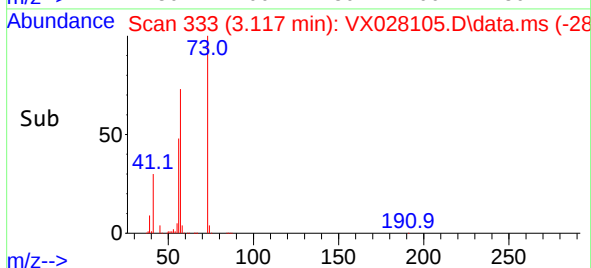
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022

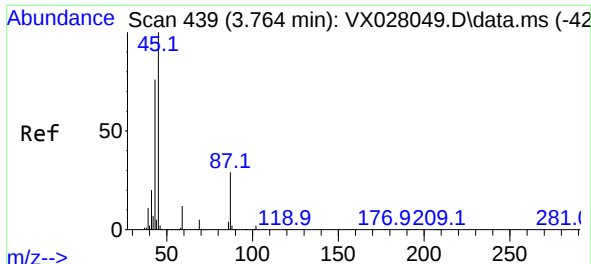


#19
Methyl tert-butyl Ether
Concen: 34.601 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX028105.D
Acq: 14 Apr 2022 14:27



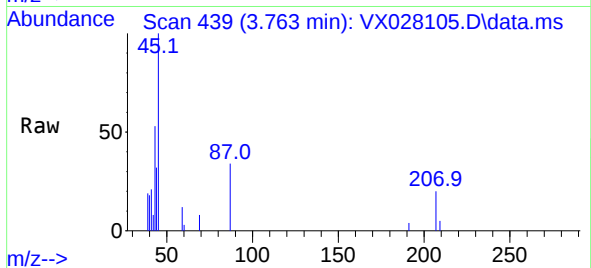
Tgt Ion: 73 Resp: 310580
Ion Ratio Lower Upper
73 100
57 78.6 16.8 25.2





#22
Diisopropyl ether
Concen: 0.526 ug/l
RT: 3.763 min Scan# 41
Delta R.T. -0.001 min
Lab File: VX028105.D
Acq: 14 Apr 2022 14:27

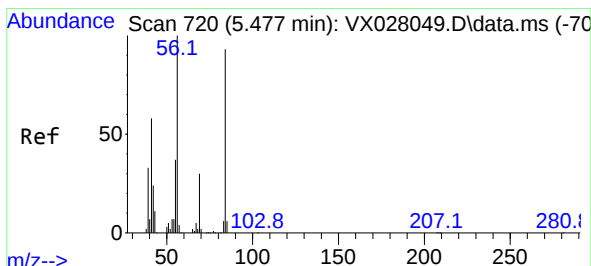
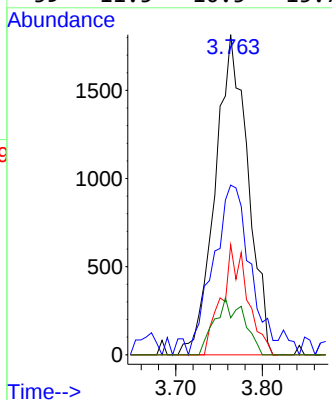
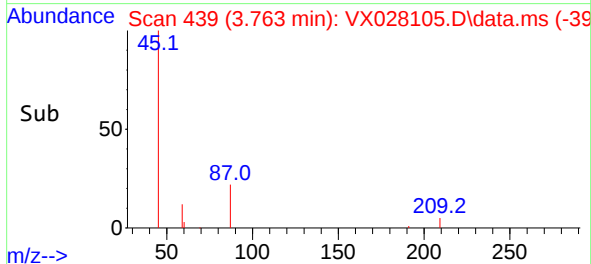
Instrument :
MSVOA_X
ClientSampleId :
MW-33



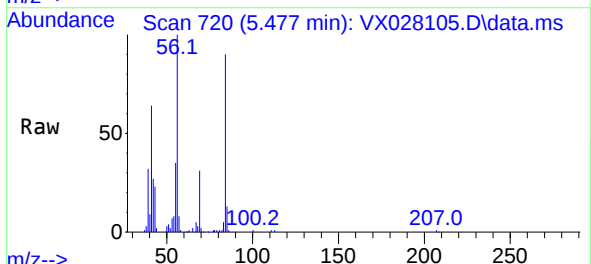
Tgt Ion: 45 Resp: 477
Ion Ratio Lower Upper
45 100
43 48.6 50.8 76.2
87 34.4 26.6 39.8
59 11.5 10.5 15.7

Manual Integrations
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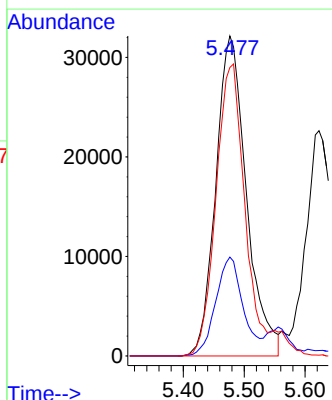
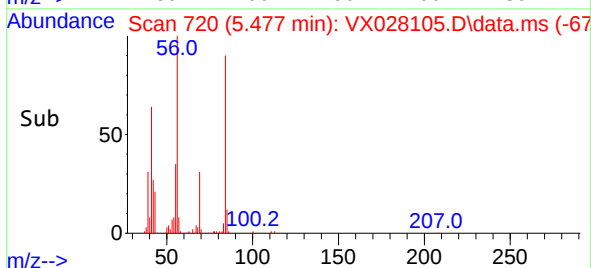
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022

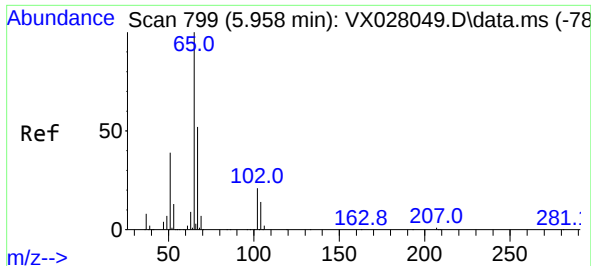


#31
Cyclohexane
Concen: 24.855 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.000 min
Lab File: VX028105.D
Acq: 14 Apr 2022 14:27



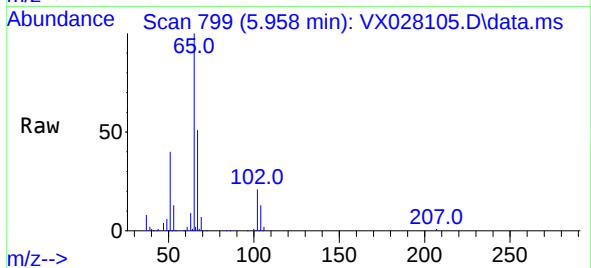
Tgt Ion: 56 Resp: 112270
Ion Ratio Lower Upper
56 100
69 30.9 26.7 40.1
84 90.1 77.2 115.8





#33
1,2-Dichloroethane-d4
Concen: 46.988 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028105.D
Acq: 14 Apr 2022 14:27

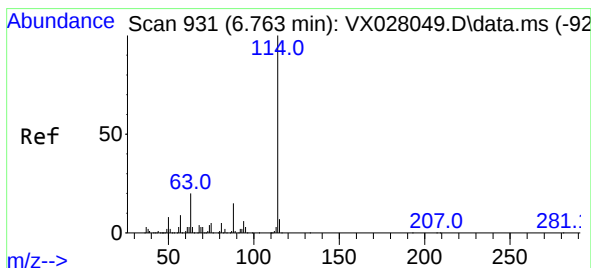
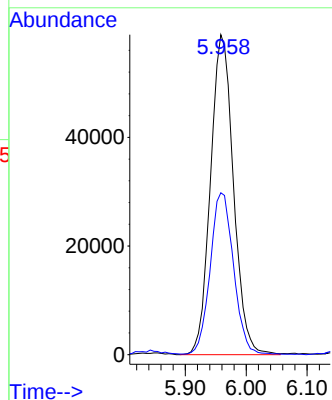
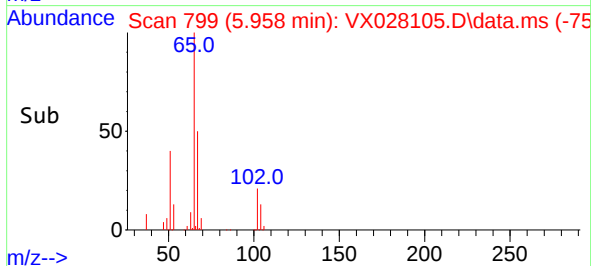
Instrument :
MSVOA_X
ClientSampleId :
MW-33



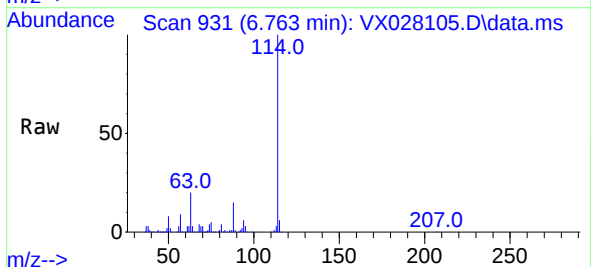
Tgt Ion: 65 Resp: 15436
Ion Ratio Lower Upper
65 100
67 51.3 0.0 107.4

Manual Integrations
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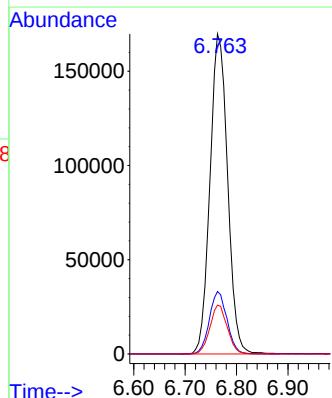
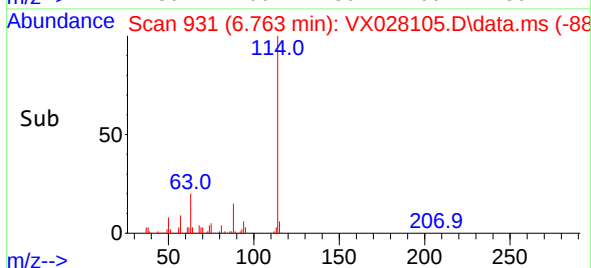
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022

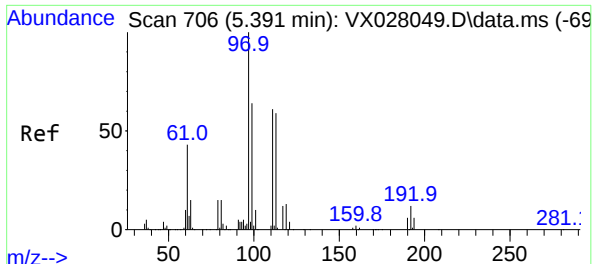


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX028105.D
Acq: 14 Apr 2022 14:27



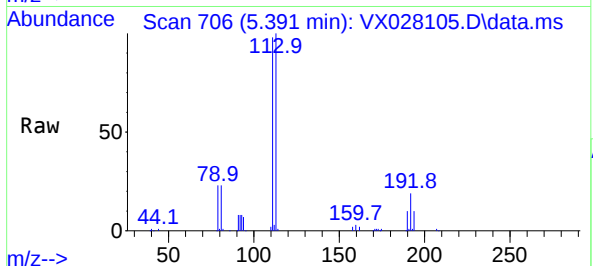
Tgt Ion:114 Resp: 404631
Ion Ratio Lower Upper
114 100
63 19.5 0.0 36.8
88 15.3 0.0 32.4





#35
Dibromofluoromethane
Concen: 49.837 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX028105.D
Acq: 14 Apr 2022 14:27

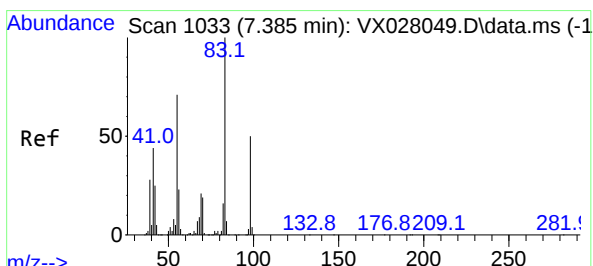
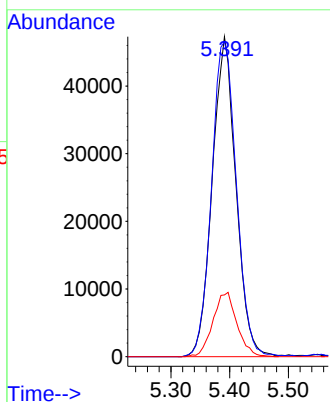
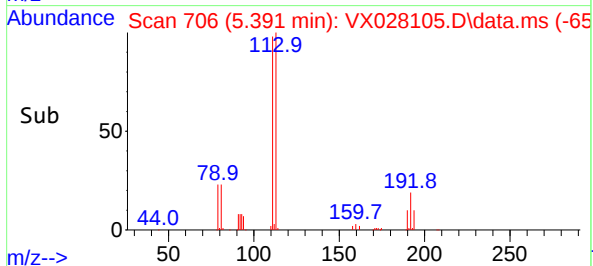
Instrument :
MSVOA_X
Client Sample Id :
MW-33



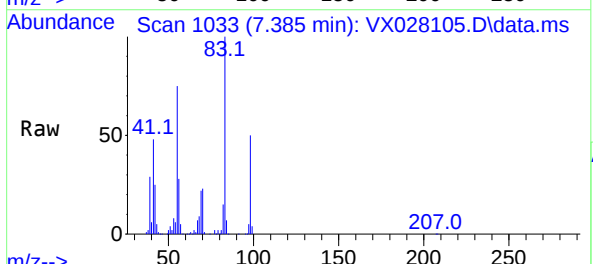
Tgt Ion: 113 Resp: 132140
Ion Ratio Lower Upper
113 100
111 103.3 82.8 124.2
192 20.4 16.9 25.3

Manual Integrations
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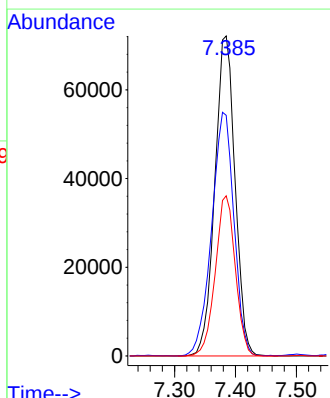
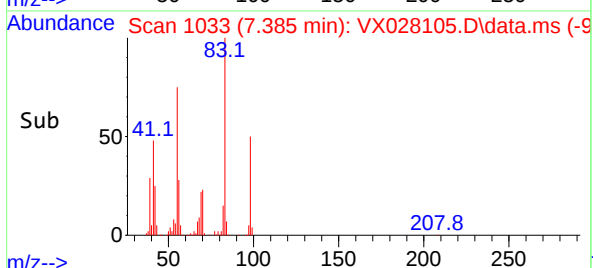
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022

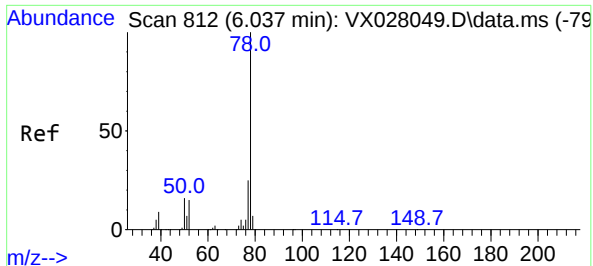


#39
Methylcyclohexane
Concen: 34.753 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX028105.D
Acq: 14 Apr 2022 14:27



Tgt Ion: 83 Resp: 166243
Ion Ratio Lower Upper
83 100
55 75.1 54.6 81.8
98 50.1 37.4 56.2





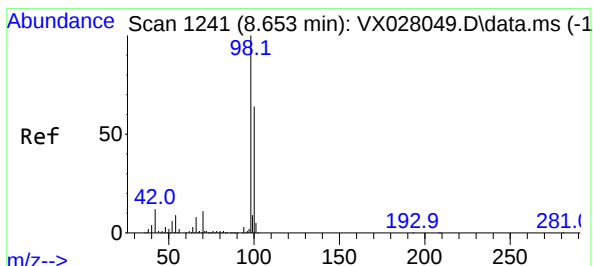
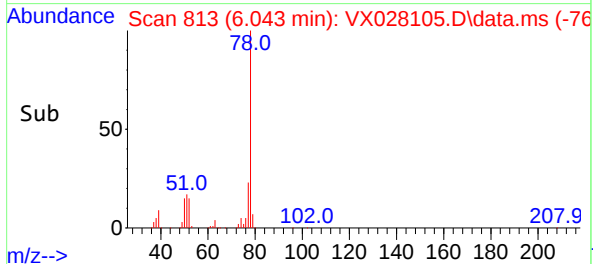
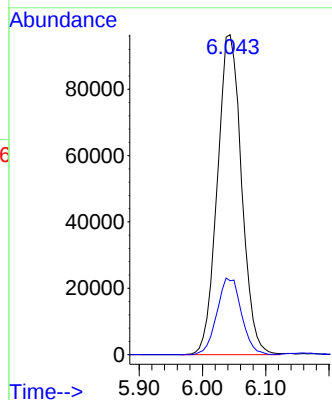
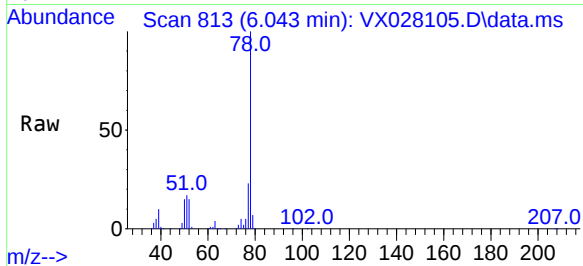
#40
Benzene
Concen: 21.753 ug/l
RT: 6.043 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX028105.D
Acq: 14 Apr 2022 14:27

Instrument :
MSVOA_X
ClientSampleId :
MW-33

Tgt Ion: 78 Resp: 25596
Ion Ratio Lower Upper
78 100
77 23.1 19.3 28.9

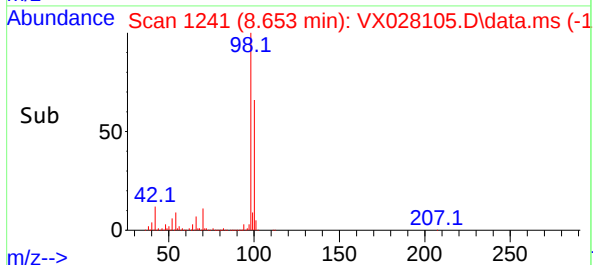
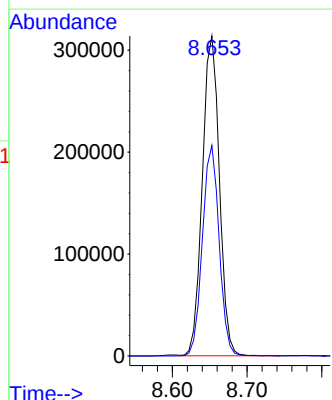
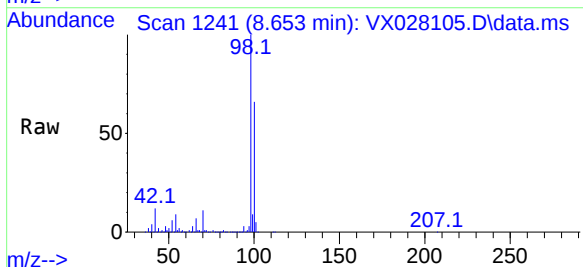
Manual Integrations
APPROVED

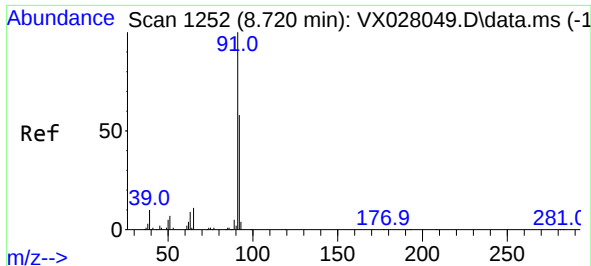
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022



#50
Toluene-d8
Concen: 50.236 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028105.D
Acq: 14 Apr 2022 14:27

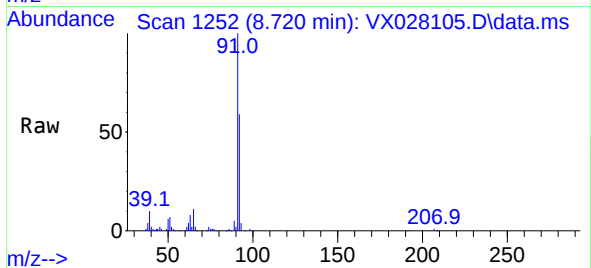
Tgt Ion: 98 Resp: 496770
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8





#52
Toluene
Concen: 6.109 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX028105.D
Acq: 14 Apr 2022 14:27

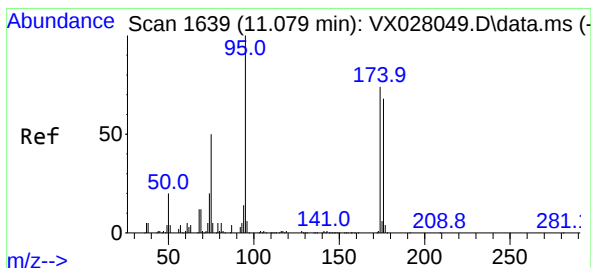
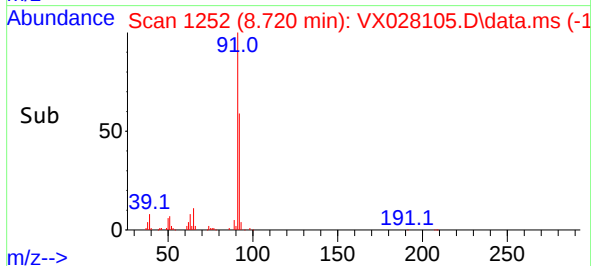
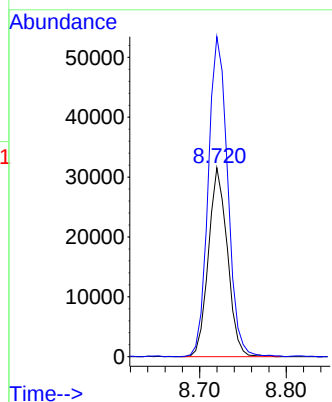
Instrument :
MSVOA_X
ClientSampleId :
MW-33



Tgt Ion: 92 Resp: 47959
Ion Ratio Lower Upper
92 100
91 174.1 137.5 206.3

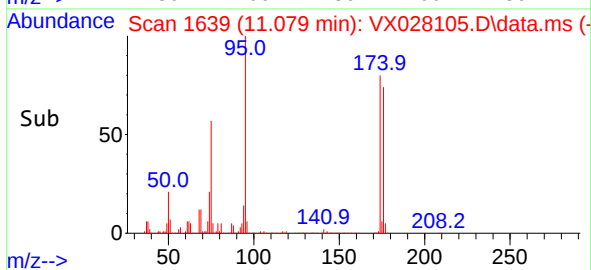
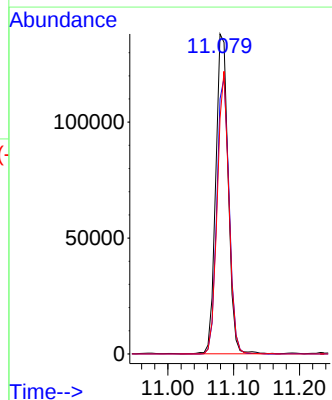
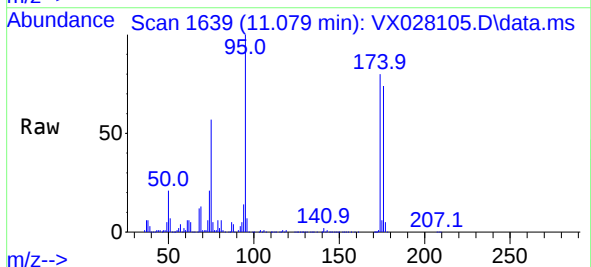
Manual Integrations
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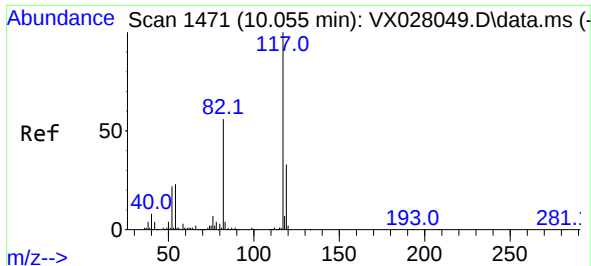
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022



#62
4-Bromofluorobenzene
Concen: 49.196 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028105.D
Acq: 14 Apr 2022 14:27

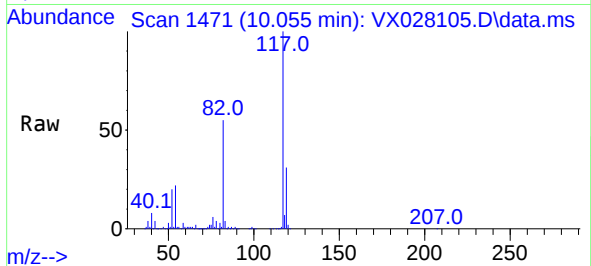
Tgt Ion: 95 Resp: 181641
Ion Ratio Lower Upper
95 100
174 85.2 0.0 163.0
176 82.7 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028105.D
Acq: 14 Apr 2022 14:27

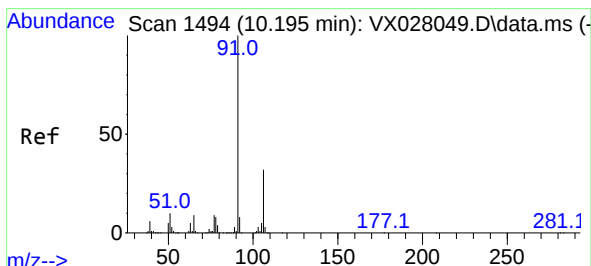
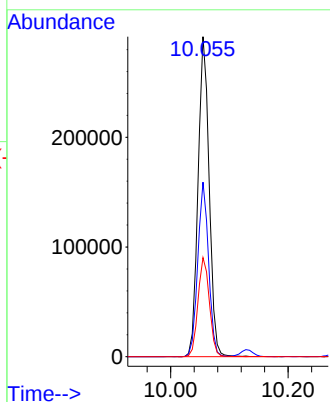
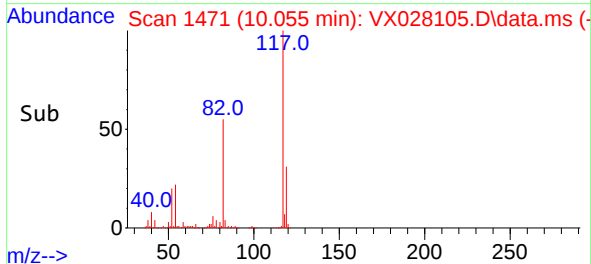
Instrument :
MSVOA_X
ClientSampleId :
MW-33



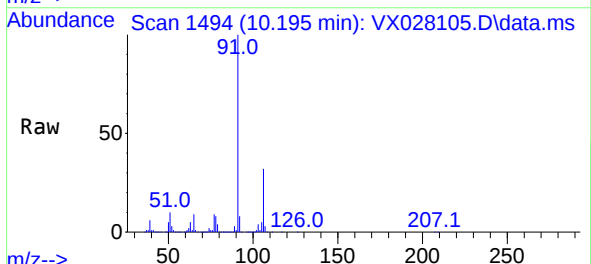
Tgt Ion:117 Resp: 382452
Ion Ratio Lower Upper
117 100
82 54.5 41.8 62.8
119 31.0 24.8 37.2

Manual Integrations
APPROVED

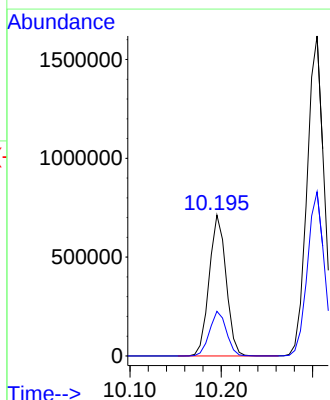
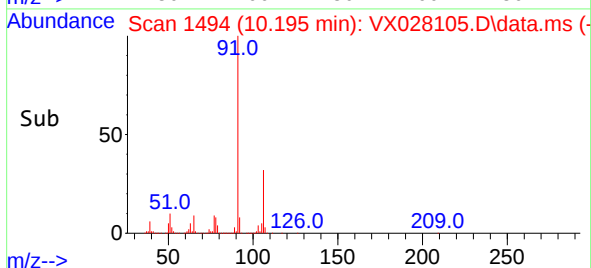
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022

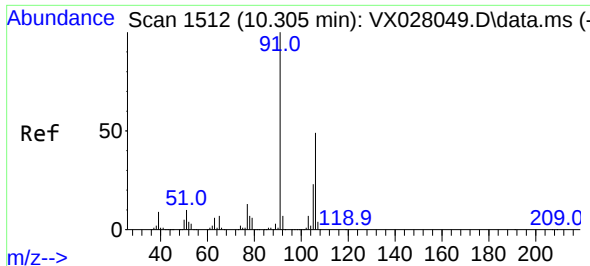


#67
Ethyl Benzene
Concen: 62.238 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028105.D
Acq: 14 Apr 2022 14:27



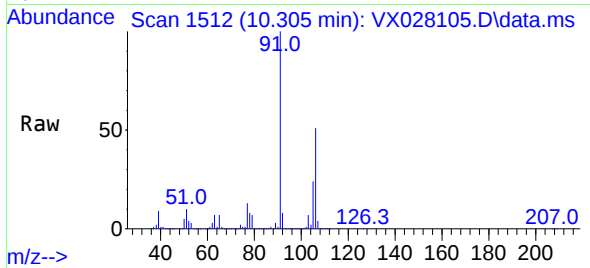
Tgt Ion: 91 Resp: 914603
Ion Ratio Lower Upper
91 100
106 31.7 24.6 36.8





#68
m/p-Xylenes
Concen: 174.297 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX028105.D
Acq: 14 Apr 2022 14:27

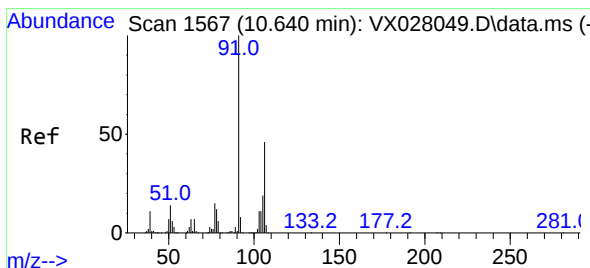
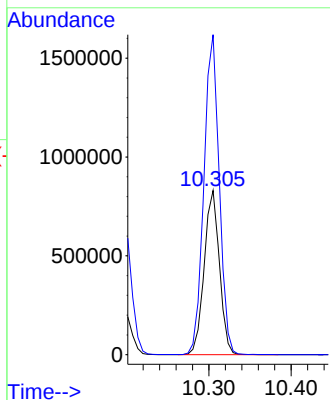
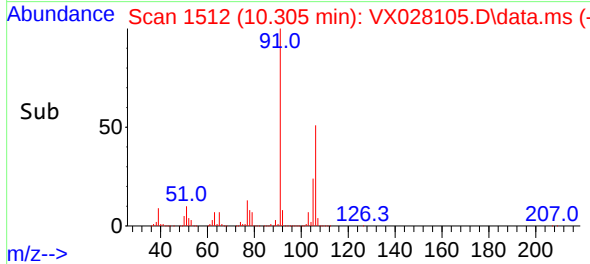
Instrument :
MSVOA_X
ClientSampleId :
MW-33



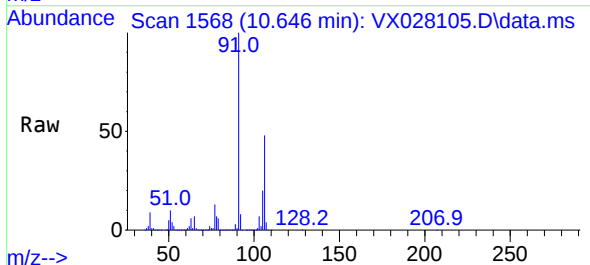
Tgt Ion:106 Resp: 1069529
Ion Ratio Lower Upper
106 100
91 196.1 160.4 240.6

Manual Integrations
APPROVED

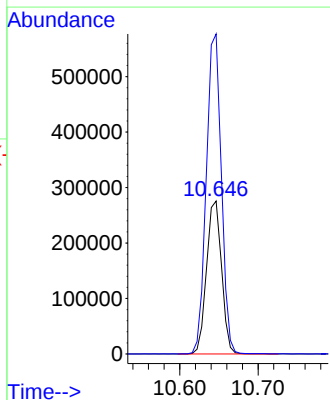
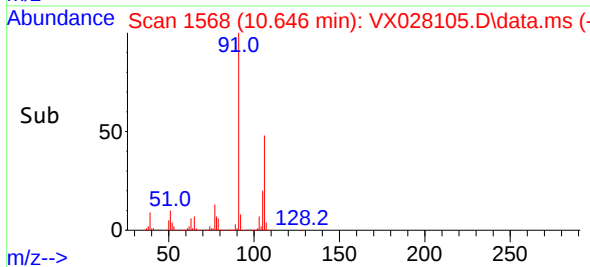
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022

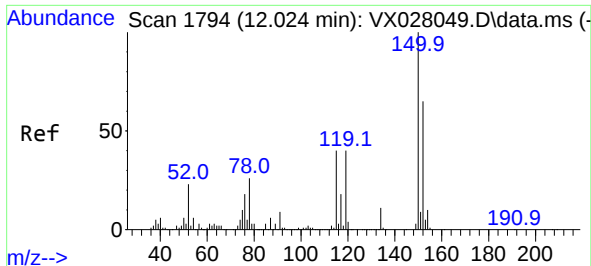


#69
o-Xylene
Concen: 61.429 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX028105.D
Acq: 14 Apr 2022 14:27



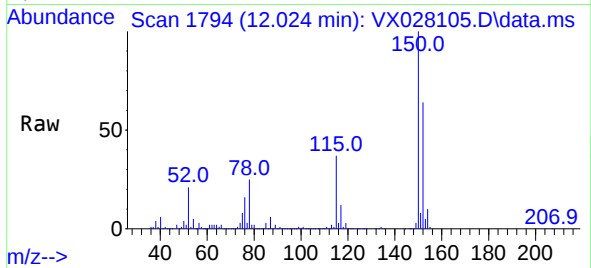
Tgt Ion:106 Resp: 366417
Ion Ratio Lower Upper
106 100
91 209.8 106.1 318.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028105.D
Acq: 14 Apr 2022 14:27

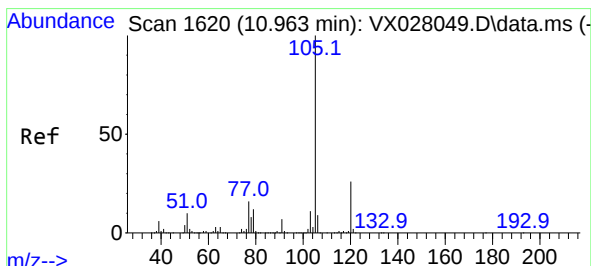
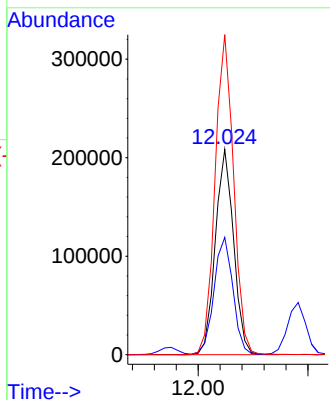
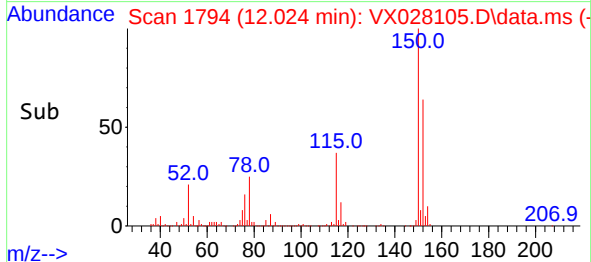
Instrument :
MSVOA_X
ClientSampleId :
MW-33



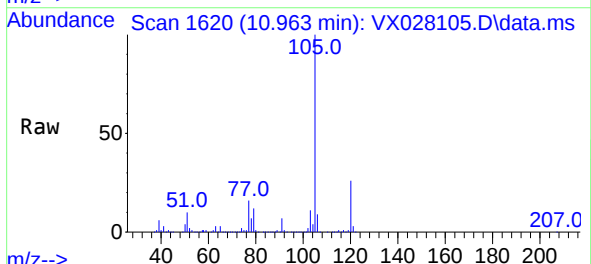
Tgt Ion:152 Resp: 241749
Ion Ratio Lower Upper
152 100
115 58.8 37.5 112.7
150 157.6 0.0 338.2

Manual Integrations
APPROVED

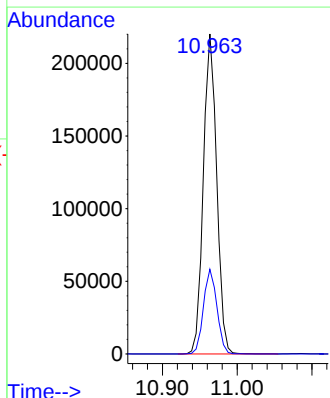
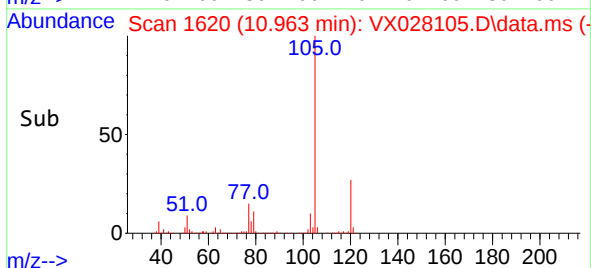
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022

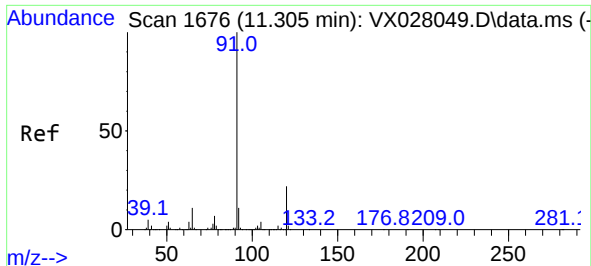


#73
Isopropylbenzene
Concen: 15.880 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028105.D
Acq: 14 Apr 2022 14:27



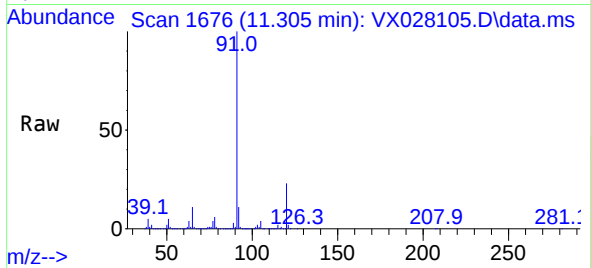
Tgt Ion:105 Resp: 272722
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.5





#78
n-propylbenzene
Concen: 44.933 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX028105.D
Acq: 14 Apr 2022 14:27

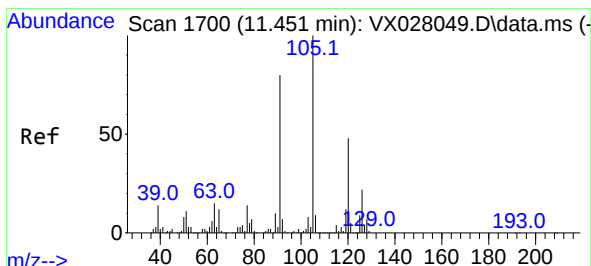
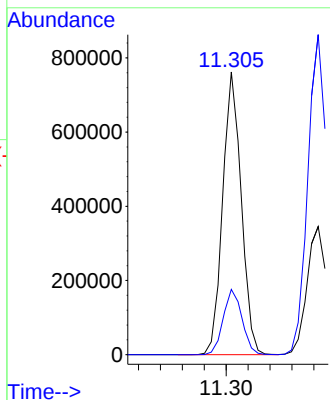
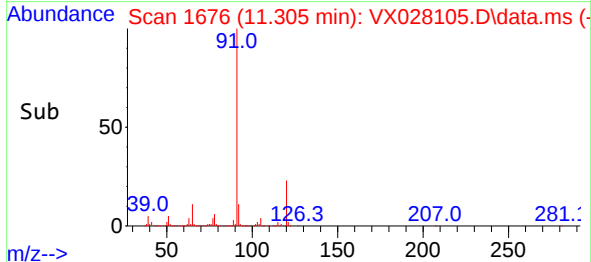
Instrument :
MSVOA_X
ClientSampleId :
MW-33



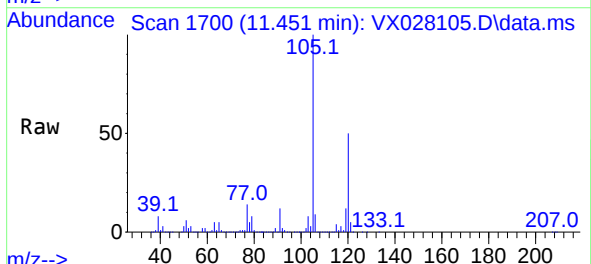
Tgt Ion: 91 Resp: 896811
Ion Ratio Lower Upper
91 100
120 23.3 11.6 34.8

Manual Integrations
APPROVED

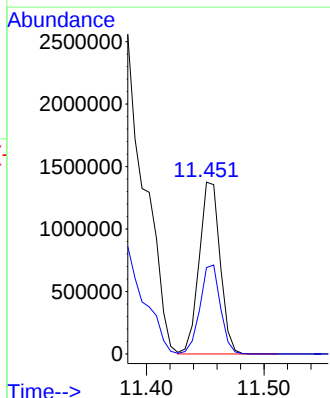
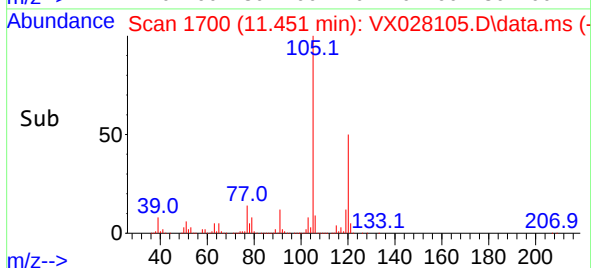
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022

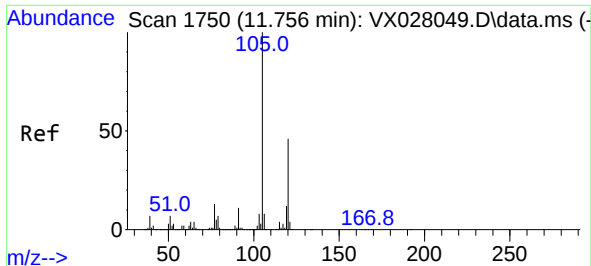


#80
1,3,5-Trimethylbenzene
Concen: 114.925 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028105.D
Acq: 14 Apr 2022 14:27



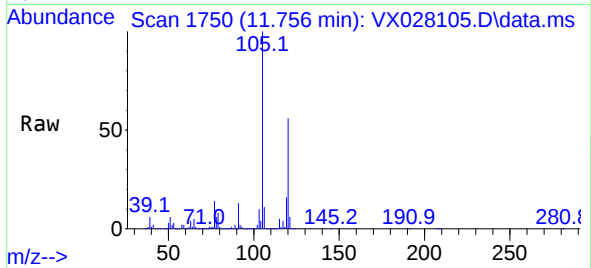
Tgt Ion:105 Resp: 1704911
Ion Ratio Lower Upper
105 100
120 50.4 24.3 72.9





#84
1,2,4-Trimethylbenzene
Concen: 416.295 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX028105.D
Acq: 14 Apr 2022 14:27

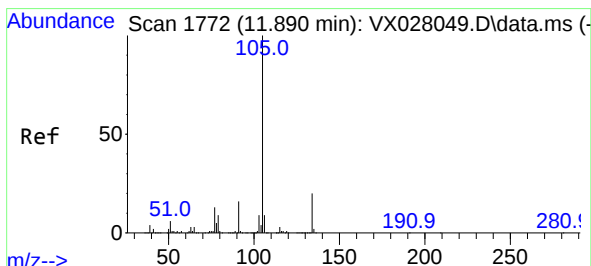
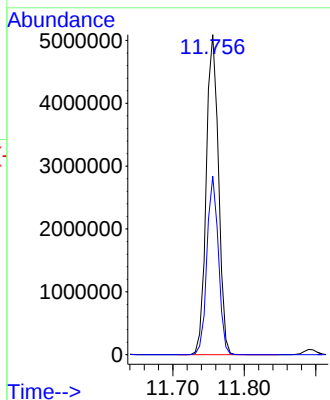
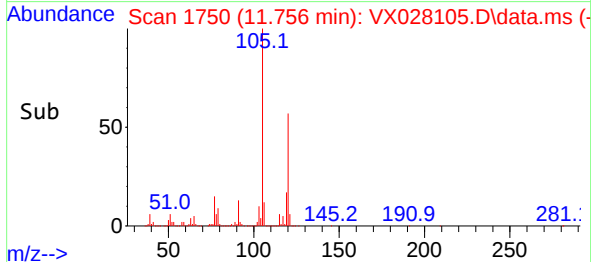
Instrument :
MSVOA_X
ClientSampleId :
MW-33



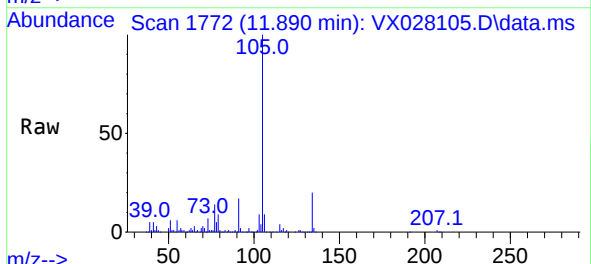
Tgt Ion:105 Resp: 6046270
Ion Ratio Lower Upper
105 100
120 52.3 22.6 67.8

Manual Integrations
APPROVED

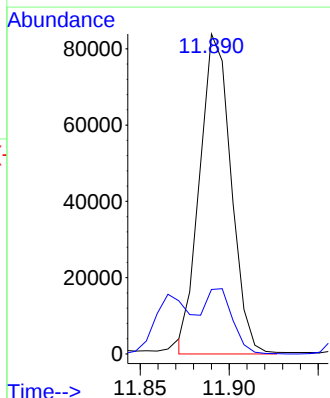
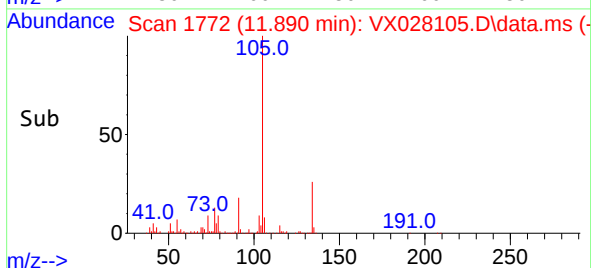
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022

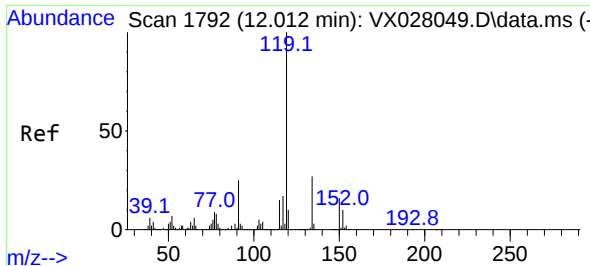


#85
sec-Butylbenzene
Concen: 5.618 ug/l m
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX028105.D
Acq: 14 Apr 2022 14:27



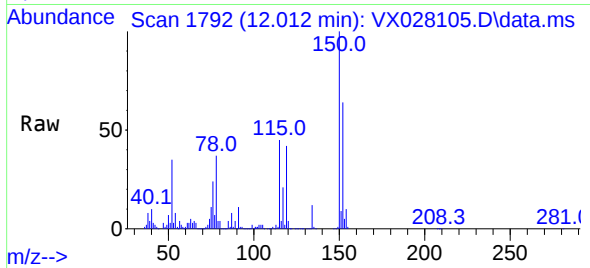
Tgt Ion:105 Resp: 102913
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#





#86
p-Isopropyltoluene
Concen: 2.927 ug/l m
RT: 12.012 min Scan# 119
Delta R.T. -0.000 min
Lab File: VX028105.D
Acq: 14 Apr 2022 14:27

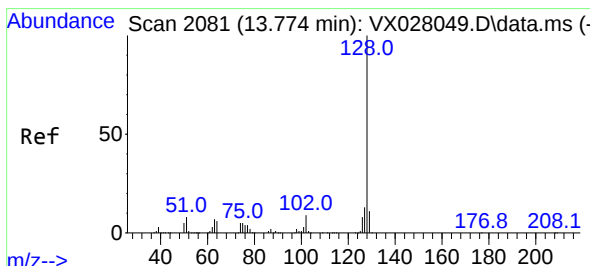
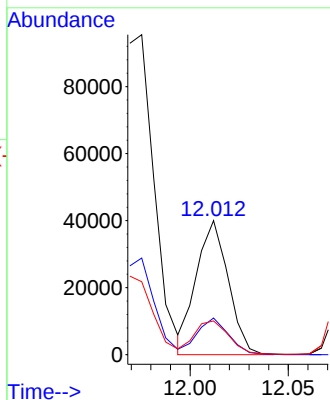
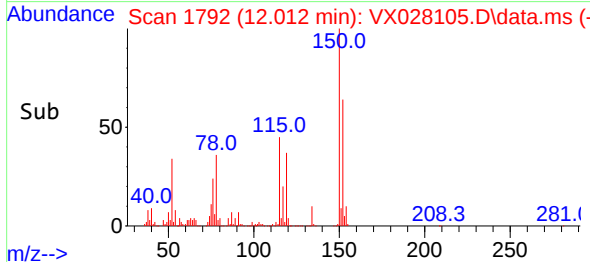
Instrument :
MSVOA_X
ClientSampleId :
MW-33



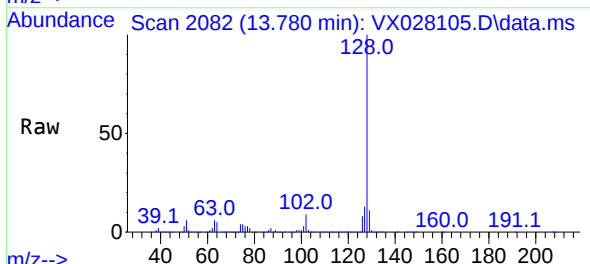
Tgt Ion:119 Resp: 45430
Ion Ratio Lower Upper
119 100
134 76.0 13.0 39.0
91 64.3 11.3 33.9

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022



#95
Naphthalene
Concen: 67.689 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX028105.D
Acq: 14 Apr 2022 14:27



Tgt Ion:128 Resp: 1079796
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.1 8.7 13.1

