

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041422\
 Data File : VX028107.D
 Acq On : 14 Apr 2022 15:14
 Operator : JC/MD
 Sample : N2403-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-46

Manual Integrations
 APPROVED

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

Quant Time: Apr 15 03:14:46 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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	244018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	425471	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	416071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	375884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	157921	47.703	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.400%		
35) Dibromofluoromethane	5.385	113	136582	48.989	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.980%		
50) Toluene-d8	8.653	98	542978	52.220	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.440%		
62) 4-Bromofluorobenzene	11.085	95	312540	80.503	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	161.000%#		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	35935	46.763	ug/l #	72
16) Acetone	2.380	43	36375	26.372	ug/l #	87
17) Carbon Disulfide	2.514	76	2545	0.402	ug/l	98
25) 2-Butanone	4.568	43	20094	8.428	ug/l	90
31) Cyclohexane	5.477	56	862089	189.386	ug/l	98
39) Methylcyclohexane	7.385	83	723910	143.921	ug/l	94
40) Benzene	6.043	78	50391	4.073	ug/l	99
52) Toluene	8.720	92	622178	75.371	ug/l	99
67) Ethyl Benzene	10.201	91	16265633	1017.434	ug/l #	21
68) m/p-Xylenes	10.317	106	19531134	2925.724	ug/l #	1
69) o-Xylene	10.652	106	10159607	1565.615	ug/l	58
73) Isopropylbenzene	10.963	105	2046143	76.627	ug/l	99
78) n-propylbenzene	11.311	91	5105550	164.516	ug/l	92
80) 1,3,5-Trimethylbenzene	11.457	105	5704513	247.307	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	16332032m	723.198	ug/l	
85) sec-Butylbenzene	11.896	105	228428m	8.020	ug/l	
86) p-Isopropyltoluene	12.012	119	141770m	5.874	ug/l	
89) n-Butylbenzene	12.329	91	662276	32.058	ug/l #	16
95) Naphthalene	13.780	128	10243014	412.959	ug/l #	89

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

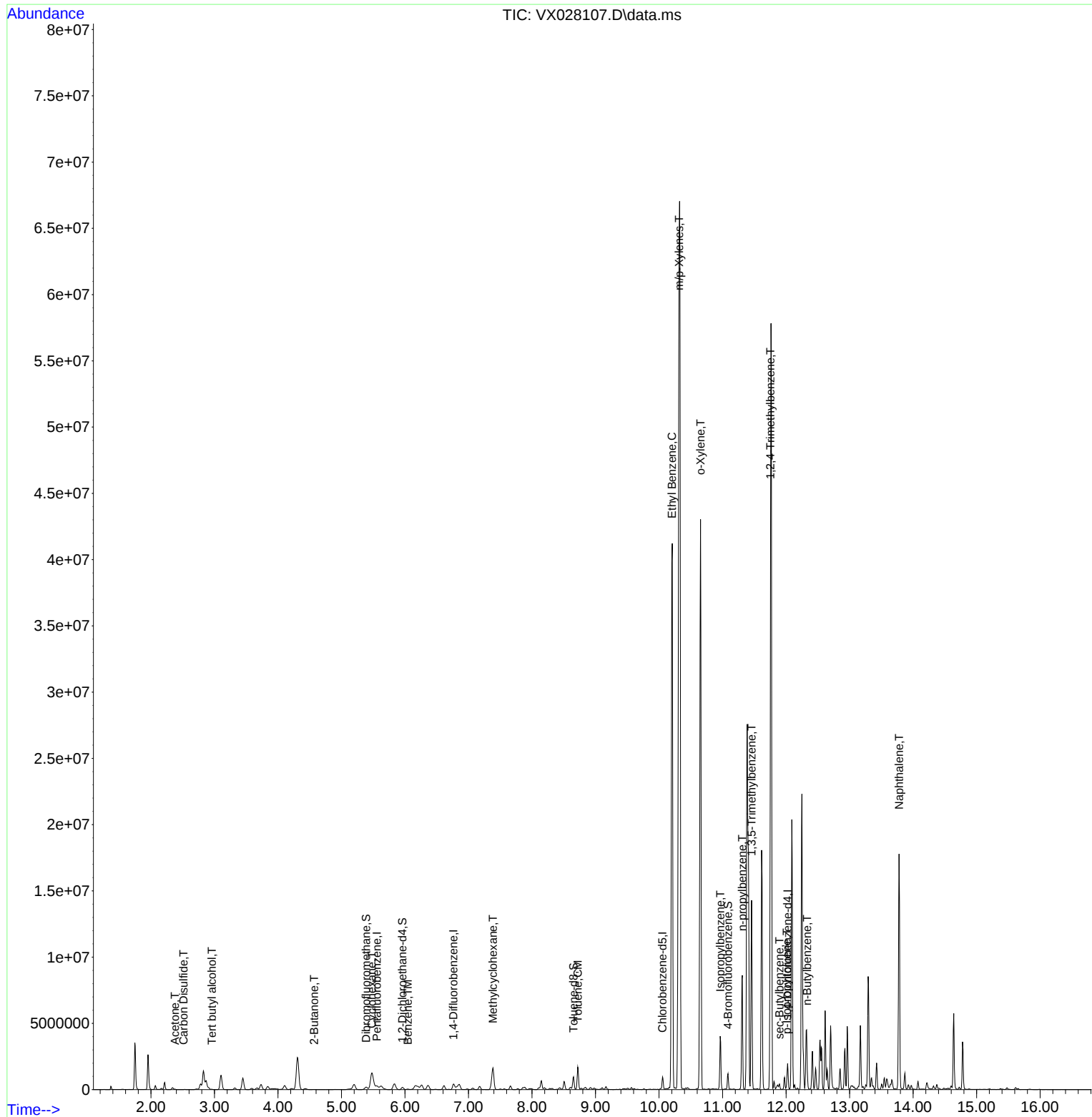
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041422\
Data File : VX028107.D
Acq On : 14 Apr 2022 15:14
Operator : JC/MD
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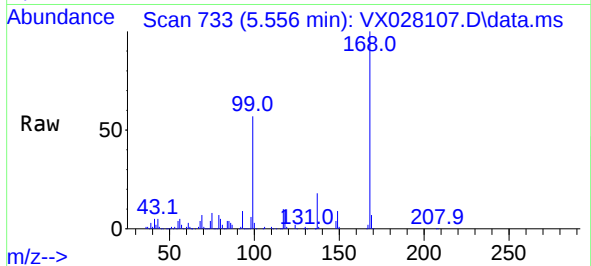
Quant Time: Apr 15 03:14:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 12 22:07:23 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028107.D
Acq: 14 Apr 2022 15:14

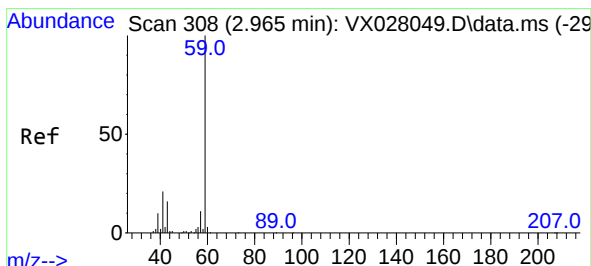
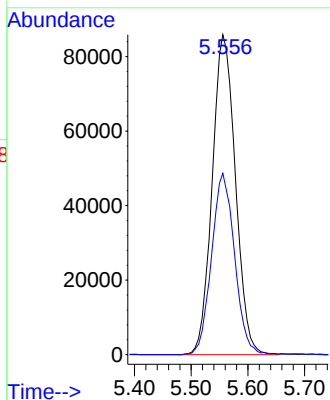
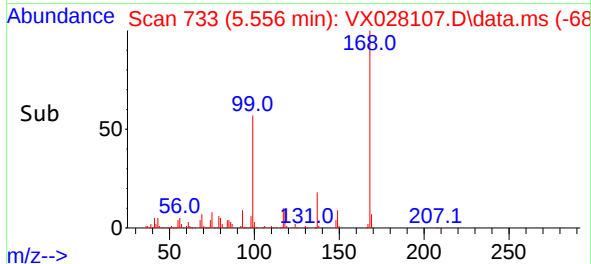
Instrument :
MSVOA_X
ClientSampleId :
MW-46



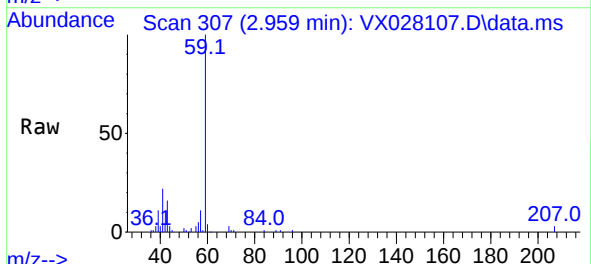
Tgt Ion:168 Resp: 244018
Ion Ratio Lower Upper
168 100
99 56.7 41.7 62.5

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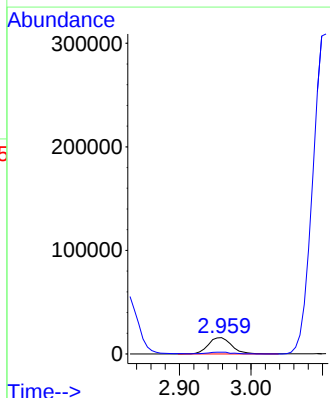
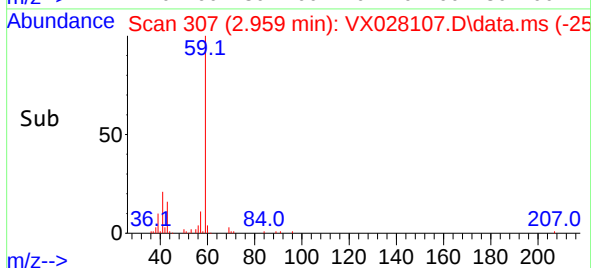
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022

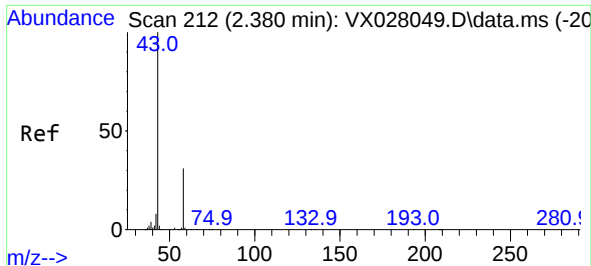


#11
Tert butyl alcohol
Concen: 46.763 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX028107.D
Acq: 14 Apr 2022 15:14



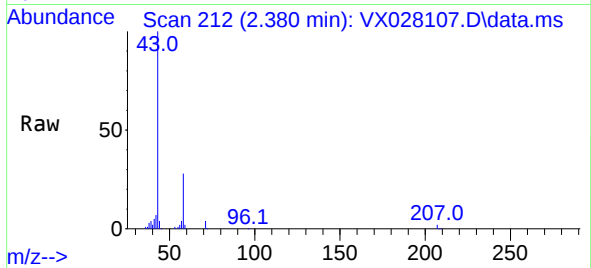
Tgt Ion: 59 Resp: 35935
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#16
Acetone
Concen: 26.372 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028107.D
Acq: 14 Apr 2022 15:14

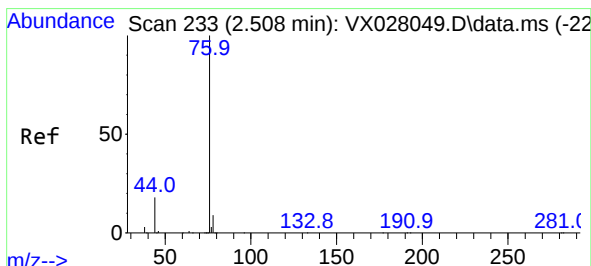
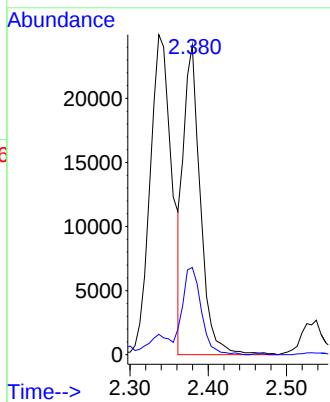
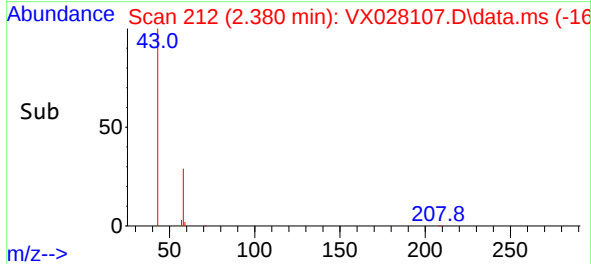
Instrument :
MSVOA_X
ClientSampleId :
MW-46



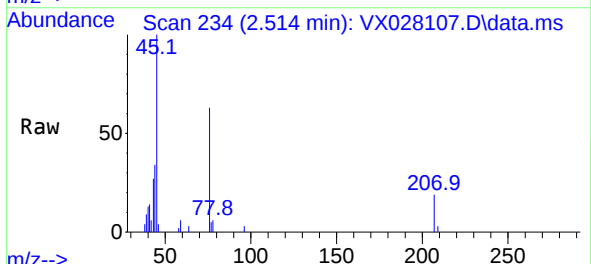
Tgt Ion: 43 Resp: 36379
Ion Ratio Lower Upper
43 100
58 28.2 28.8 43.2

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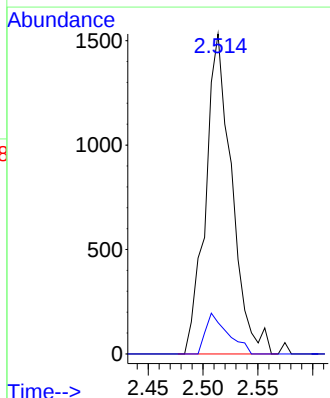
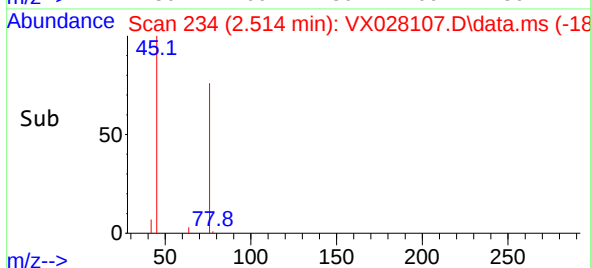
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022

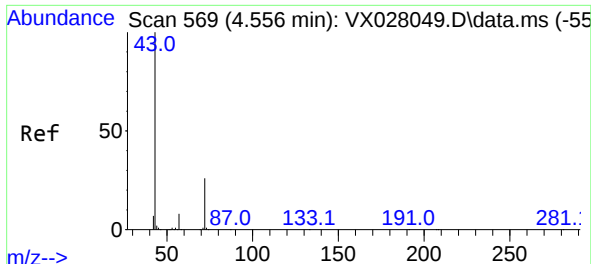


#17
Carbon Disulfide
Concen: 0.402 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX028107.D
Acq: 14 Apr 2022 15:14



Tgt Ion: 76 Resp: 2545
Ion Ratio Lower Upper
76 100
78 9.8 7.2 10.8





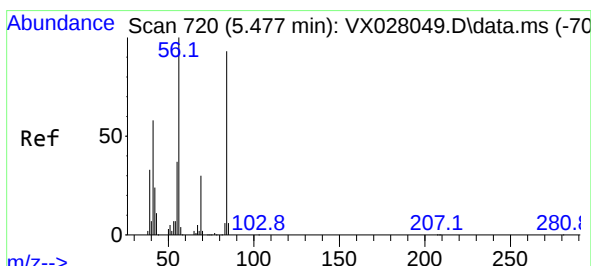
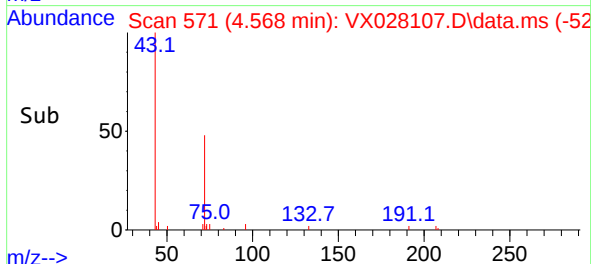
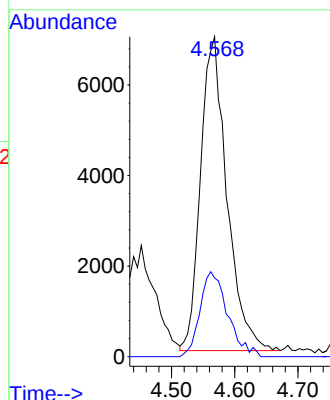
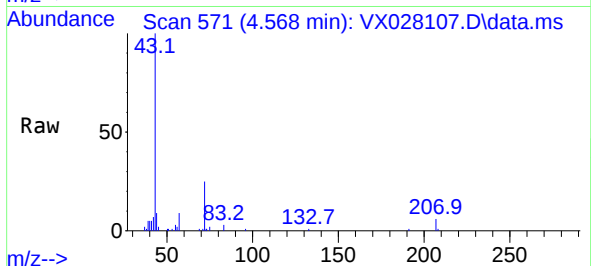
#25
2-Butanone
Concen: 8.428 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX028107.D
Acq: 14 Apr 2022 15:14

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 43 Resp: 20094
Ion Ratio Lower Upper
43 100
72 25.1 24.4 36.6

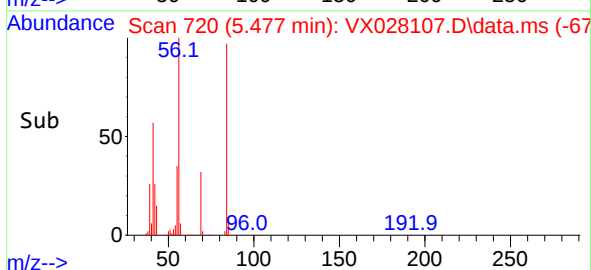
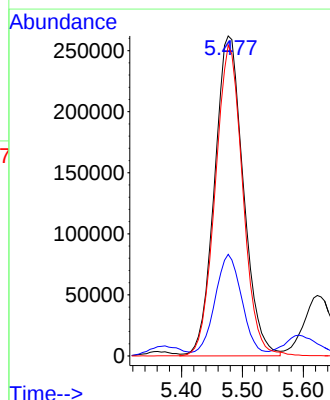
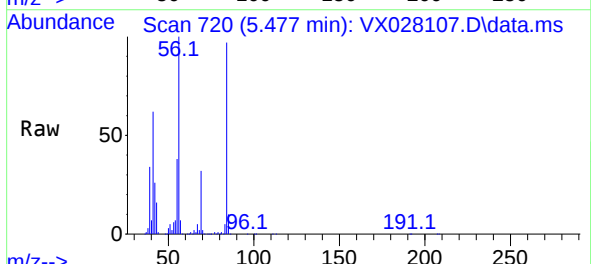
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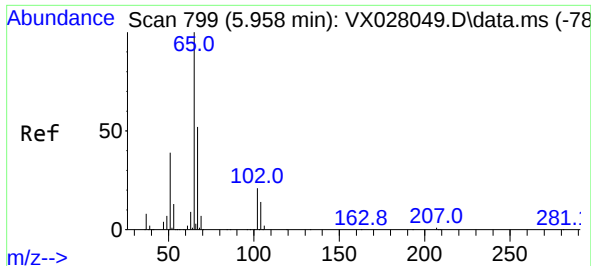
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022



#31
Cyclohexane
Concen: 189.386 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.000 min
Lab File: VX028107.D
Acq: 14 Apr 2022 15:14

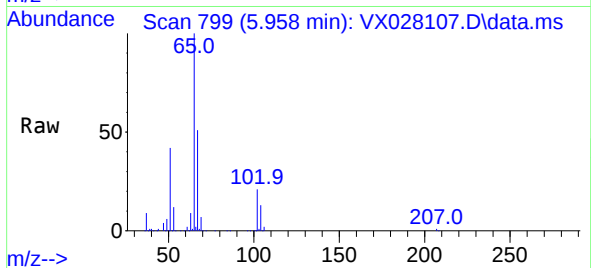
Tgt Ion: 56 Resp: 862089
Ion Ratio Lower Upper
56 100
69 29.8 26.7 40.1
84 97.6 77.2 115.8





#33
1,2-Dichloroethane-d4
Concen: 47.703 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028107.D
Acq: 14 Apr 2022 15:14

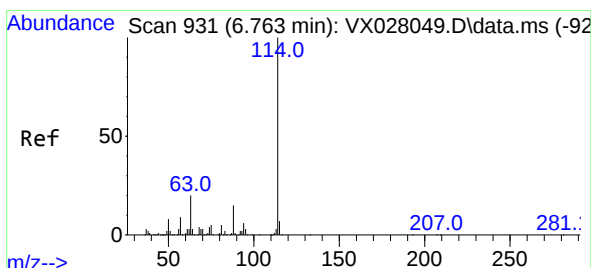
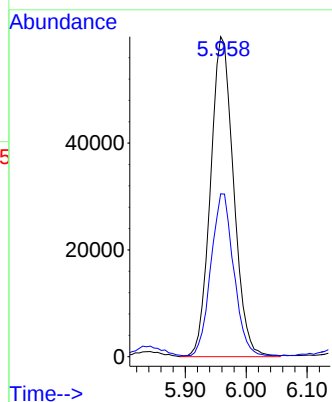
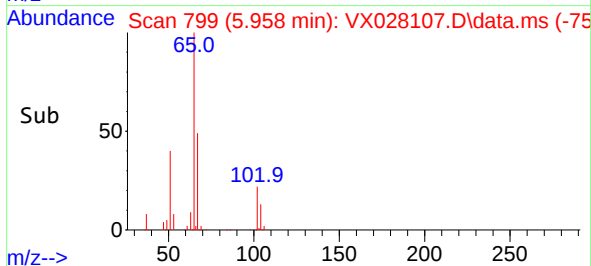
Instrument :
MSVOA_X
ClientSampleId :
MW-46



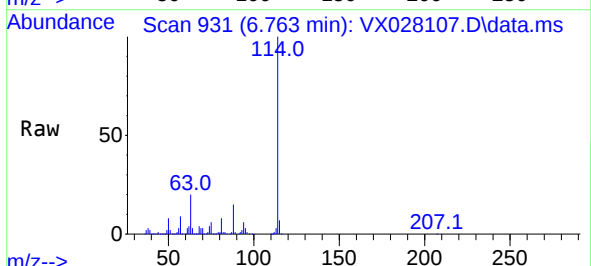
Tgt Ion: 65 Resp: 15792
Ion Ratio Lower Upper
65 100
67 49.8 0.0 107.4

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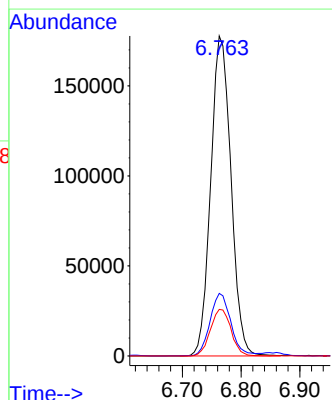
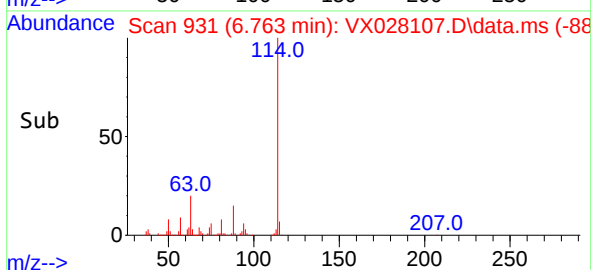
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022

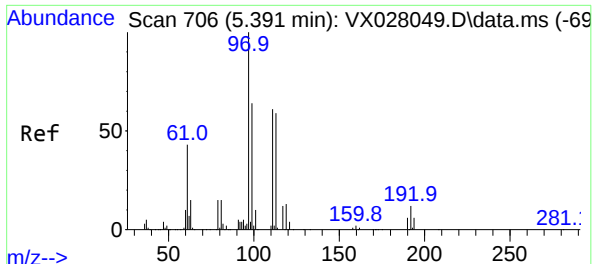


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX028107.D
Acq: 14 Apr 2022 15:14



Tgt Ion:114 Resp: 425471
Ion Ratio Lower Upper
114 100
63 19.5 0.0 36.8
88 14.5 0.0 32.4





#35

Dibromofluoromethane

Concen: 48.989 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX028107.D

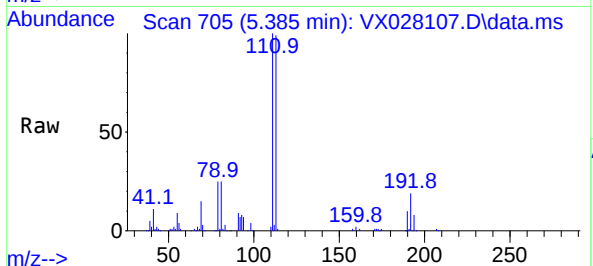
Acq: 14 Apr 2022 15:14

Instrument :

MSVOA_X

ClientSampleId :

MW-46



Tgt Ion: 113 Resp: 13658

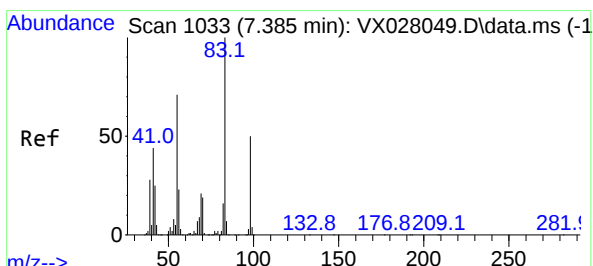
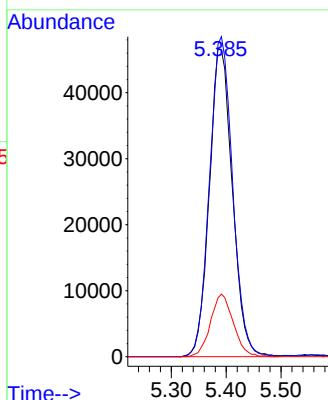
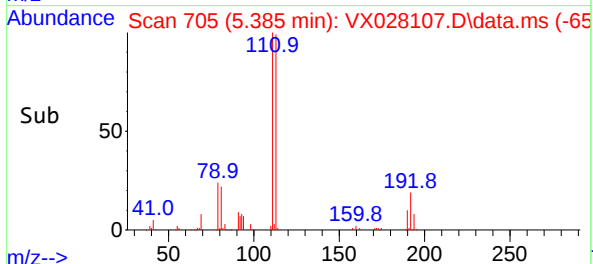
Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.8	124.2
192	20.1	16.9	25.3

Manual Integrations

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Supervised By :Mahesh Dadoda 04/15/2022



#39

Methylcyclohexane

Concen: 143.921 ug/l

RT: 7.385 min Scan# 1033

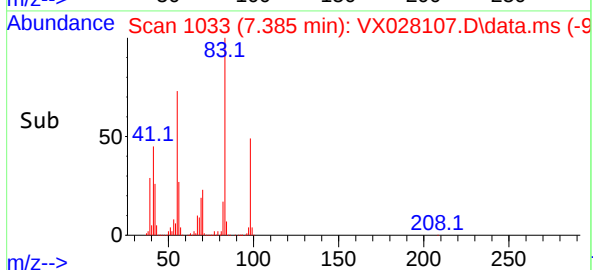
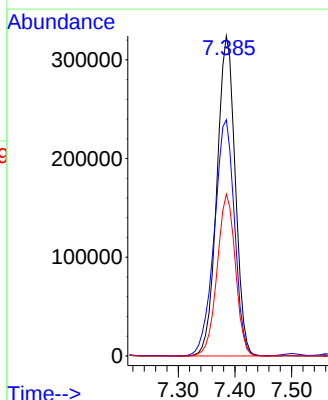
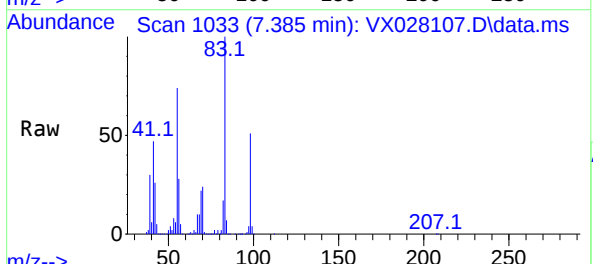
Delta R.T. -0.000 min

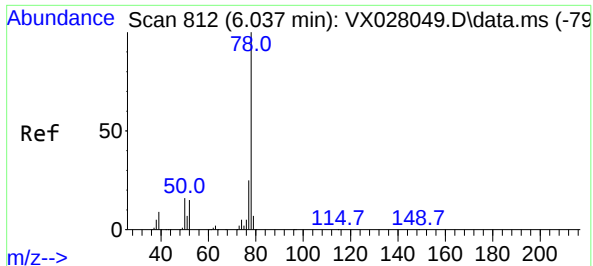
Lab File: VX028107.D

Acq: 14 Apr 2022 15:14

Tgt Ion: 83 Resp: 723910

Ion	Ratio	Lower	Upper
83	100		
55	73.7	54.6	81.8
98	50.6	37.4	56.2





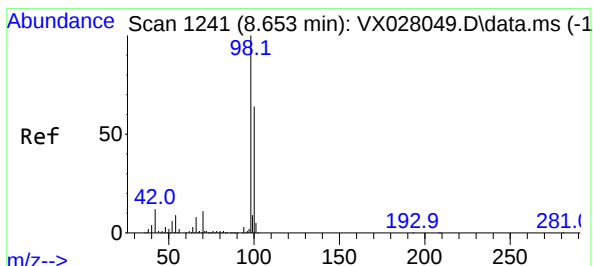
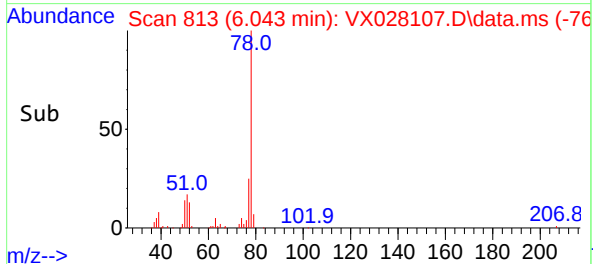
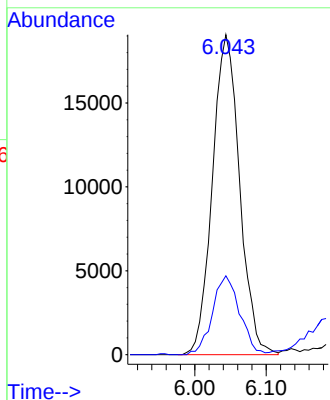
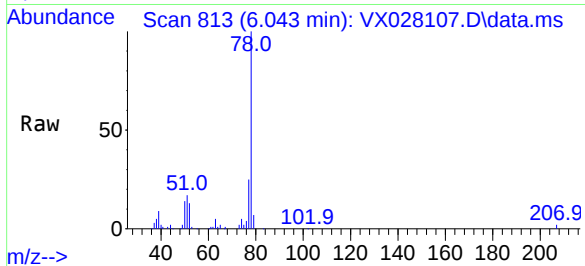
#40
Benzene
Concen: 4.073 ug/l
RT: 6.043 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX028107.D
Acq: 14 Apr 2022 15:14

Instrument :
MSVOA_X
Client Sample Id :
MW-46

Tgt Ion: 78 Resp: 5039
Ion Ratio Lower Upper
78 100
77 24.6 19.3 28.9

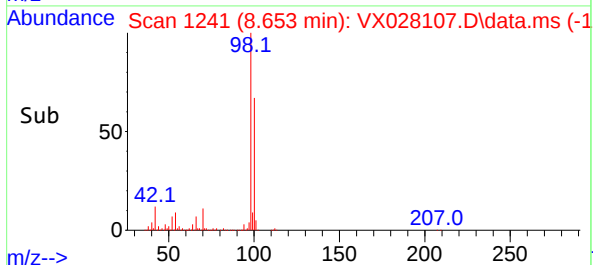
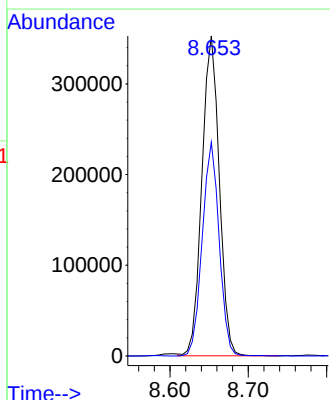
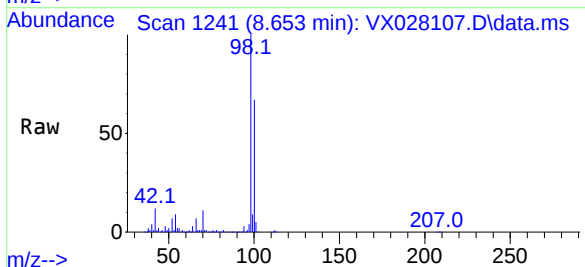
Manual Integrations
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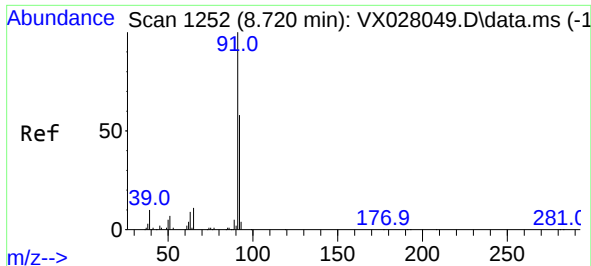
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022



#50
Toluene-d8
Concen: 52.220 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028107.D
Acq: 14 Apr 2022 15:14

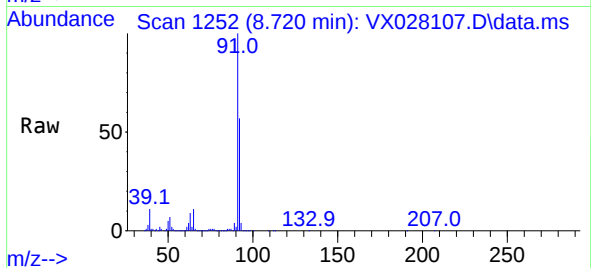
Tgt Ion: 98 Resp: 542978
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8





#52
Toluene
Concen: 75.371 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028107.D
Acq: 14 Apr 2022 15:14

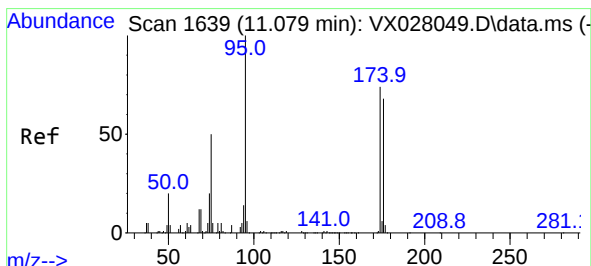
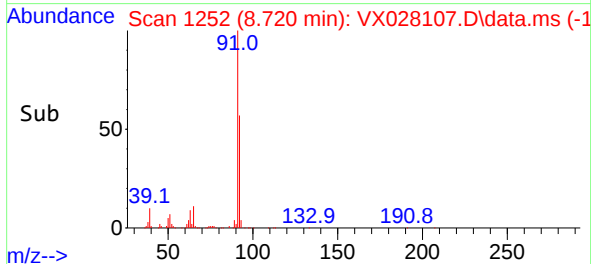
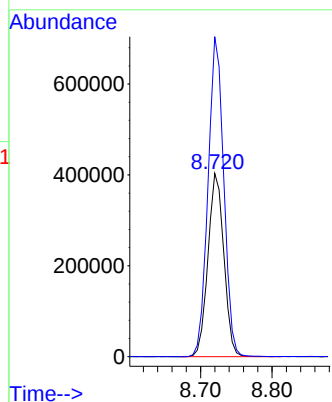
Instrument :
MSVOA_X
ClientSampleId :
MW-46



Tgt Ion: 92 Resp: 622178
Ion Ratio Lower Upper
92 100
91 172.7 137.5 206.3

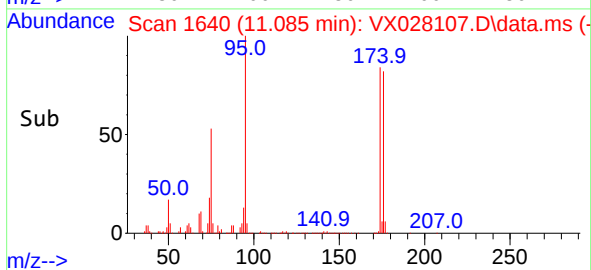
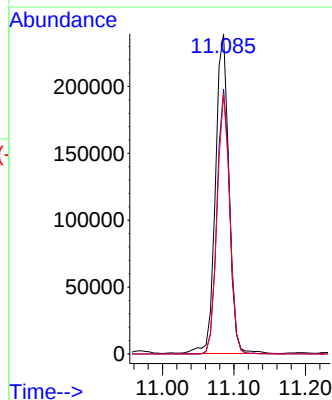
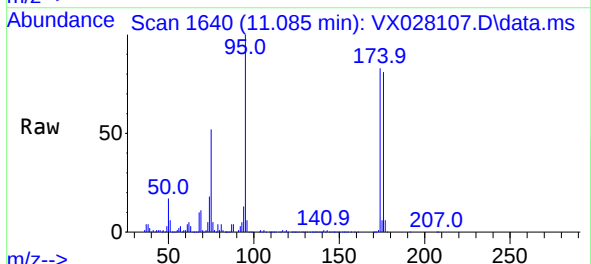
Manual Integrations
APPROVED

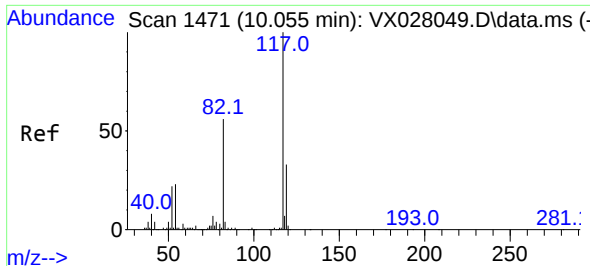
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022



#62
4-Bromofluorobenzene
Concen: 80.503 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX028107.D
Acq: 14 Apr 2022 15:14

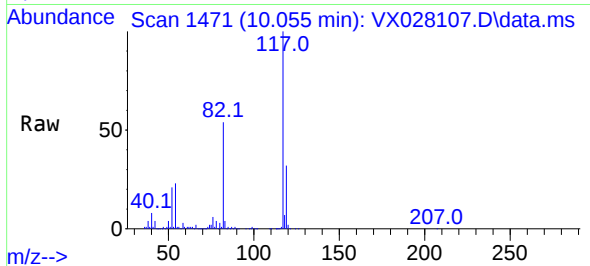
Tgt Ion: 95 Resp: 312540
Ion Ratio Lower Upper
95 100
174 78.4 0.0 163.0
176 76.2 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028107.D
Acq: 14 Apr 2022 15:14

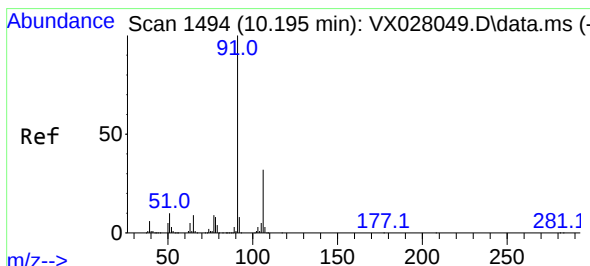
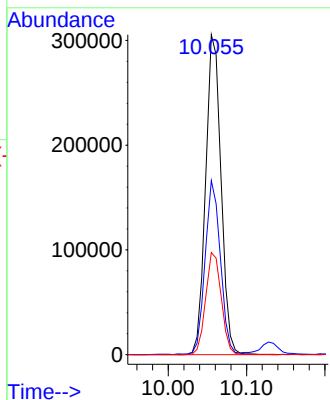
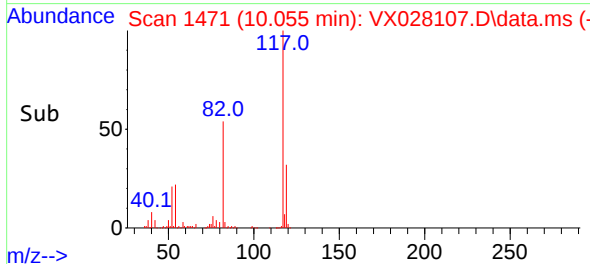
Instrument :
MSVOA_X
ClientSampleId :
MW-46



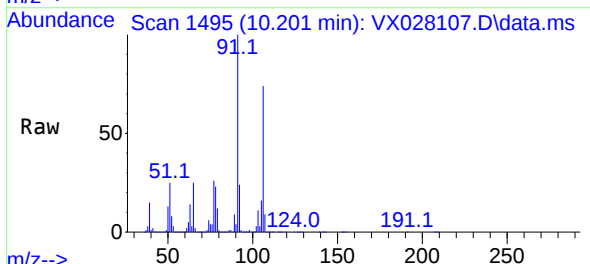
Tgt Ion: 117 Resp: 41607
Ion Ratio Lower Upper
117 100
82 54.1 41.8 62.8
119 31.9 24.8 37.2

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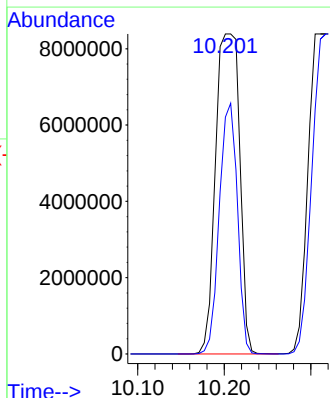
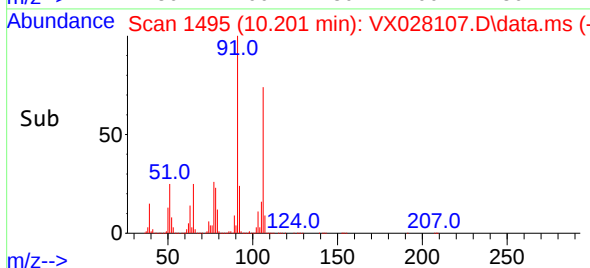
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022

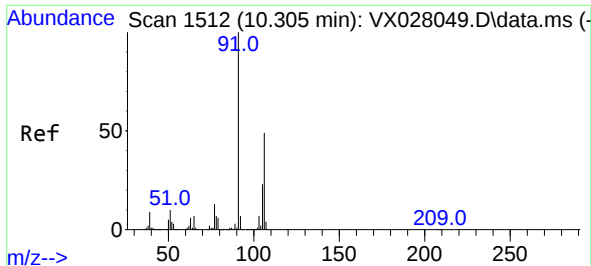


#67
Ethyl Benzene
Concen: 1017.434 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX028107.D
Acq: 14 Apr 2022 15:14



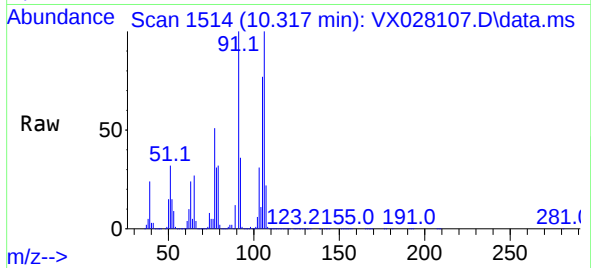
Tgt Ion: 91 Resp:16265633
Ion Ratio Lower Upper
91 100
106 74.0 24.6 36.8#





#68
m/p-Xylenes
Concen: 2925.724 ug/l
RT: 10.317 min Scan# 1514
Delta R.T. 0.012 min
Lab File: VX028107.D
Acq: 14 Apr 2022 15:14

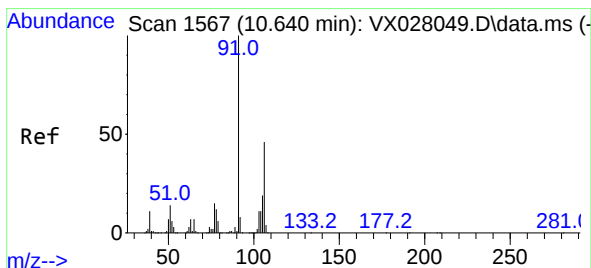
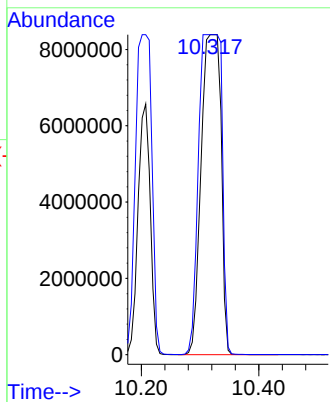
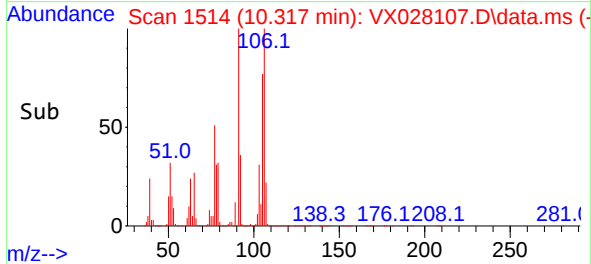
Instrument :
MSVOA_X
ClientSampleId :
MW-46



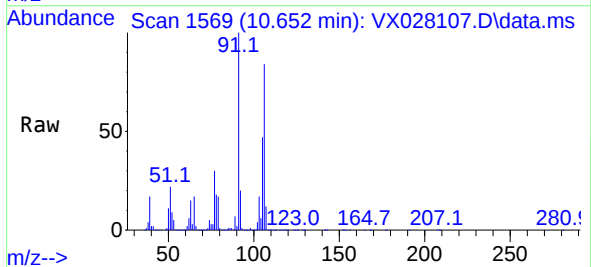
Tgt Ion:106 Resp:19531134
Ion Ratio Lower Upper
106 100
91 0.0 160.4 240.6

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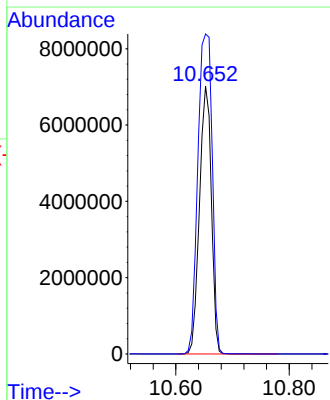
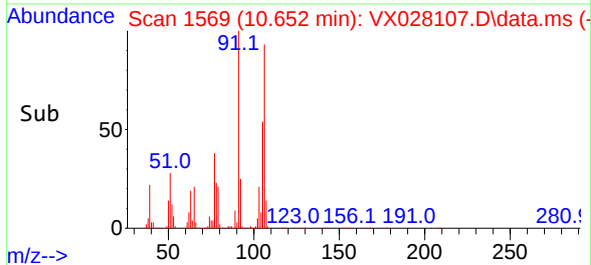
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022

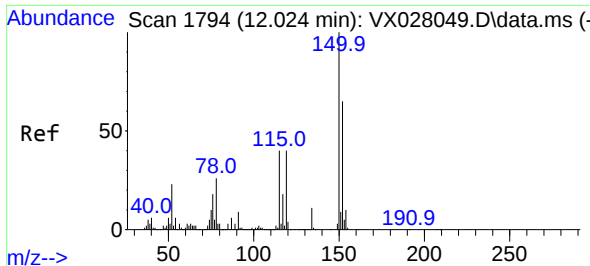


#69
o-Xylene
Concen: 1565.615 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.012 min
Lab File: VX028107.D
Acq: 14 Apr 2022 15:14



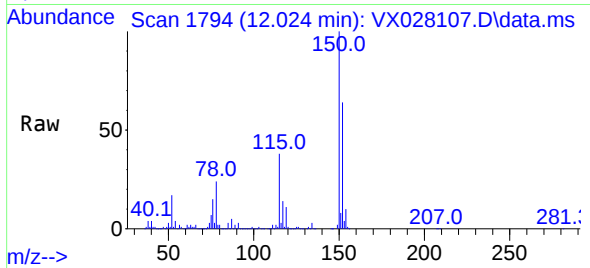
Tgt Ion:106 Resp:10159607
Ion Ratio Lower Upper
106 100
91 145.3 106.1 318.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028107.D
Acq: 14 Apr 2022 15:14

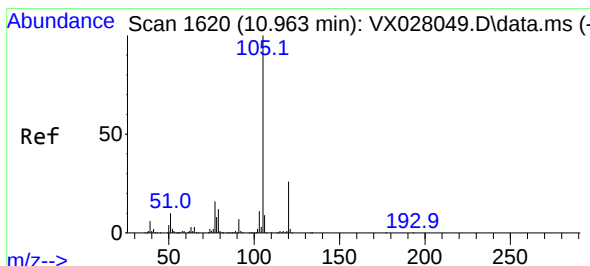
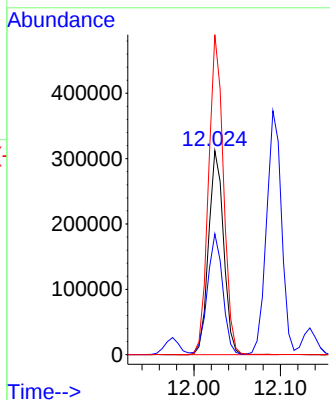
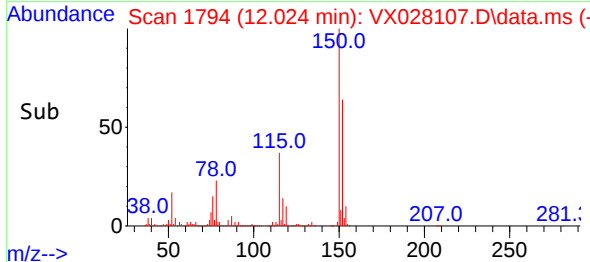
Instrument :
MSVOA_X
ClientSampleId :
MW-46



Tgt Ion:152 Resp: 375884
Ion Ratio Lower Upper
152 100
115 59.5 37.5 112.7
150 155.4 0.0 338.2

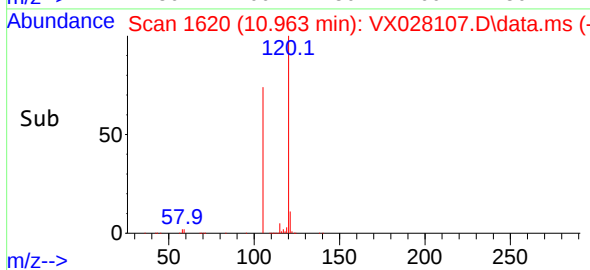
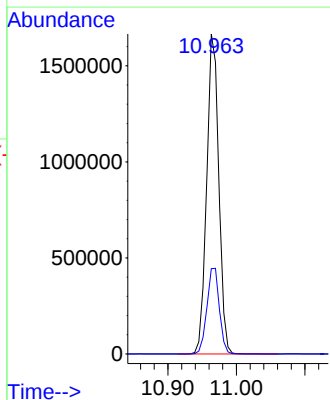
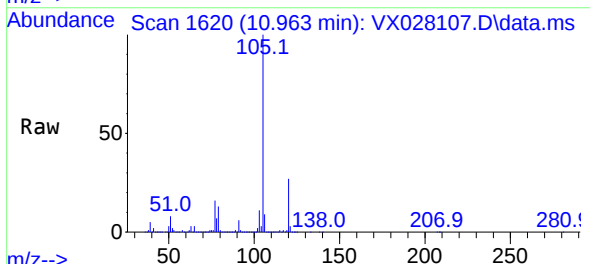
Manual Integrations
APPROVED

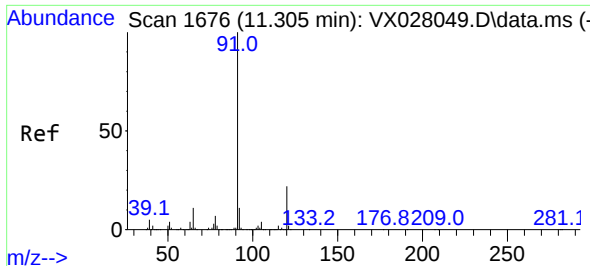
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022



#73
Isopropylbenzene
Concen: 76.627 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028107.D
Acq: 14 Apr 2022 15:14

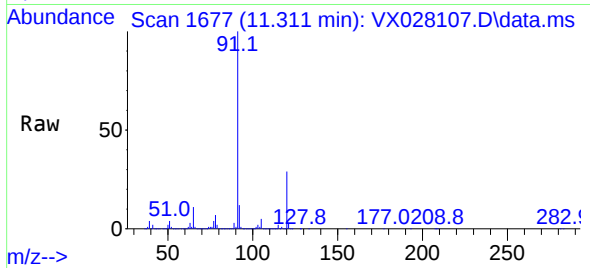
Tgt Ion:105 Resp: 2046143
Ion Ratio Lower Upper
105 100
120 27.6 13.5 40.5





#78
n-propylbenzene
Concen: 164.516 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX028107.D
Acq: 14 Apr 2022 15:14

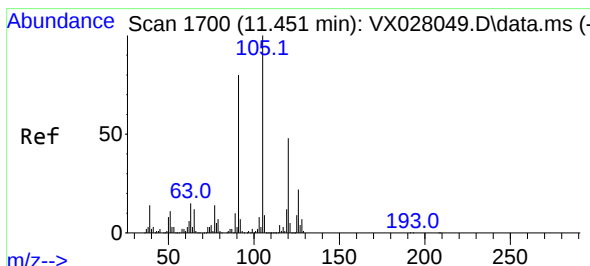
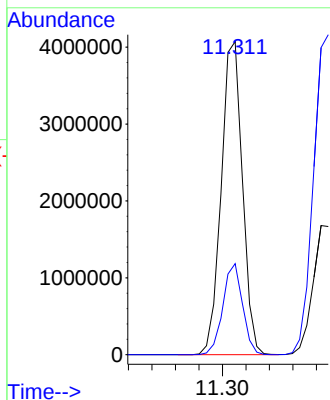
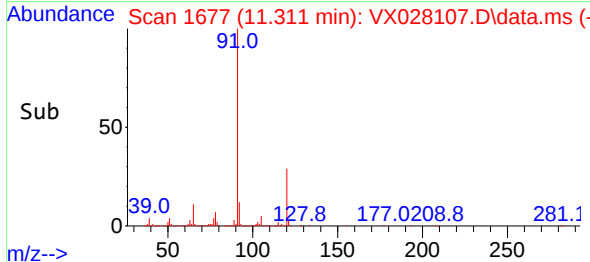
Instrument :
MSVOA_X
ClientSampleId :
MW-46



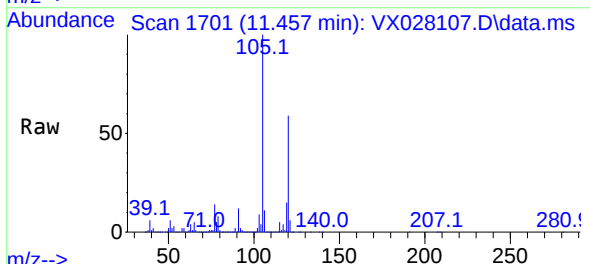
Tgt Ion: 91 Resp: 5105550
Ion Ratio Lower Upper
91 100
120 26.9 11.6 34.8

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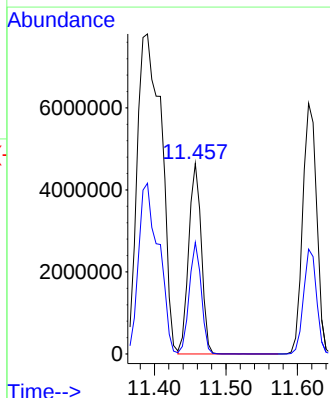
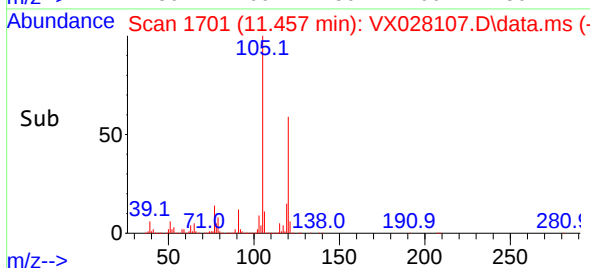
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022

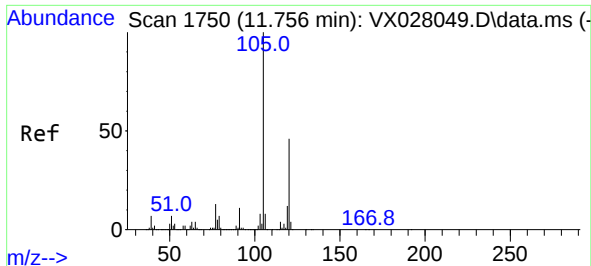


#80
1,3,5-Trimethylbenzene
Concen: 247.307 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX028107.D
Acq: 14 Apr 2022 15:14



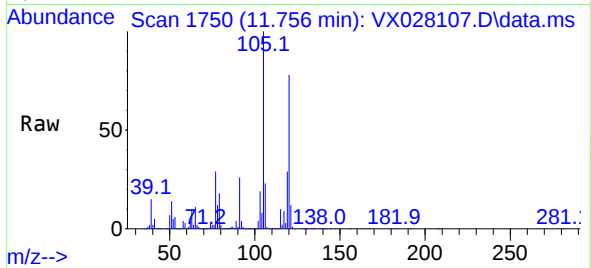
Tgt Ion:105 Resp: 5704513
Ion Ratio Lower Upper
105 100
120 55.6 24.3 72.9





#84
1,2,4-Trimethylbenzene
Concen: 723.198 ug/l m
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX028107.D
Acq: 14 Apr 2022 15:14

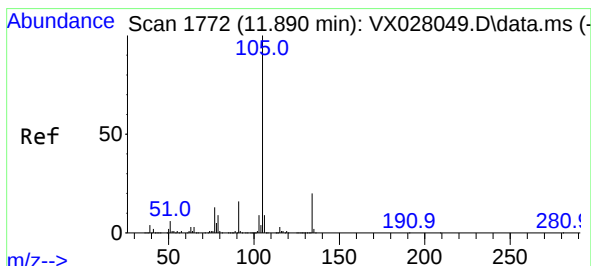
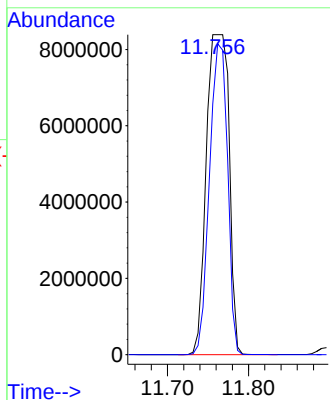
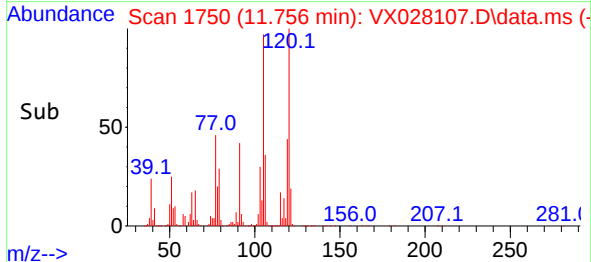
Instrument :
MSVOA_X
ClientSampleId :
MW-46



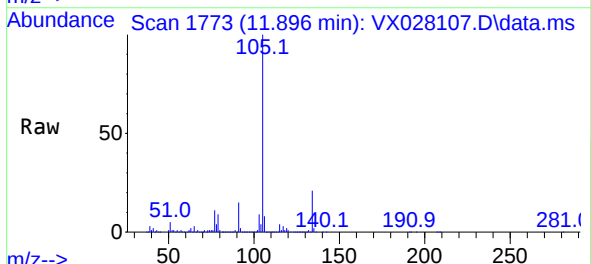
Tgt Ion:105 Resp:1633203
Ion Ratio Lower Upper
105 100
120 19.6 22.6 67.8

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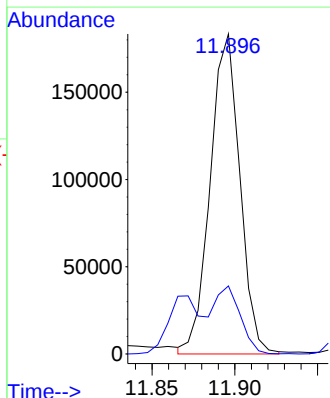
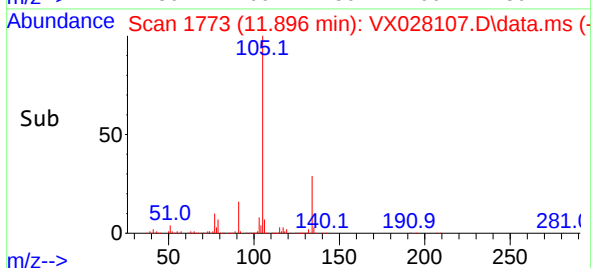
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022

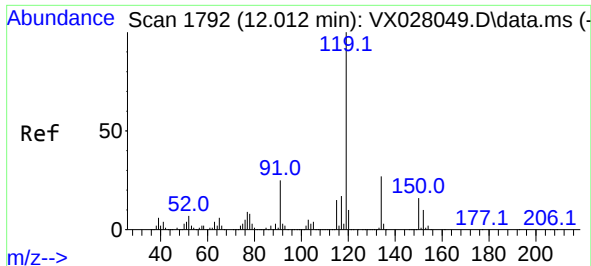


#85
sec-Butylbenzene
Concen: 8.020 ug/l m
RT: 11.896 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VX028107.D
Acq: 14 Apr 2022 15:14



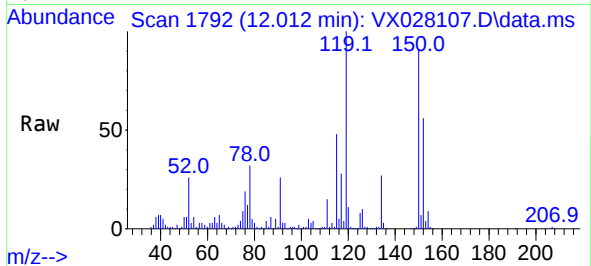
Tgt Ion:105 Resp: 228428
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4





#86
p-Isopropyltoluene
Concen: 5.874 ug/l m
RT: 12.012 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX028107.D
Acq: 14 Apr 2022 15:14

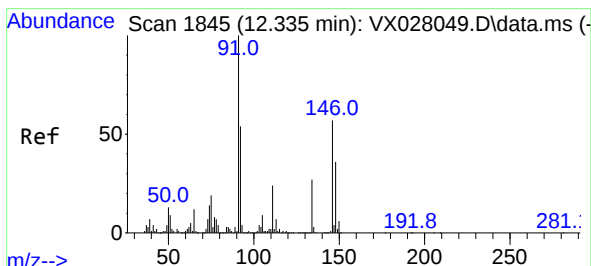
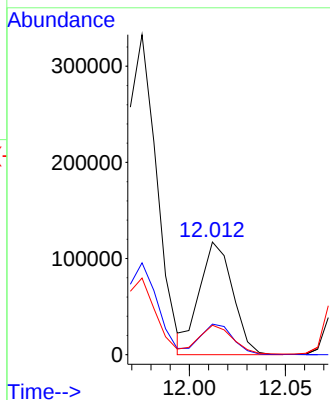
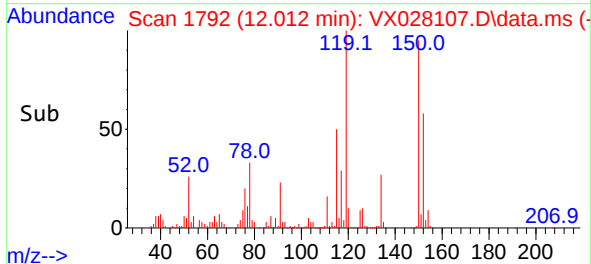
Instrument :
MSVOA_X
ClientSampleId :
MW-46



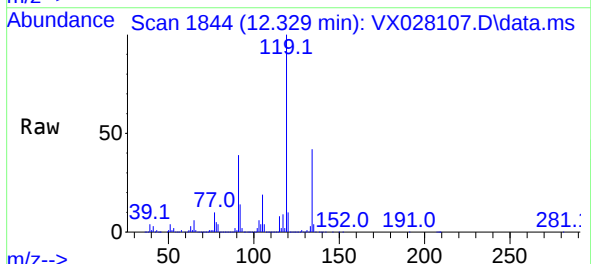
Tgt Ion: 119 Resp: 141770
Ion Ratio Lower Upper
119 100
134 79.3 13.0 39.0
91 0.0 11.3 33.9

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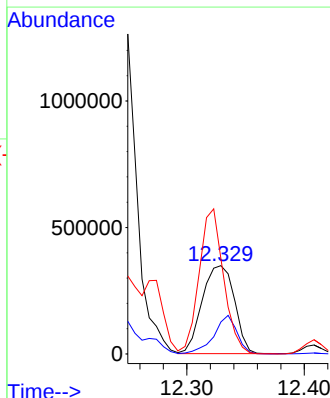
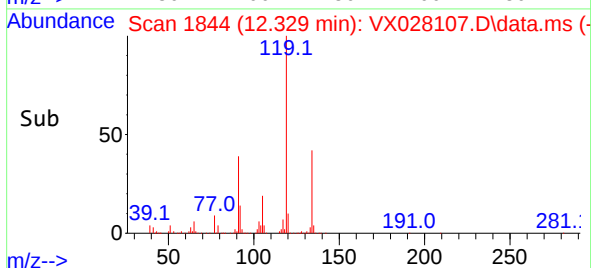
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022

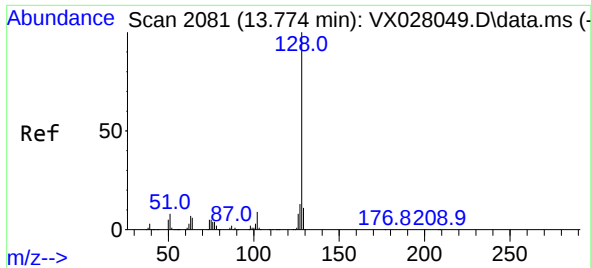


#89
n-Butylbenzene
Concen: 32.058 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX028107.D
Acq: 14 Apr 2022 15:14



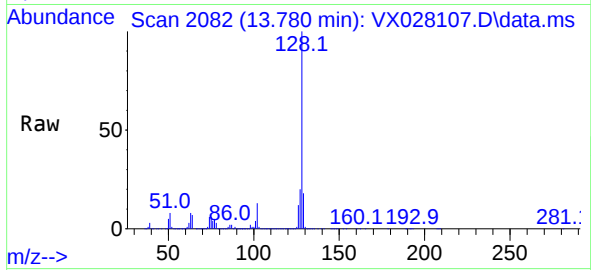
Tgt Ion: 91 Resp: 662276
Ion Ratio Lower Upper
91 100
92 31.4 27.8 83.3
134 125.1 13.3 39.8





#95
Naphthalene
Concen: 412.959 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX028107.D
Acq: 14 Apr 2022 15:14

Instrument :
MSVOA_X
ClientSampleId :
MW-46



Tgt Ion:128 Resp:10243014
Ion Ratio Lower Upper
128 100
127 17.3 10.2 15.4
129 15.0 8.7 13.1

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

