

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
 Data File : VX029035.D
 Acq On : 27 May 2022 19:30
 Operator : JC/MD
 Sample : N3087-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-03

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/31/2022
 Supervised By : Mahesh Dadoda 05/31/2022

Quant Time: May 27 22:12:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	338340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	600882	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	597676	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	322064	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	219843	47.402	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.800%		
35) Dibromofluoromethane	5.391	113	197489	50.164	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.320%		
50) Toluene-d8	8.653	98	727839	49.036	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.080%		
62) 4-Bromofluorobenzene	11.079	95	309181	55.770	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	111.540%		
Target Compounds					Qvalue	
16) Acetone	2.380	43	11026	5.539	ug/l	90
17) Carbon Disulfide	2.514	76	16027	1.766	ug/l	99
25) 2-Butanone	4.568	43	5806	1.858	ug/l #	87
30) Chloroform	5.105	83	15317	2.028	ug/l	93
31) Cyclohexane	5.471	56	26519	4.119	ug/l	97
39) Methylcyclohexane	7.385	83	30481	4.495	ug/l	95
40) Benzene	6.044	78	383604	22.573	ug/l	99
52) Toluene	8.720	92	1924874	176.077	ug/l	95
64) Tetrachloroethene	9.275	164	3276	0.726	ug/l	93
67) Ethyl Benzene	10.195	91	7604680	334.619	ug/l #	85
68) m/p-Xylenes	10.311	106	8153701	921.531	ug/l #	73
69) o-Xylene	10.647	106	1344295	154.316	ug/l	97
73) Isopropylbenzene	10.964	105	436200	17.860	ug/l	99
78) n-propylbenzene	11.305	91	1019057	36.071	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	1653198	81.234	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	9479327	464.496	ug/l	85
85) sec-Butylbenzene	11.890	105	43555m	1.792	ug/l	
86) p-Isopropyltoluene	12.012	119	36108m	1.770	ug/l	

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

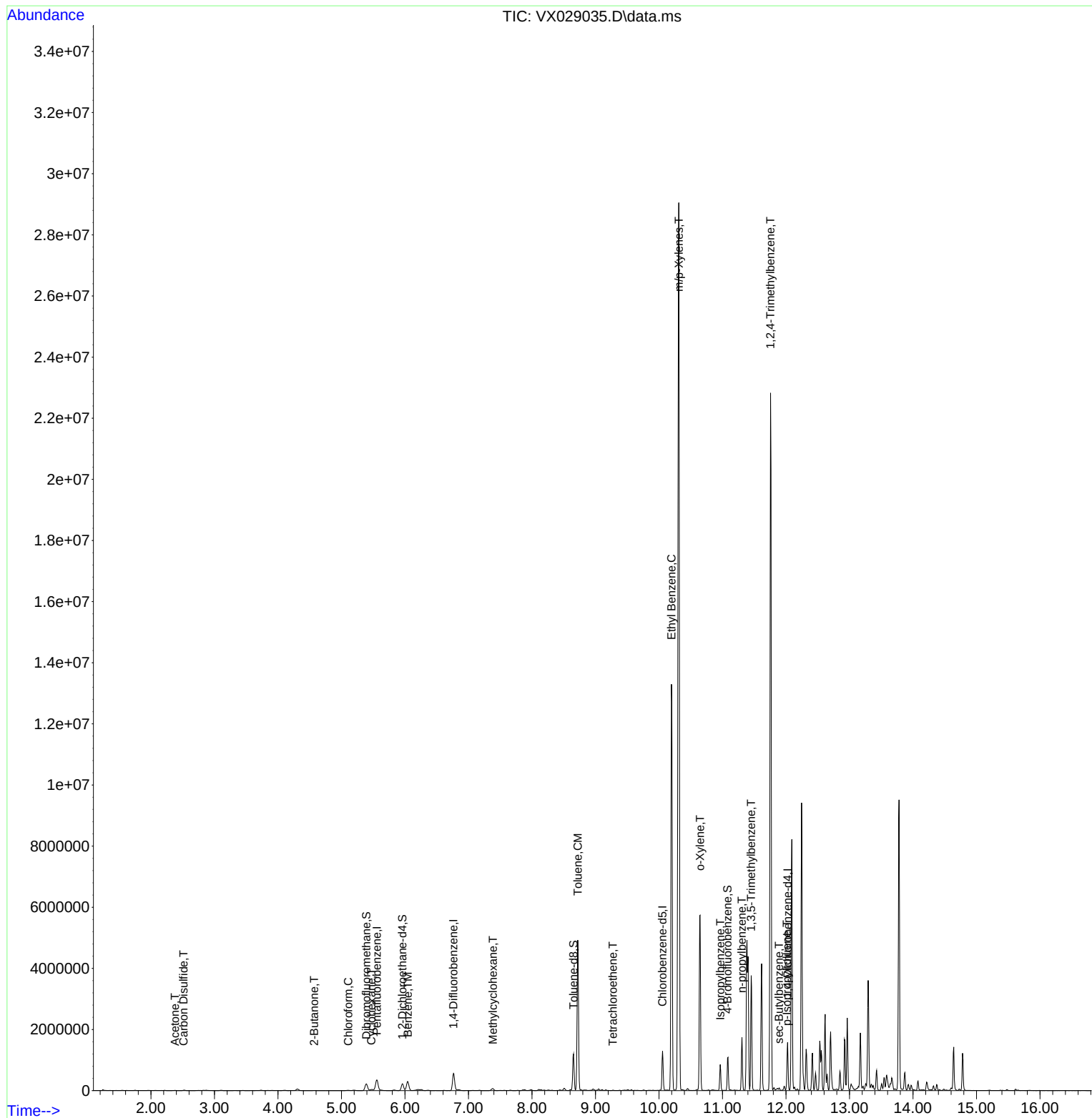
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
Data File : VX029035.D
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Operator : JC/MD
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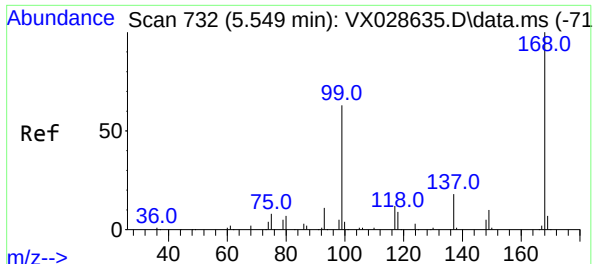
Instrument :
MSVOA_X
ClientSampleId :
MW-03

Manual Integrations
APPROVED

Reviewed By : John Carlone 05/31/2022
Supervised By : Mahesh Dadoda 05/31/2022

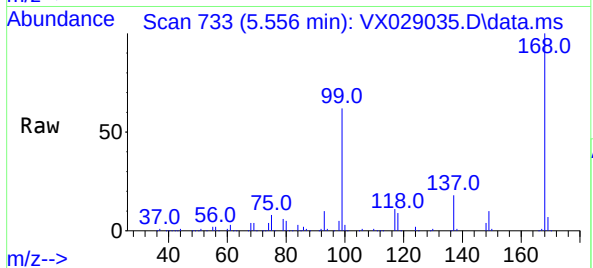
Quant Time: May 27 22:12:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX029035.D
Acq: 27 May 2022 19:30

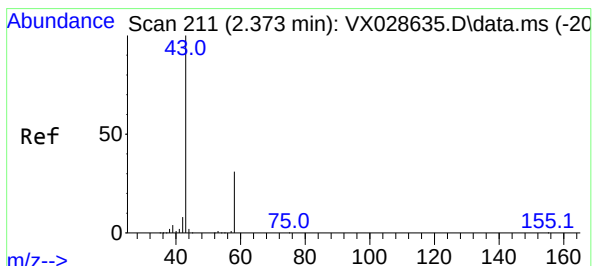
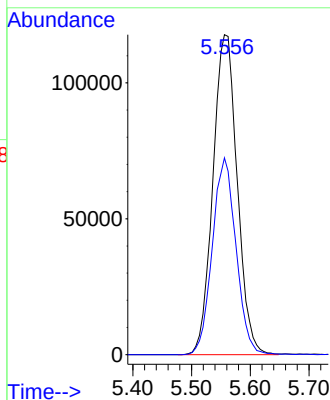
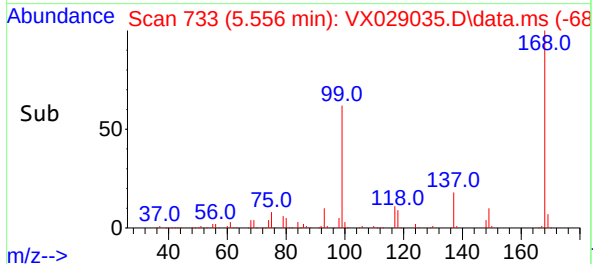
Instrument :
MSVOA_X
ClientSampleId :
MW-03



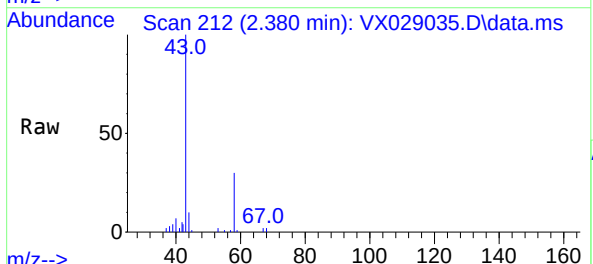
Tgt Ion:168 Resp: 338340
Ion Ratio Lower Upper
168 100
99 61.5 41.7 62.5

Manual Integrations
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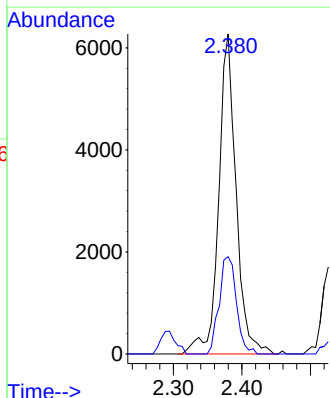
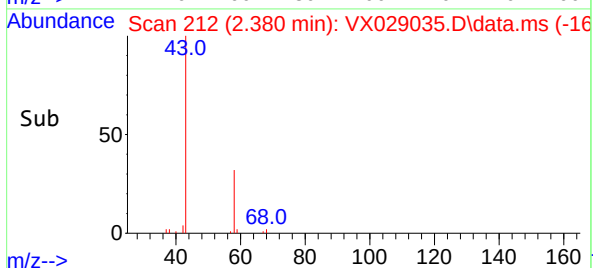
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

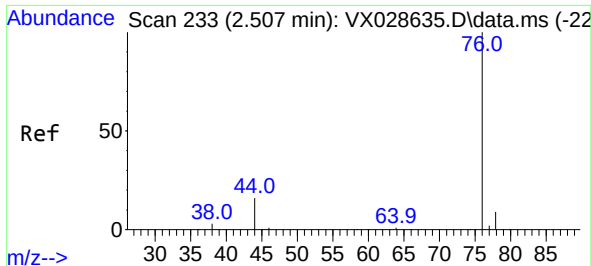


#16
Acetone
Concen: 5.539 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX029035.D
Acq: 27 May 2022 19:30



Tgt Ion: 43 Resp: 11026
Ion Ratio Lower Upper
43 100
58 30.4 28.8 43.2





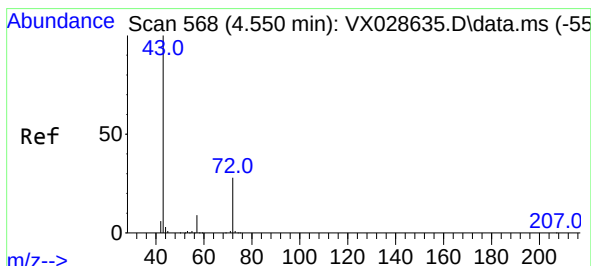
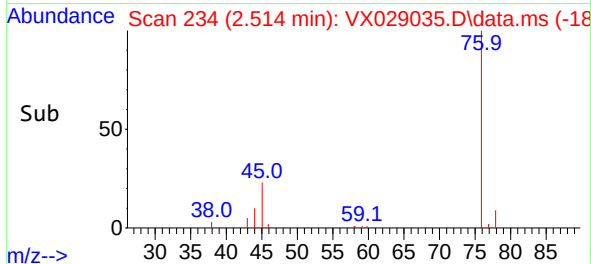
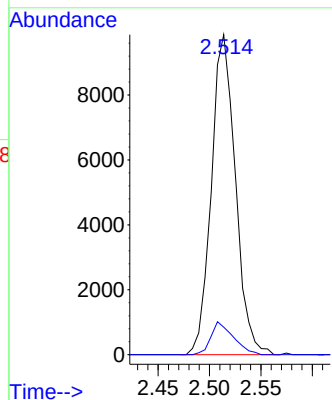
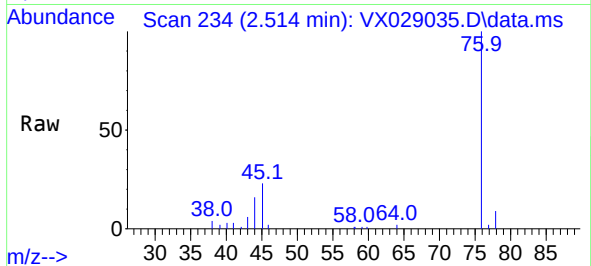
#17
Carbon Disulfide
Concen: 1.766 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX029035.D
Acq: 27 May 2022 19:30

Instrument :
MSVOA_X
ClientSampleId :
MW-03

Tgt Ion: 76 Resp: 1602
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8

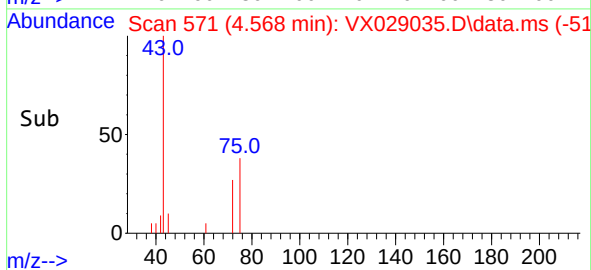
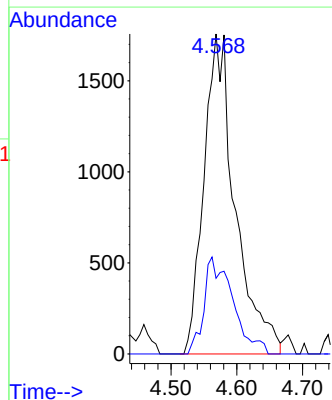
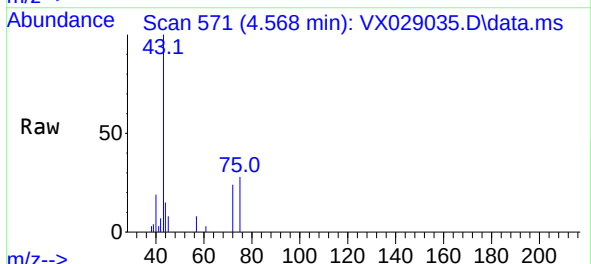
Manual Integrations
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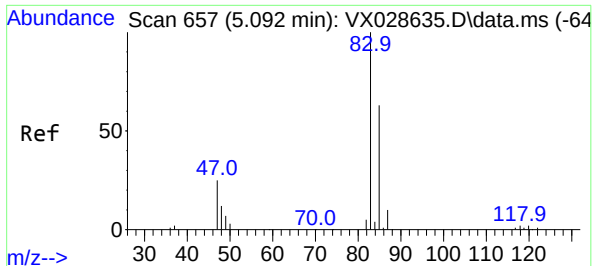
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#25
2-Butanone
Concen: 1.858 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.018 min
Lab File: VX029035.D
Acq: 27 May 2022 19:30

Tgt Ion: 43 Resp: 5806
Ion Ratio Lower Upper
43 100
72 23.6 24.4 36.6#





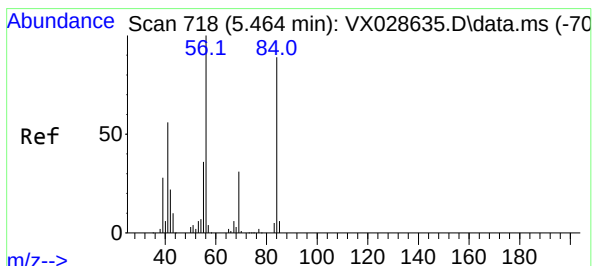
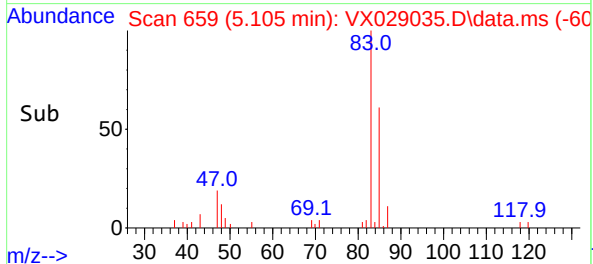
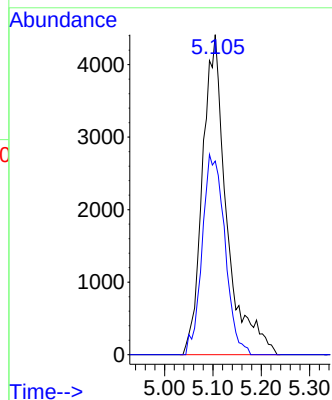
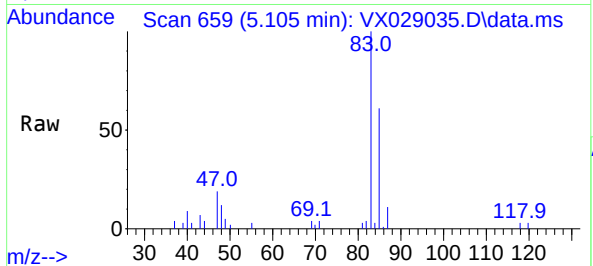
#30
Chloroform
Concen: 2.028 ug/l
RT: 5.105 min Scan# 61
Delta R.T. 0.013 min
Lab File: VX029035.D
Acq: 27 May 2022 19:30

Instrument :
MSVOA_X
ClientSampleId :
MW-03

Tgt Ion: 83 Resp: 1531
Ion Ratio Lower Upper
83 100
85 60.5 52.7 79.1

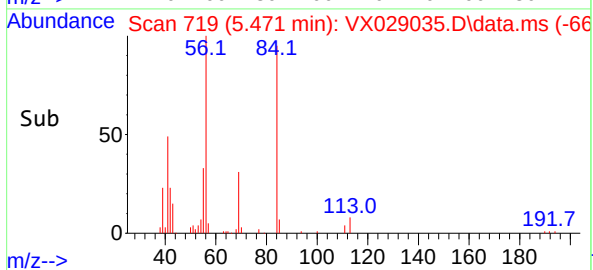
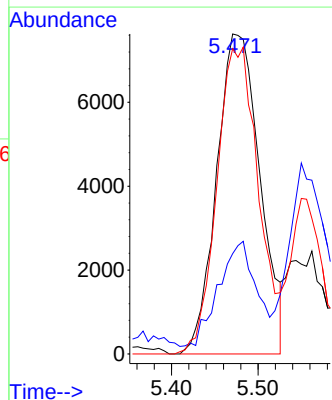
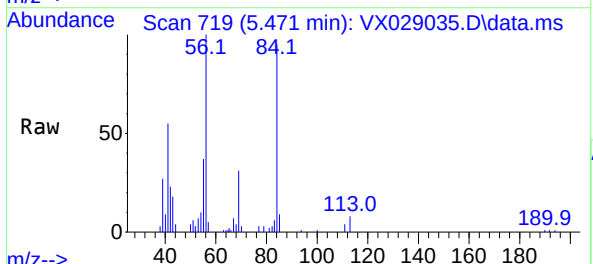
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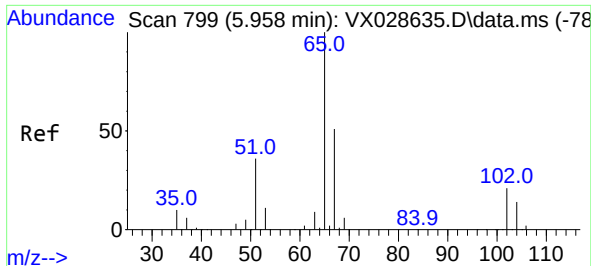
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#31
Cyclohexane
Concen: 4.119 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.007 min
Lab File: VX029035.D
Acq: 27 May 2022 19:30

Tgt Ion: 56 Resp: 26519
Ion Ratio Lower Upper
56 100
69 29.0 26.7 40.1
84 94.7 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 47.402 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029035.D

Acq: 27 May 2022 19:30

Instrument :

MSVOA_X

ClientSampleId :

MW-03

Tgt Ion: 65 Resp: 21984

Ion Ratio Lower Upper

65 100

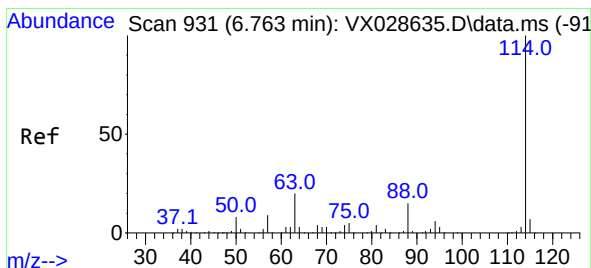
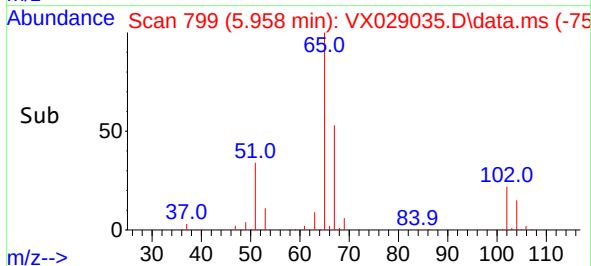
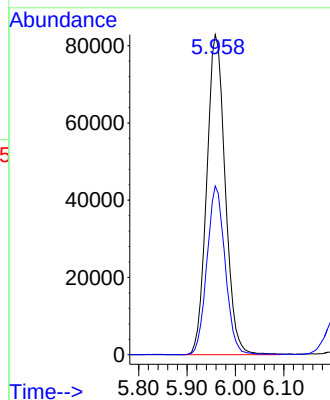
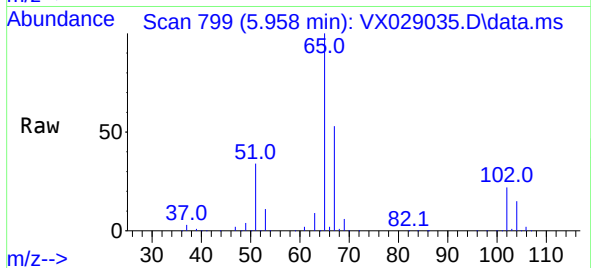
67 52.0 0.0 107.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/31/2022

Supervised By :Mahesh Dadoda 05/31/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX029035.D

Acq: 27 May 2022 19:30

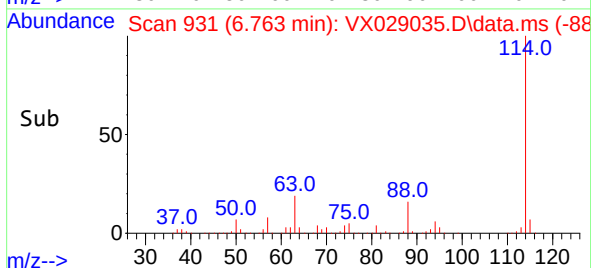
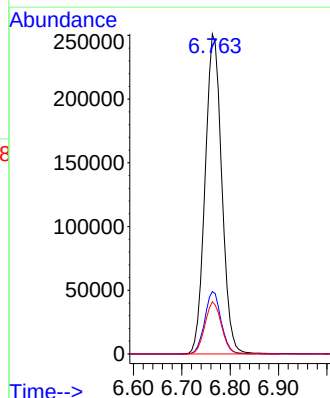
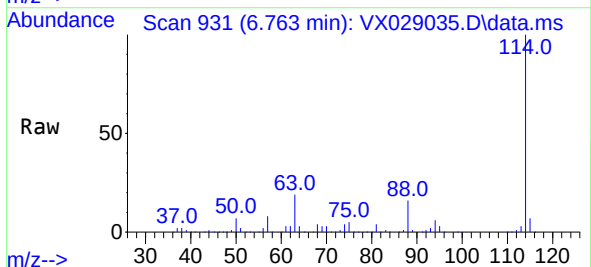
Tgt Ion:114 Resp: 600882

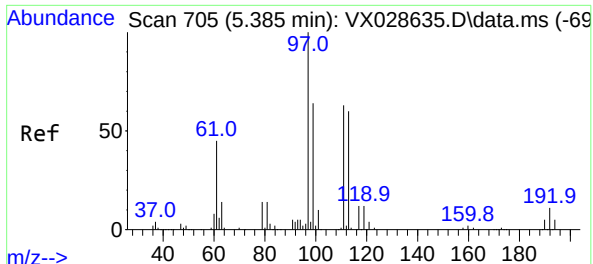
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.8

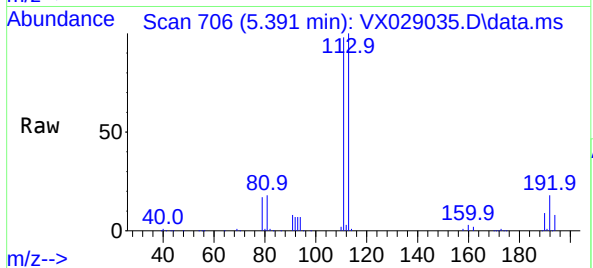
88 16.3 0.0 32.4





#35
Dibromofluoromethane
Concen: 50.164 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX029035.D
Acq: 27 May 2022 19:30

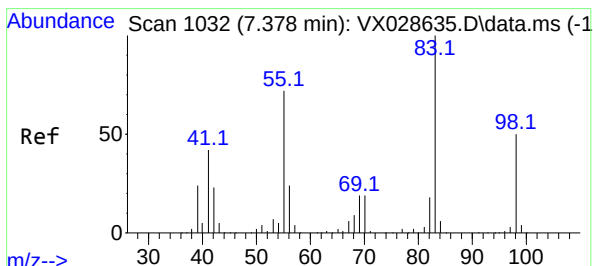
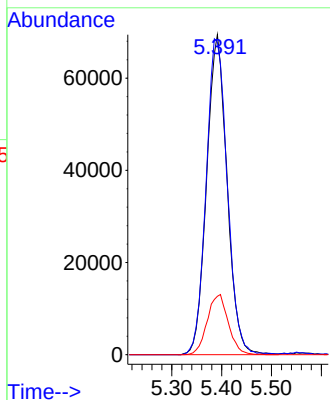
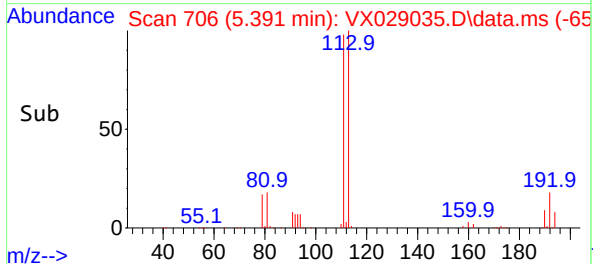
Instrument :
MSVOA_X
ClientSampleId :
MW-03



Tgt Ion: 113 Resp: 197489
Ion Ratio Lower Upper
113 100
111 102.3 82.8 124.2
192 19.4 16.9 25.3

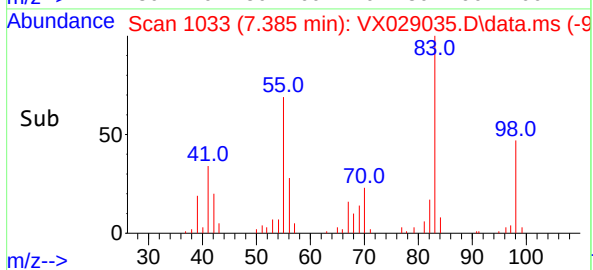
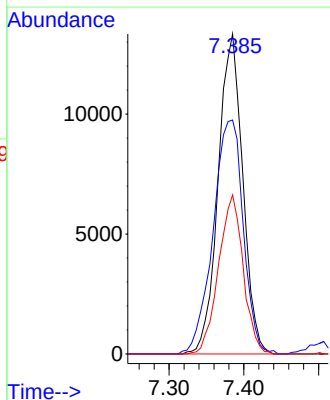
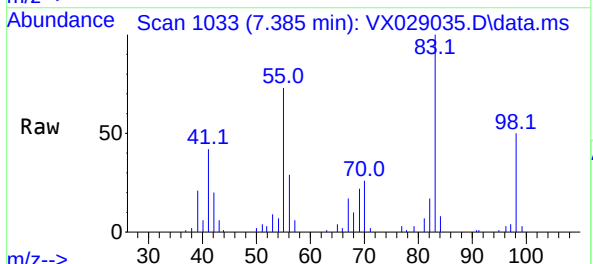
Manual Integrations
APPROVED

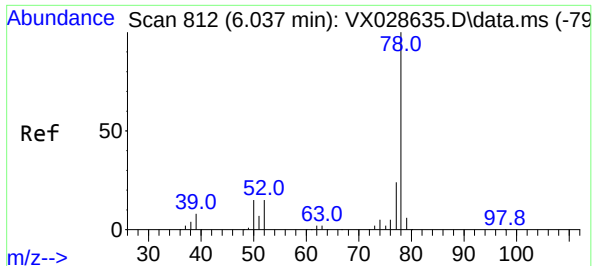
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#39
Methylcyclohexane
Concen: 4.495 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.007 min
Lab File: VX029035.D
Acq: 27 May 2022 19:30

Tgt Ion: 83 Resp: 30481
Ion Ratio Lower Upper
83 100
55 73.1 54.6 81.8
98 49.7 37.4 56.2





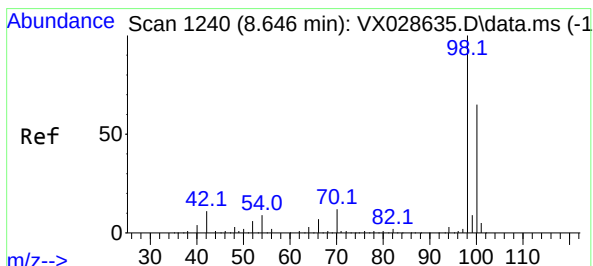
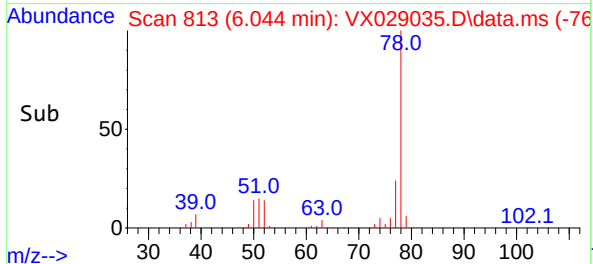
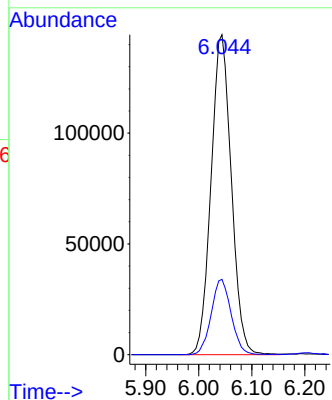
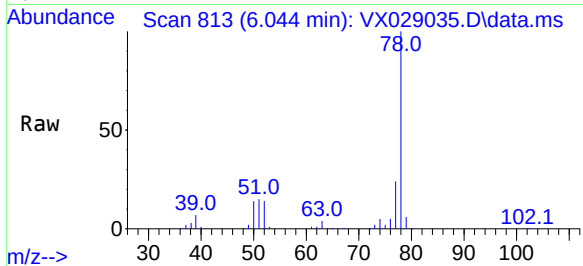
#40
Benzene
Concen: 22.573 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.007 min
Lab File: VX029035.D
Acq: 27 May 2022 19:30

Instrument :
MSVOA_X
ClientSampleId :
MW-03

Tgt Ion: 78 Resp: 383604
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9

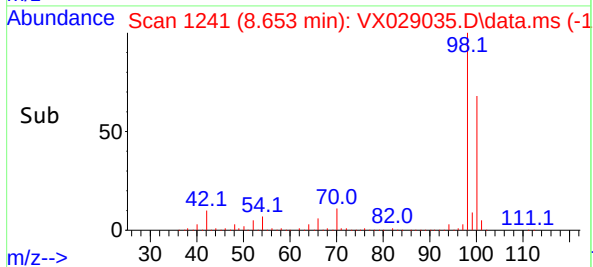
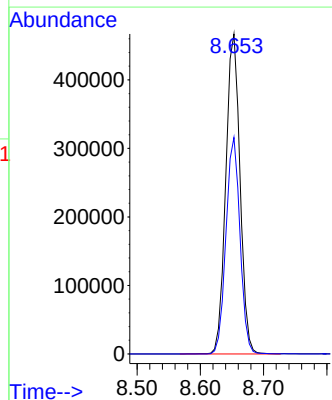
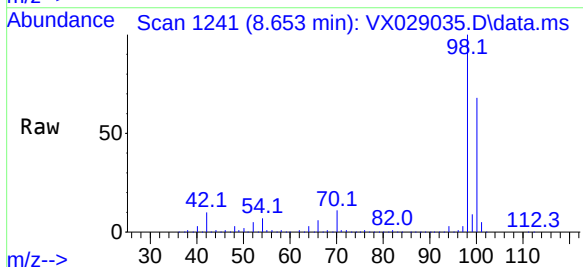
Manual Integrations
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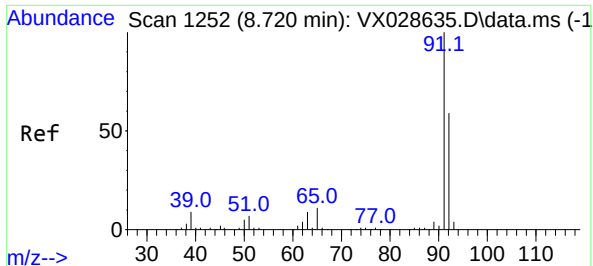
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#50
Toluene-d8
Concen: 49.036 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX029035.D
Acq: 27 May 2022 19:30

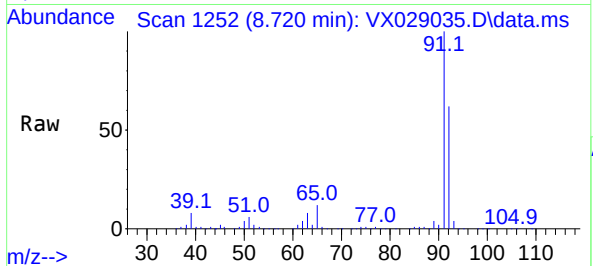
Tgt Ion: 98 Resp: 727839
Ion Ratio Lower Upper
98 100
100 66.7 52.6 78.8





#52
Toluene
Concen: 176.077 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029035.D
Acq: 27 May 2022 19:30

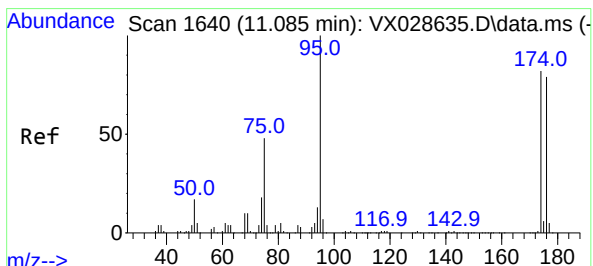
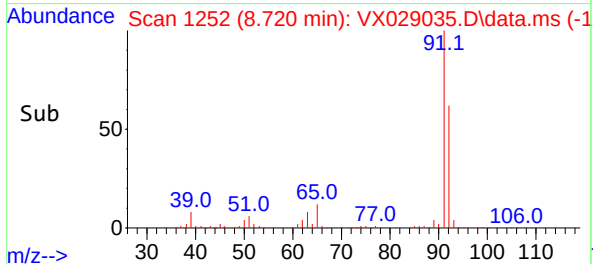
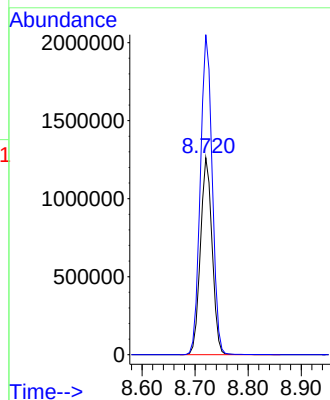
Instrument :
MSVOA_X
ClientSampleId :
MW-03



Tgt Ion: 92 Resp: 1924874
Ion Ratio Lower Upper
92 100
91 165.2 137.5 206.3

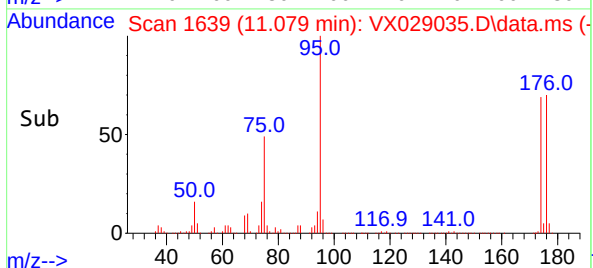
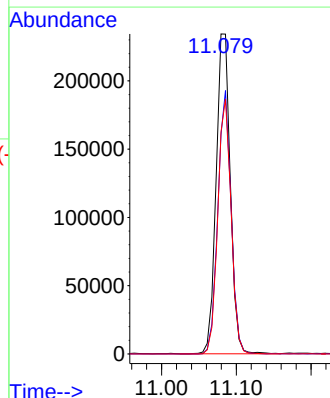
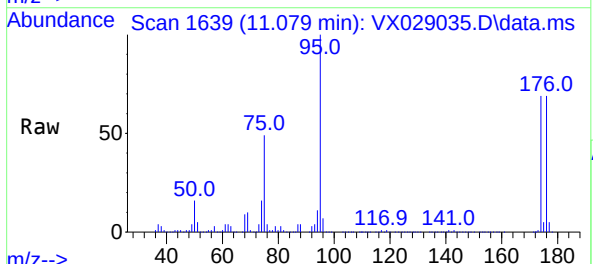
Manual Integrations
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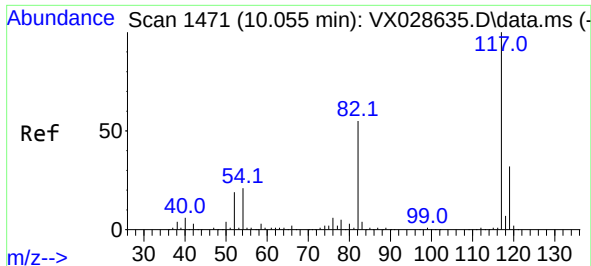
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#62
4-Bromofluorobenzene
Concen: 55.770 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029035.D
Acq: 27 May 2022 19:30

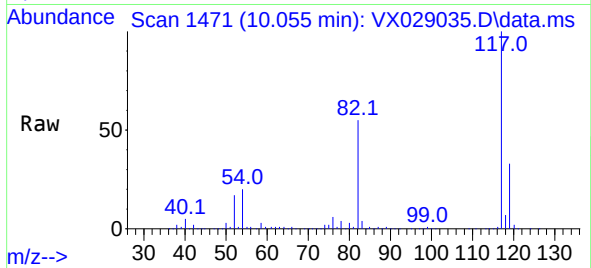
Tgt Ion: 95 Resp: 309181
Ion Ratio Lower Upper
95 100
174 76.6 0.0 163.0
176 74.9 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029035.D
Acq: 27 May 2022 19:30

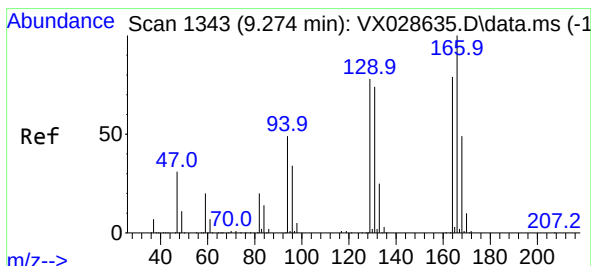
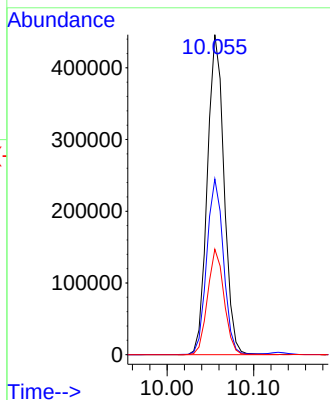
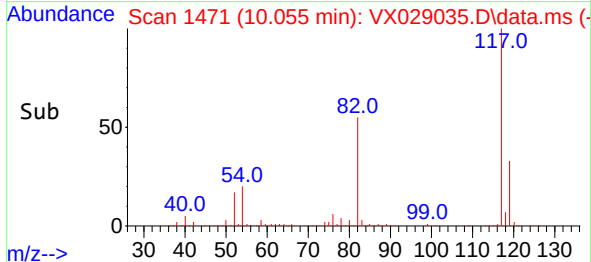
Instrument :
MSVOA_X
ClientSampleId :
MW-03



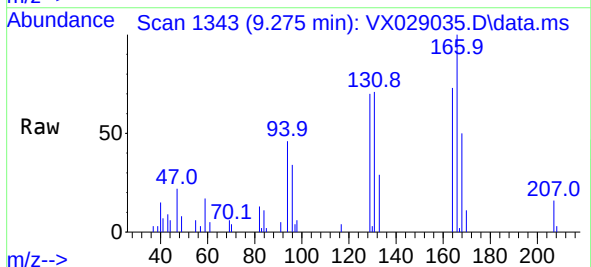
Tgt Ion:117 Resp: 597670
Ion Ratio Lower Upper
117 100
82 54.9 41.8 62.8
119 33.0 24.8 37.2

Manual Integrations
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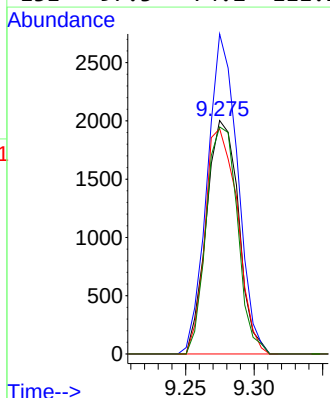
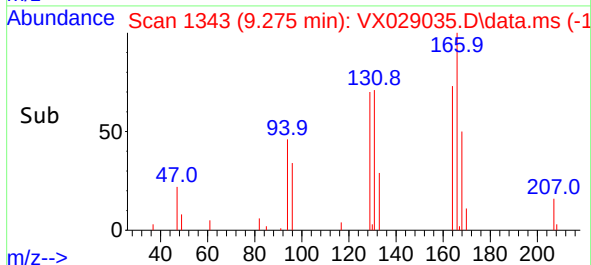
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

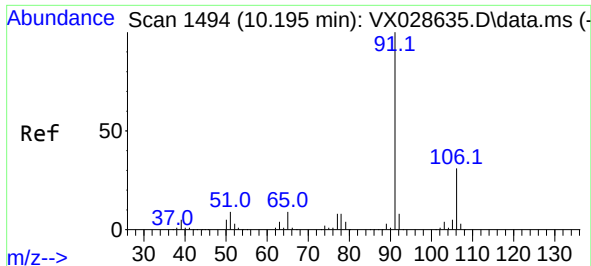


#64
Tetrachloroethene
Concen: 0.726 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX029035.D
Acq: 27 May 2022 19:30



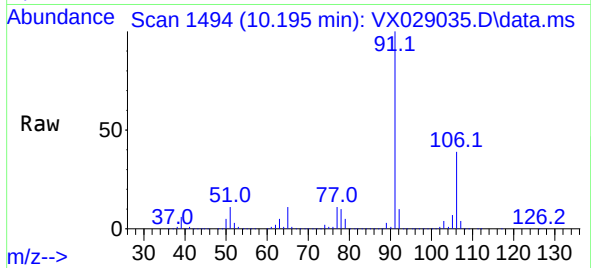
Tgt Ion:164 Resp: 3276
Ion Ratio Lower Upper
164 100
166 137.1 101.2 151.8
129 96.6 73.0 109.4
131 97.3 74.2 111.2





#67
Ethyl Benzene
Concen: 334.619 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029035.D
Acq: 27 May 2022 19:30

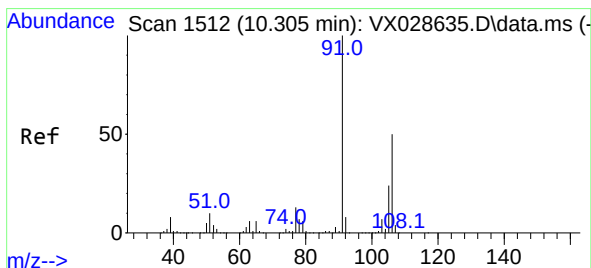
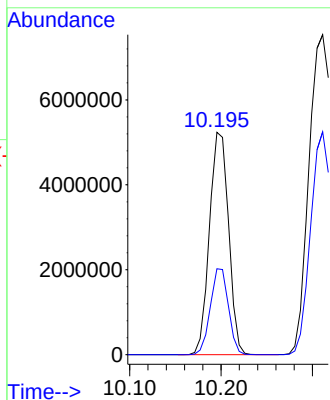
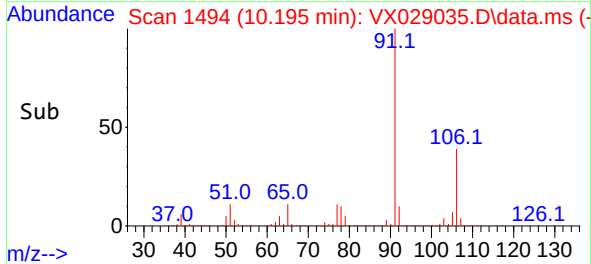
Instrument :
MSVOA_X
ClientSampleId :
MW-03



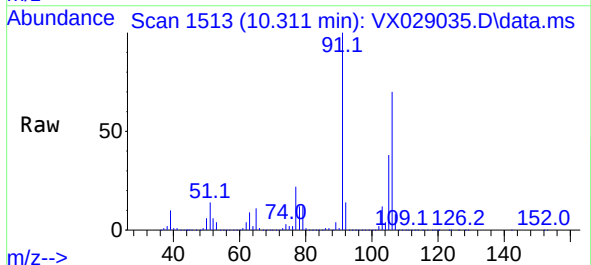
Tgt Ion: 91 Resp: 7604680
Ion Ratio Lower Upper
91 100
106 38.7 24.6 36.8

Manual Integrations
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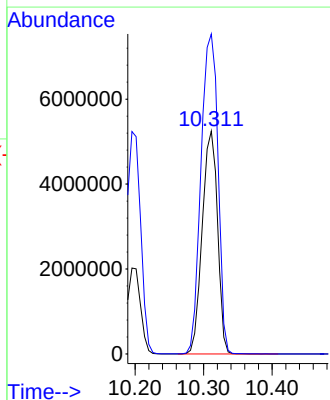
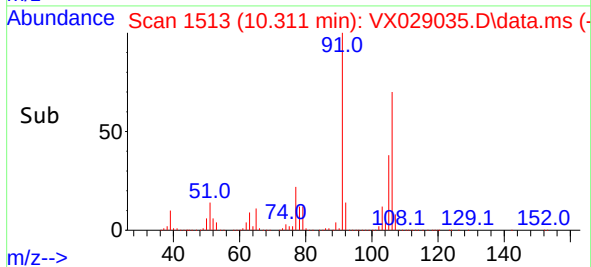
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

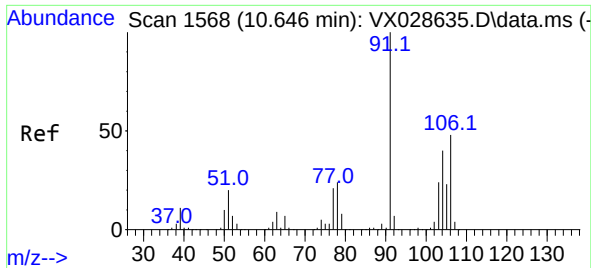


#68
m/p-Xylenes
Concen: 921.531 ug/l
RT: 10.311 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VX029035.D
Acq: 27 May 2022 19:30



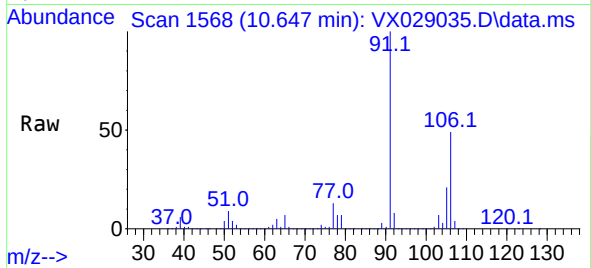
Tgt Ion:106 Resp: 8153701
Ion Ratio Lower Upper
106 100
91 159.5 160.4 240.6





#69
o-Xylene
Concen: 154.316 ug/l
RT: 10.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX029035.D
Acq: 27 May 2022 19:30

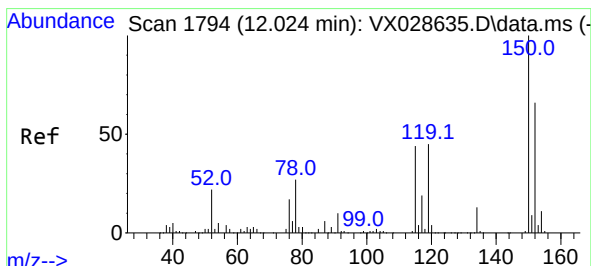
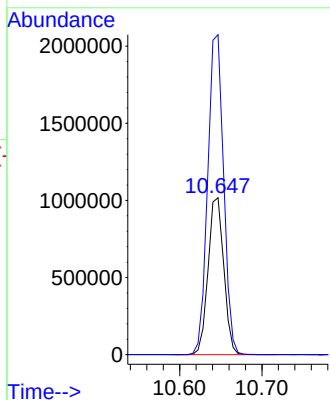
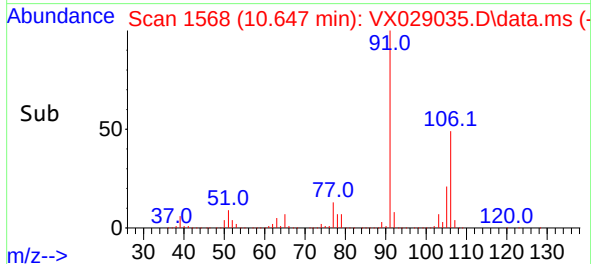
Instrument :
MSVOA_X
ClientSampleId :
MW-03



Tgt Ion:106 Resp: 134429
Ion Ratio Lower Upper
106 100
91 207.2 106.1 318.1

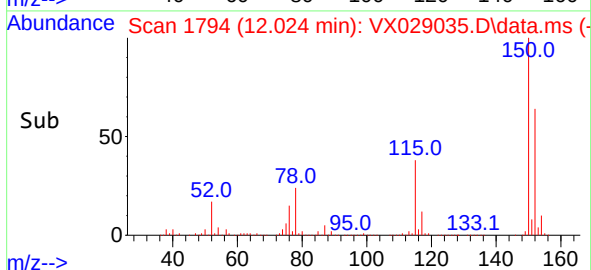
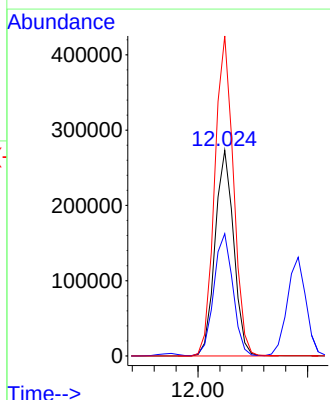
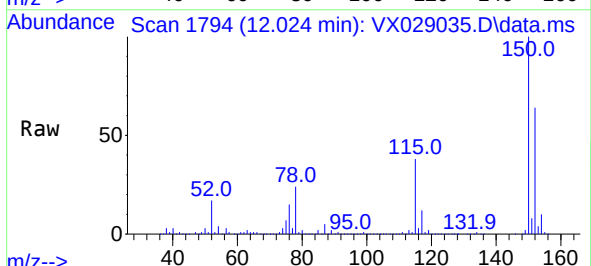
Manual Integrations
APPROVED

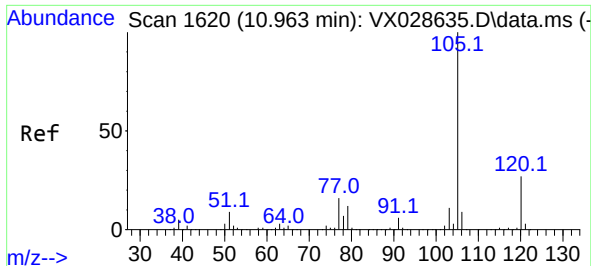
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029035.D
Acq: 27 May 2022 19:30

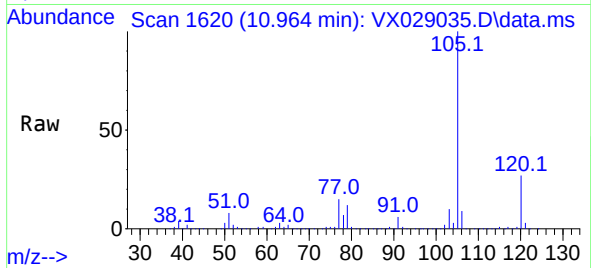
Tgt Ion:152 Resp: 322064
Ion Ratio Lower Upper
152 100
115 60.7 37.5 112.7
150 157.1 0.0 338.2





#73
Isopropylbenzene
Concen: 17.860 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX029035.D
Acq: 27 May 2022 19:30

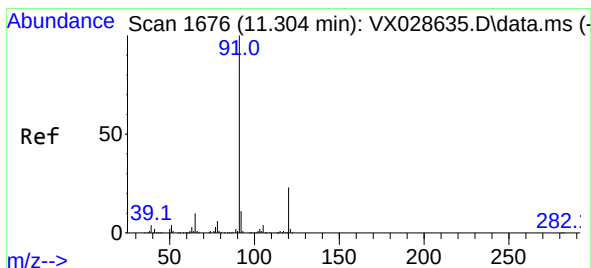
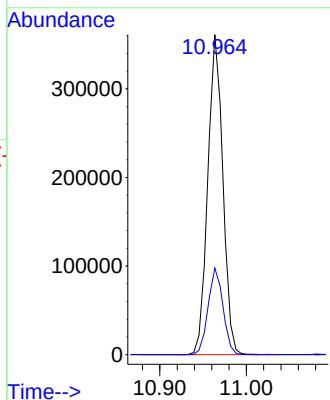
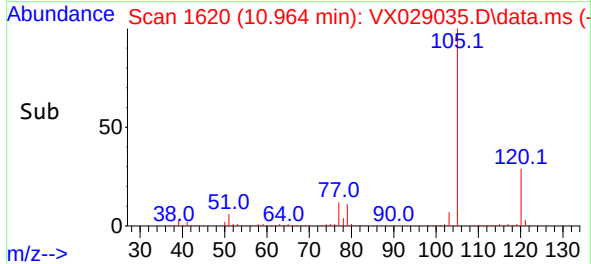
Instrument :
MSVOA_X
ClientSampleId :
MW-03



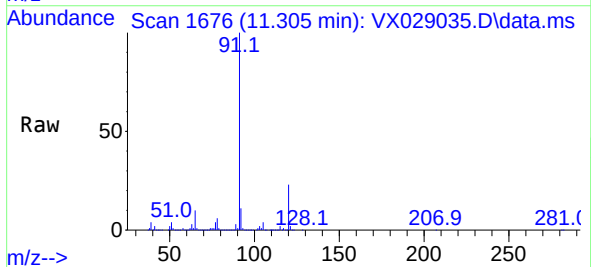
Tgt Ion:105 Resp: 436200
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.5

Manual Integrations
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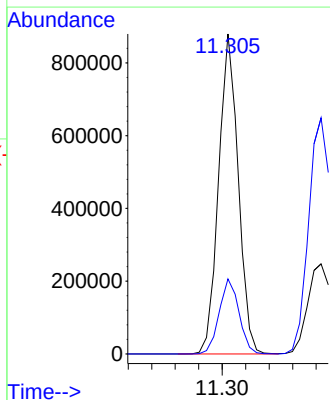
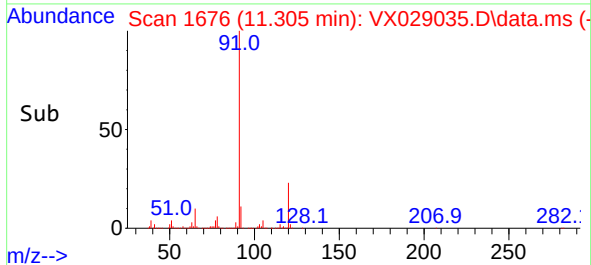
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

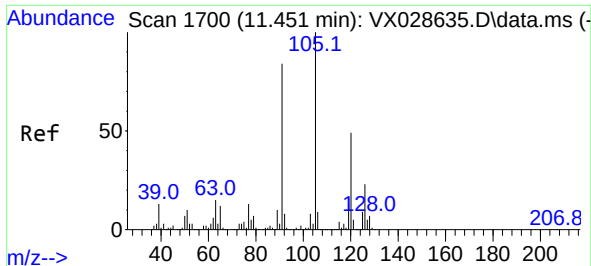


#78
n-propylbenzene
Concen: 36.071 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX029035.D
Acq: 27 May 2022 19:30



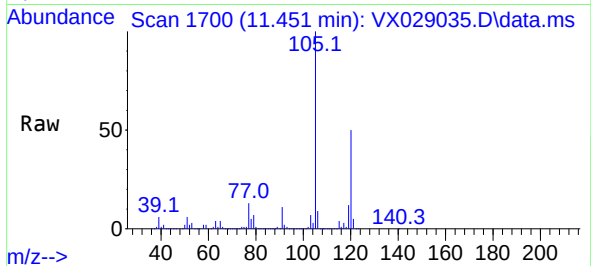
Tgt Ion: 91 Resp: 1019057
Ion Ratio Lower Upper
91 100
120 23.7 11.6 34.8





#80
1,3,5-Trimethylbenzene
Concen: 81.234 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX029035.D
Acq: 27 May 2022 19:30

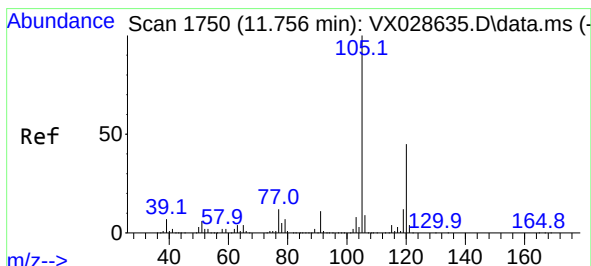
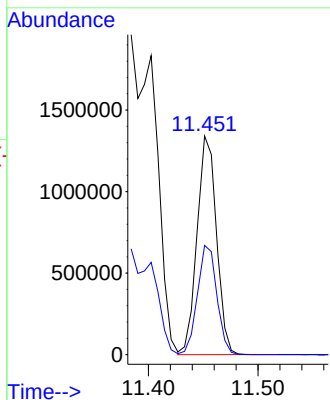
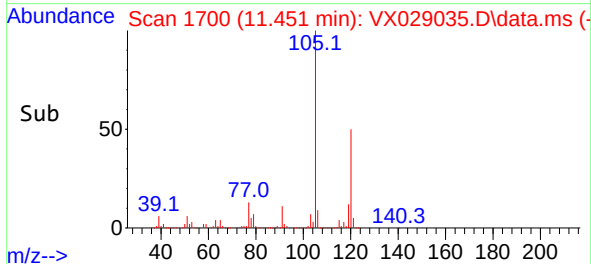
Instrument :
MSVOA_X
ClientSampleId :
MW-03



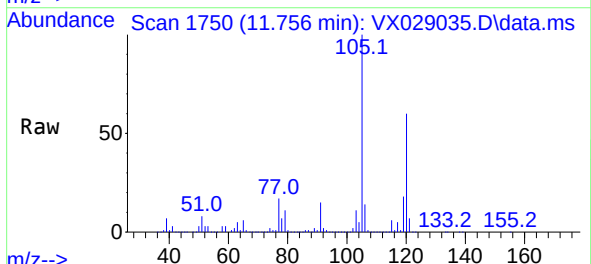
Tgt Ion:105 Resp: 1653198
Ion Ratio Lower Upper
105 100
120 50.0 24.3 72.9

Manual Integrations
APPROVED

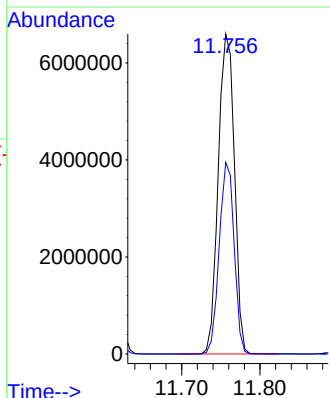
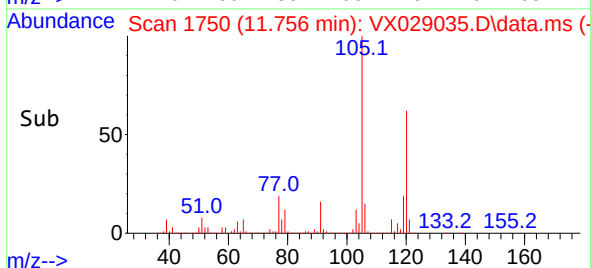
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

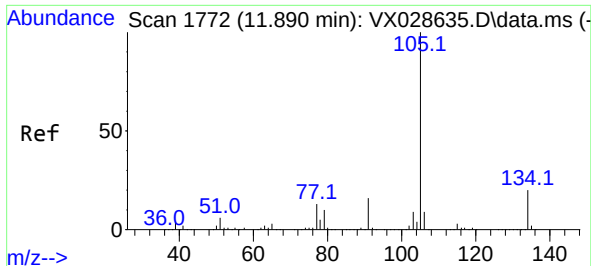


#84
1,2,4-Trimethylbenzene
Concen: 464.496 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX029035.D
Acq: 27 May 2022 19:30



Tgt Ion:105 Resp: 9479327
Ion Ratio Lower Upper
105 100
120 55.2 22.6 67.8





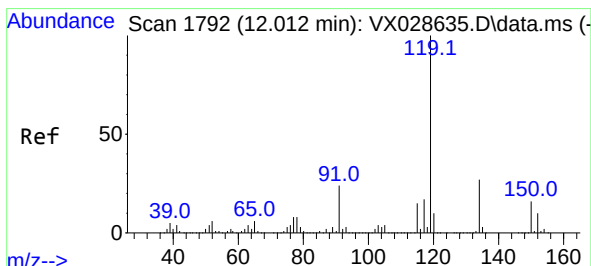
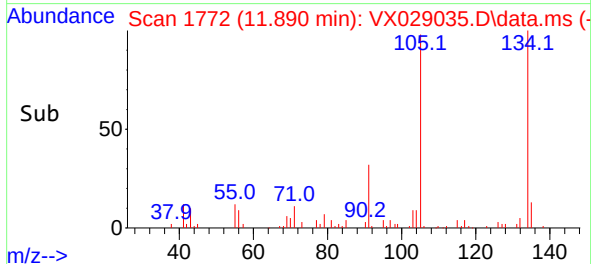
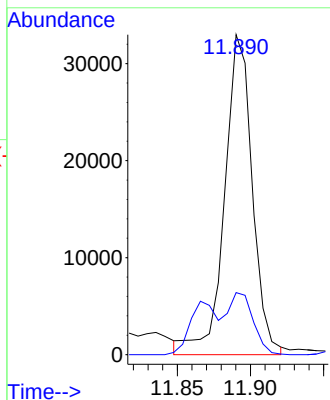
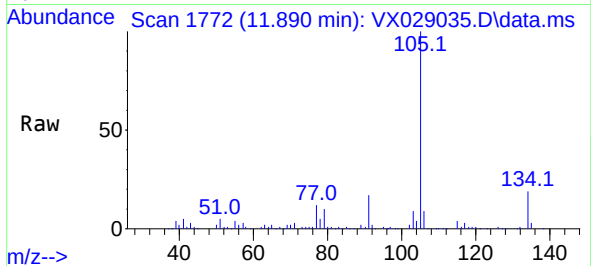
#85
 sec-Butylbenzene
 Concen: 1.792 ug/l m
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX029035.D
 Acq: 27 May 2022 19:30

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-03

Tgt Ion:105 Resp: 4355
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/31/2022
 Supervised By :Mahesh Dadoda 05/31/2022



#86
 p-Isopropyltoluene
 Concen: 1.770 ug/l m
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX029035.D
 Acq: 27 May 2022 19:30

Tgt Ion:119 Resp: 36108
 Ion Ratio Lower Upper
 119 100
 134 46.1 13.0 39.0#
 91 0.0 11.3 33.9#

