

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051622\
 Data File : VX028737.D
 Acq On : 16 May 2022 17:28
 Operator : JC/MD
 Sample : N2862-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP051322

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/17/2022
 Supervised By : Mahesh Dadoda 05/17/2022

Quant Time: May 17 03:39:23 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	242201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	441842	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	430981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	233852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	171549	51.671	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.340%			
35) Dibromofluoromethane	5.391	113	145607	50.298	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.600%			
50) Toluene-d8	8.653	98	537787	49.274	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.540%			
62) 4-Bromofluorobenzene	11.079	95	212107	52.031	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.060%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.959	59	12783	10.499	ug/l	99
16) Acetone	2.380	43	4208	2.953	ug/l	94
39) Methylcyclohexane	7.385	83	9588	1.923	ug/l	88
52) Toluene	8.720	92	33734	4.197	ug/l	98
61) 1,2-Dibromoethane	9.616	107	33574	9.752	ug/l	99
67) Ethyl Benzene	10.195	91	52457	3.201	ug/l	98
68) m/p-Xylenes	10.305	106	577157	90.460	ug/l	100
69) o-Xylene	10.646	106	1286592	204.816	ug/l	99
73) Isopropylbenzene	10.963	105	25764	1.453	ug/l	98
78) n-propylbenzene	11.305	91	34093	1.662	ug/l #	52
80) 1,3,5-Trimethylbenzene	11.451	105	572344	38.732	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	825911	55.736	ug/l	100
85) sec-Butylbenzene	11.890	105	9862m	0.559	ug/l	
86) p-Isopropyltoluene	12.012	119	17882	1.208	ug/l	90
95) Naphthalene	13.780	128	470249	28.298	ug/l	99

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

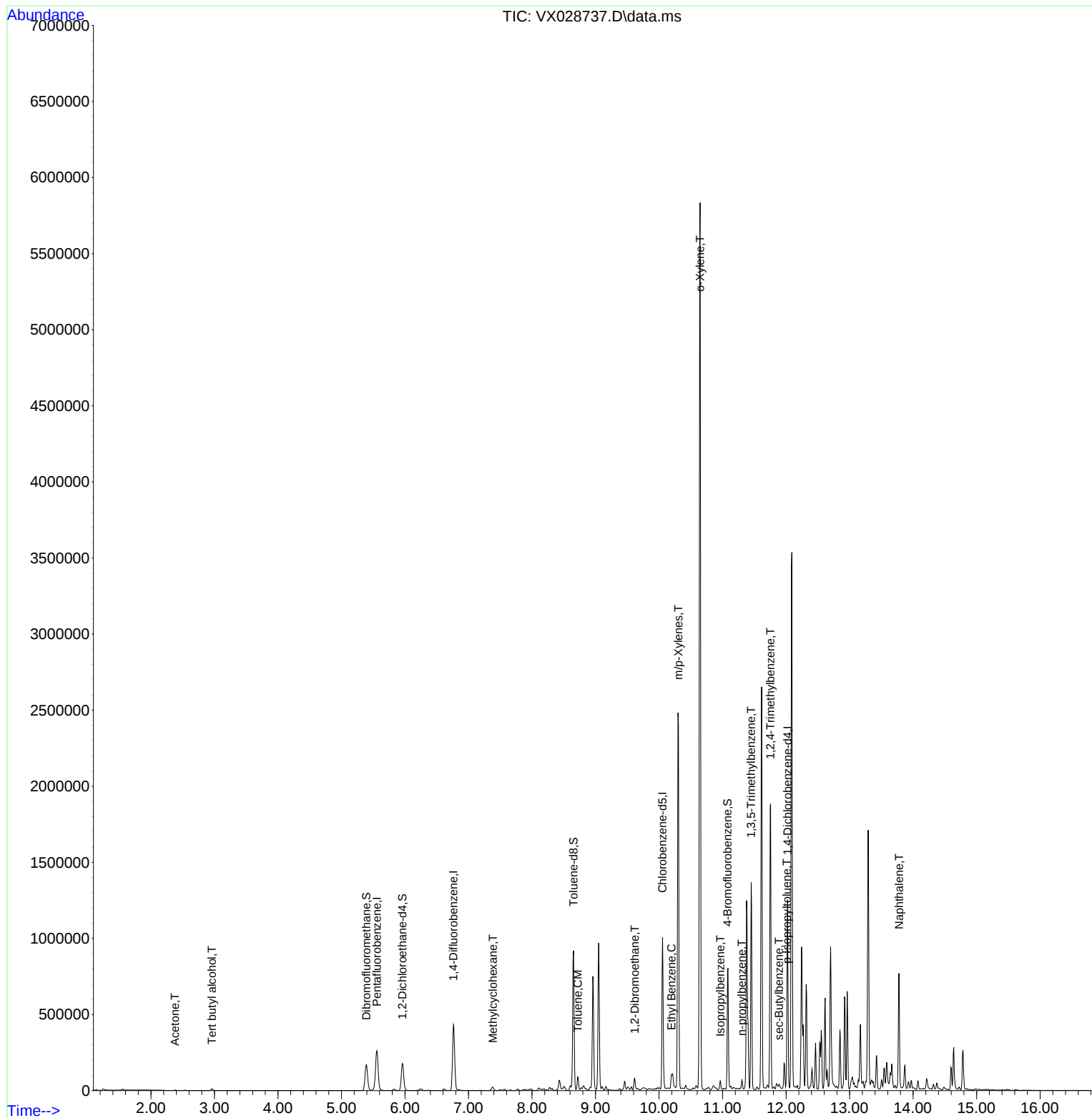
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051622\
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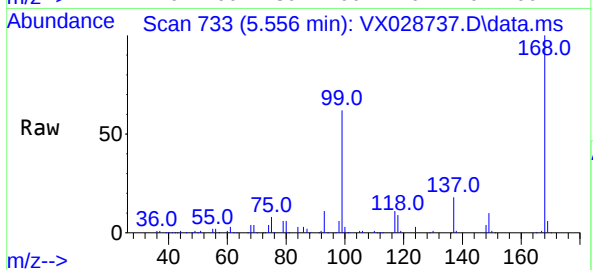
Reviewed By : John Carlone 05/17/2022
Supervised By : Mahesh Dadoda 05/17/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028737.D
Acq: 16 May 2022 17:28

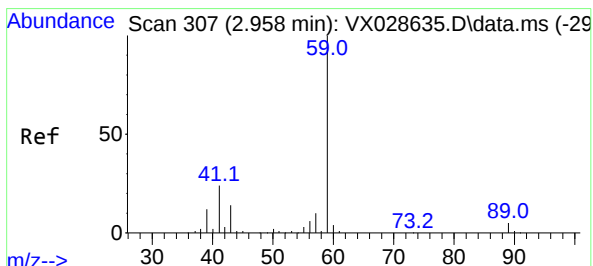
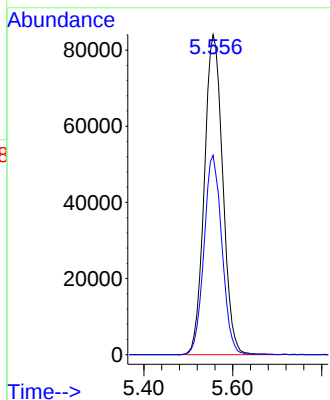
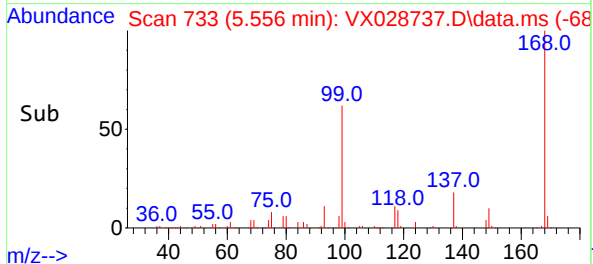
Instrument :
MSVOA_X
ClientSampleId :
DUP051322



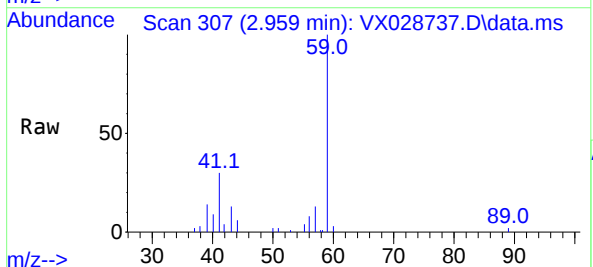
Tgt Ion:168 Resp: 24220
Ion Ratio Lower Upper
168 100
99 62.3 41.7 62.5

Manual Integrations
APPROVED

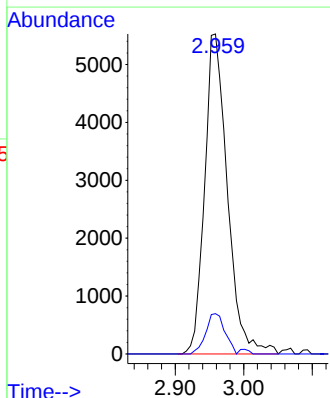
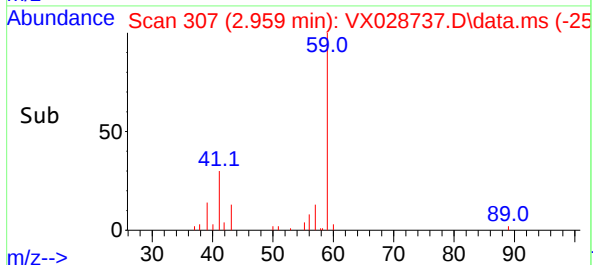
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

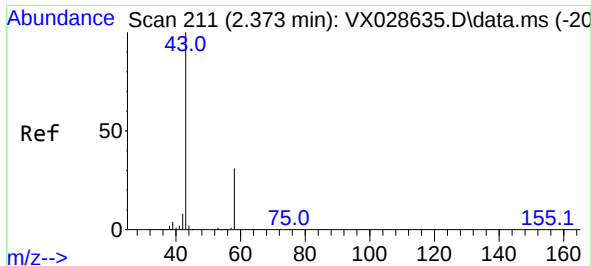


#11
Tert butyl alcohol
Concen: 10.499 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.001 min
Lab File: VX028737.D
Acq: 16 May 2022 17:28



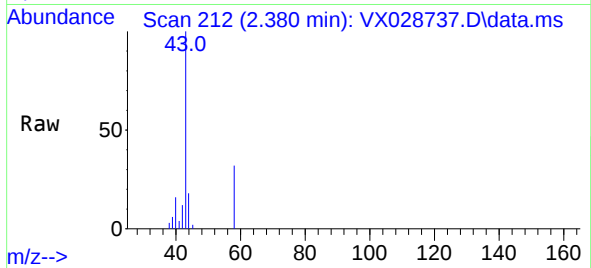
Tgt Ion: 59 Resp: 12783
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5





#16
Acetone
Concen: 2.953 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028737.D
Acq: 16 May 2022 17:28

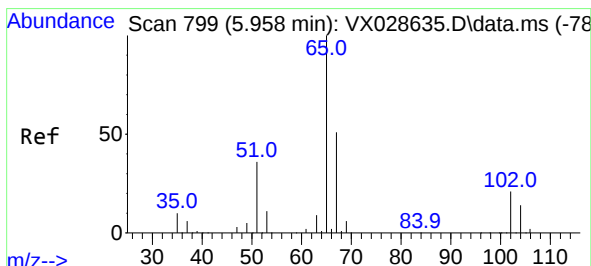
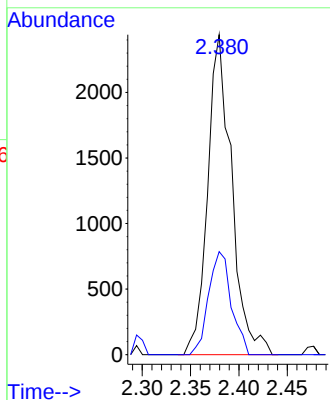
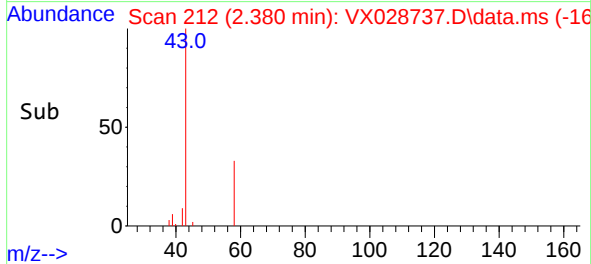
Instrument :
MSVOA_X
ClientSampleId :
DUP051322



Tgt Ion: 43 Resp: 4208
Ion Ratio Lower Upper
43 100
58 32.2 28.8 43.2

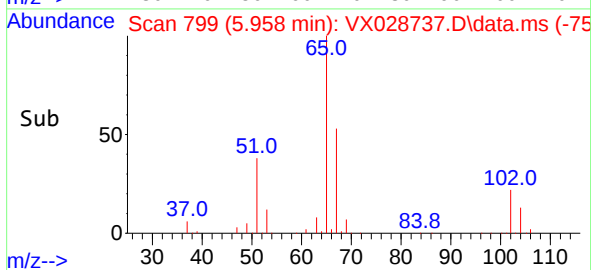
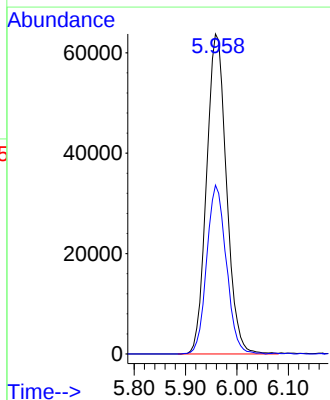
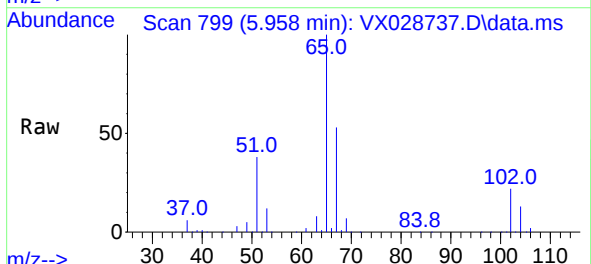
Manual Integrations
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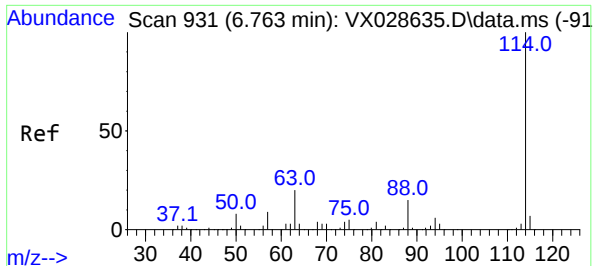
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#33
1,2-Dichloroethane-d4
Concen: 51.671 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028737.D
Acq: 16 May 2022 17:28

Tgt Ion: 65 Resp: 171549
Ion Ratio Lower Upper
65 100
67 51.8 0.0 107.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028737.D
Acq: 16 May 2022 17:28

Instrument :

MSVOA_X

ClientSampleId :

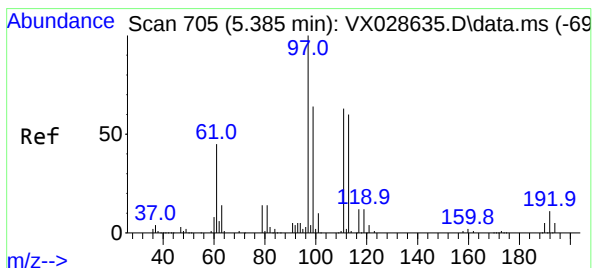
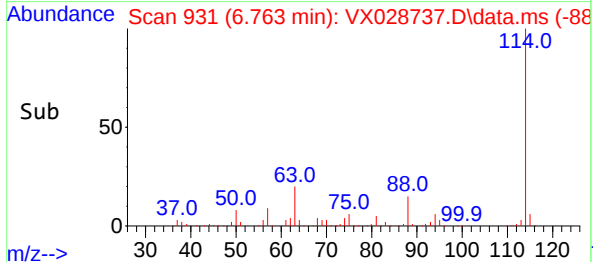
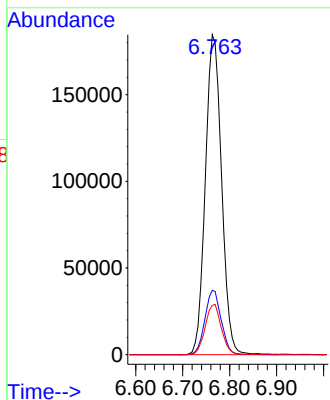
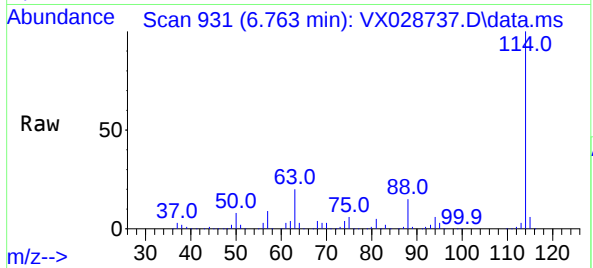
DUP051322

Tgt Ion:114 Resp: 44184
Ion Ratio Lower Upper
114 100
63 20.1 0.0 36.8
88 15.4 0.0 32.4

Manual Integrations

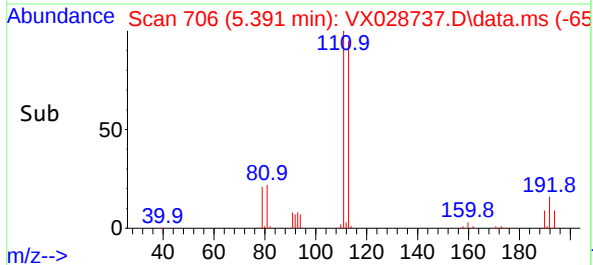
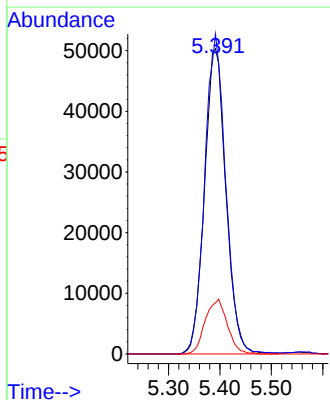
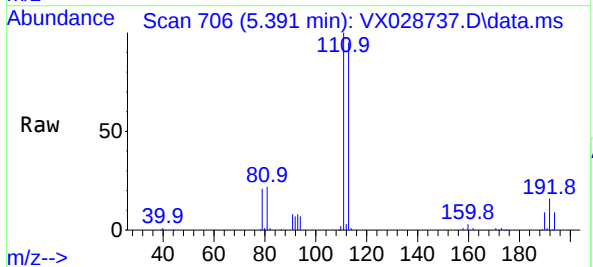
APPROVED

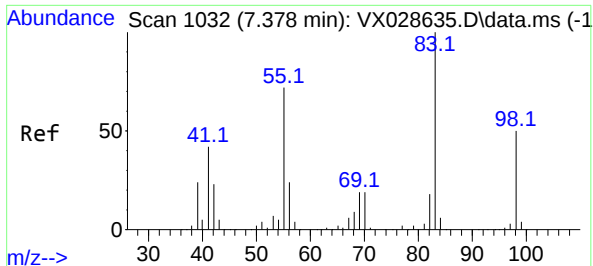
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#35
Dibromofluoromethane
Concen: 50.298 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028737.D
Acq: 16 May 2022 17:28

Tgt Ion:113 Resp: 145607
Ion Ratio Lower Upper
113 100
111 103.0 82.8 124.2
192 18.5 16.9 25.3





#39

Methylcyclohexane

Concen: 1.923 ug/l

RT: 7.385 min Scan# 1032

Delta R.T. 0.007 min

Lab File: VX028737.D

Acq: 16 May 2022 17:28

Instrument :

MSVOA_X

ClientSampleId :

DUP051322

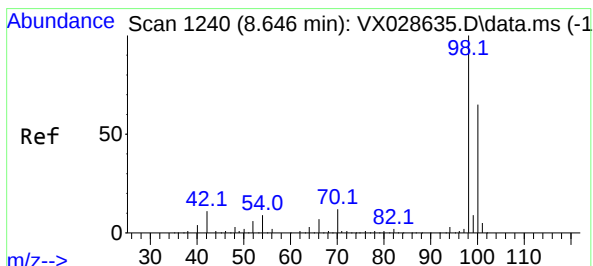
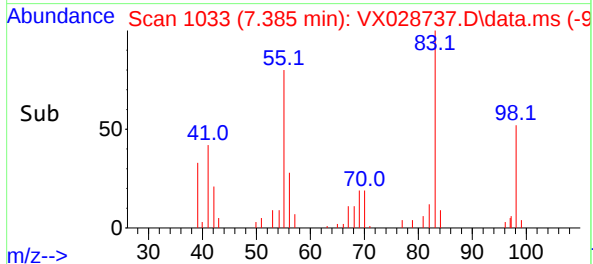
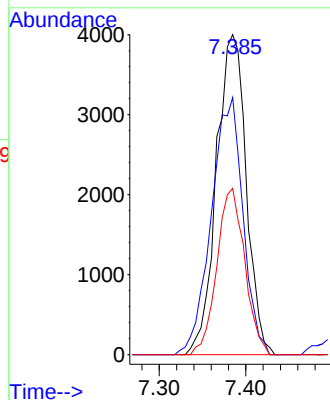
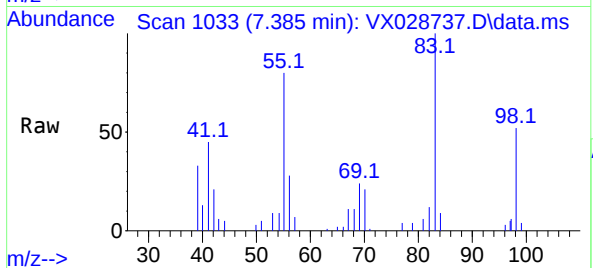
Tgt Ion: 83	Resp: 958
Ion Ratio	Lower Upper
83	100
55	80.4 54.6 81.8
98	52.0 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2022

Supervised By :Mahesh Dadoda 05/17/2022



#50

Toluene-d8

Concen: 49.274 ug/l

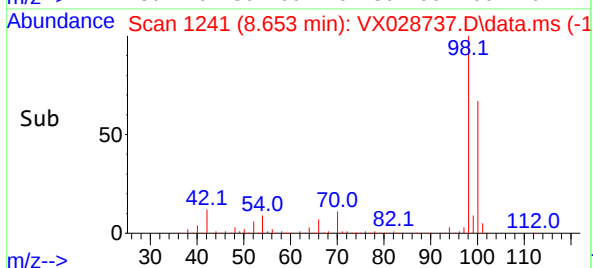
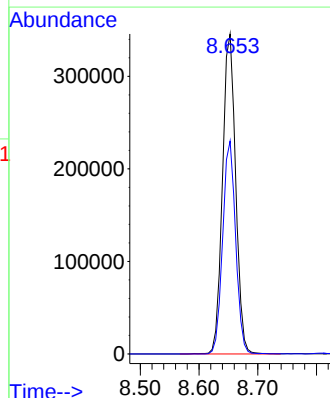
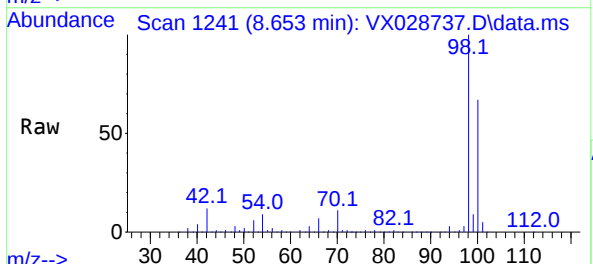
RT: 8.653 min Scan# 1241

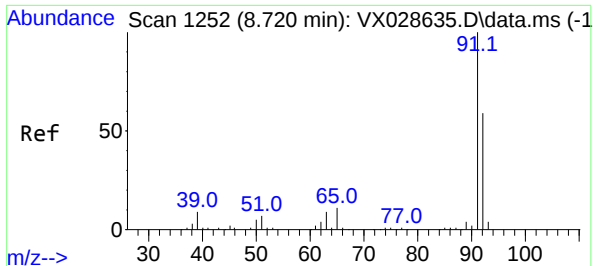
Delta R.T. 0.007 min

Lab File: VX028737.D

Acq: 16 May 2022 17:28

Tgt Ion: 98	Resp: 537787
Ion Ratio	Lower Upper
98	100
100	65.4 52.6 78.8





#52

Toluene

Concen: 4.197 ug/l

RT: 8.720 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX028737.D

Acq: 16 May 2022 17:28

Instrument :

MSVOA_X

ClientSampleId :

DUP051322

Tgt Ion: 92 Resp: 33734

Ion Ratio Lower Upper

92 100

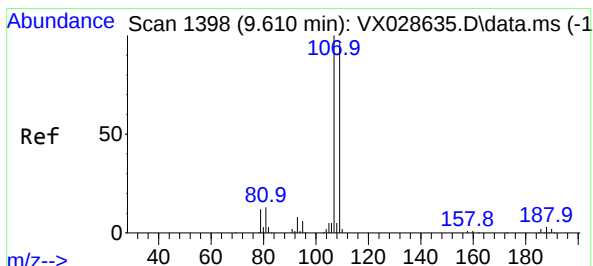
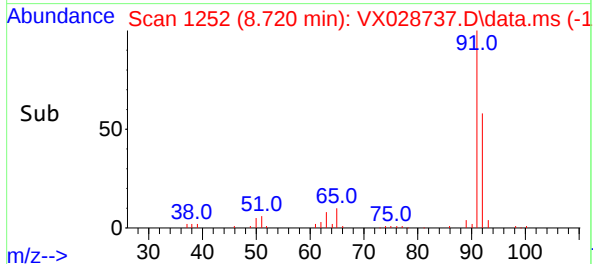
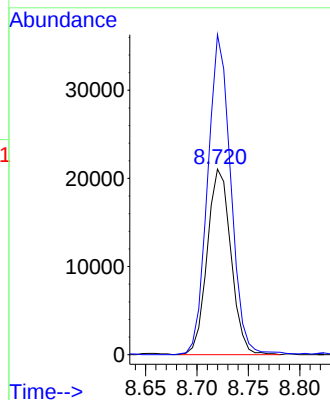
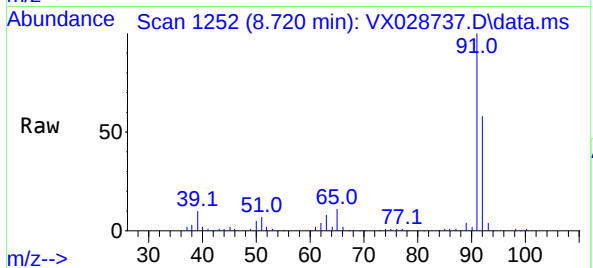
91 168.5 137.5 206.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2022

Supervised By :Mahesh Dadoda 05/17/2022



#61

1,2-Dibromoethane

Concen: 9.752 ug/l

RT: 9.616 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VX028737.D

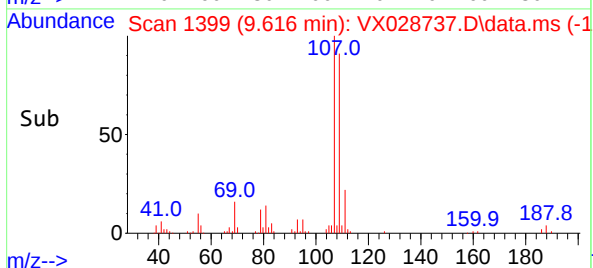
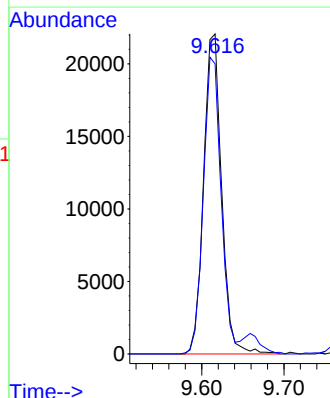
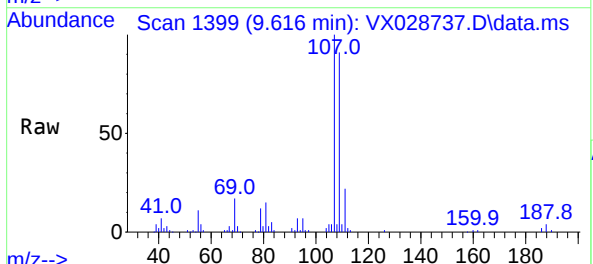
Acq: 16 May 2022 17:28

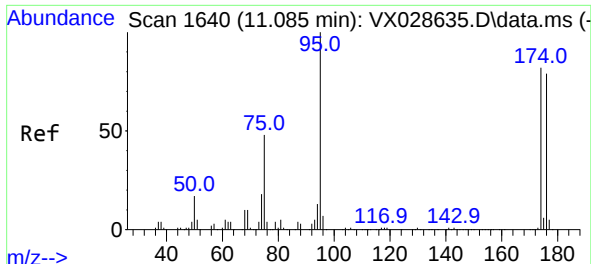
Tgt Ion:107 Resp: 33574

Ion Ratio Lower Upper

107 100

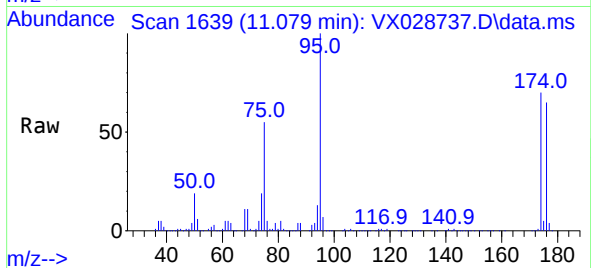
109 91.8 74.4 111.6





#62
4-Bromofluorobenzene
Concen: 52.031 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028737.D
Acq: 16 May 2022 17:28

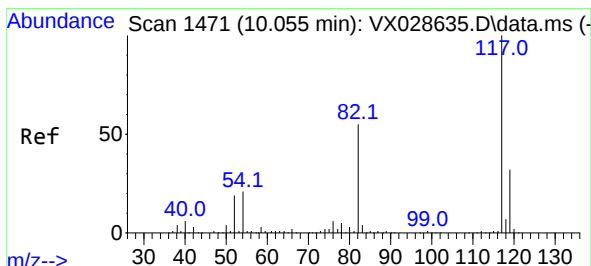
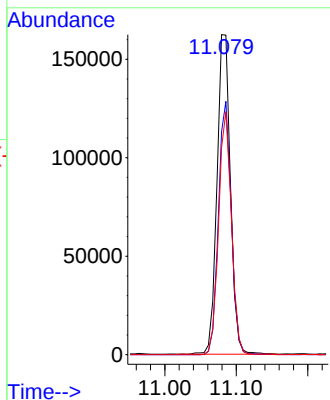
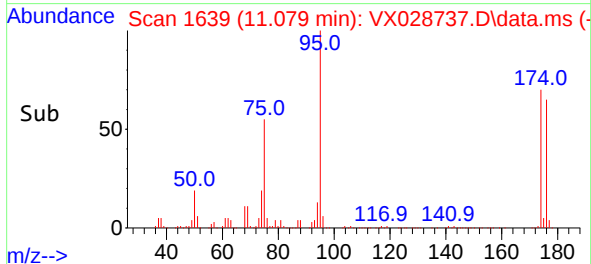
Instrument :
MSVOA_X
ClientSampleId :
DUP051322



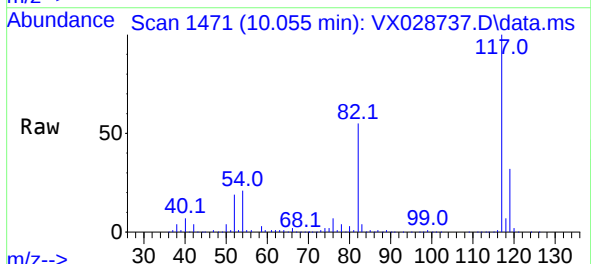
Tgt Ion: 95 Resp: 21210
Ion Ratio Lower Upper
95 100
174 75.6 0.0 163.0
176 72.2 0.0 155.0

Manual Integrations
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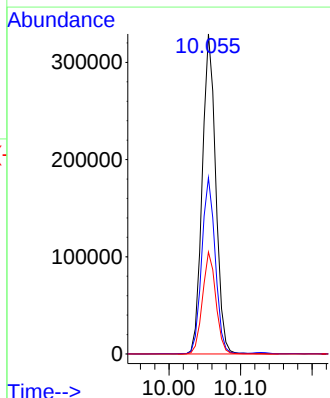
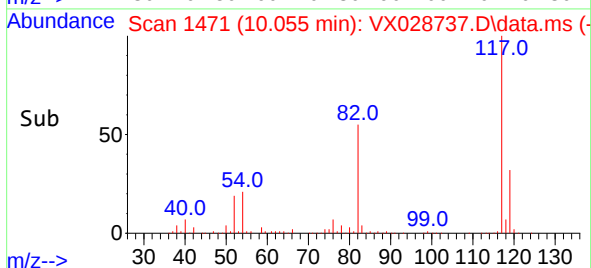
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

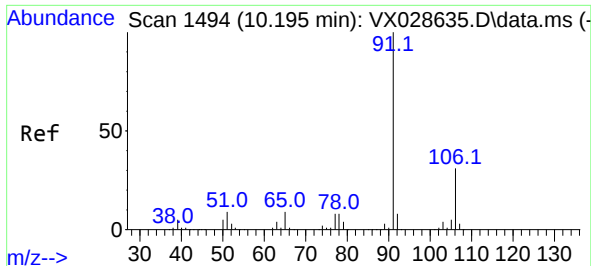


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028737.D
Acq: 16 May 2022 17:28



Tgt Ion:117 Resp: 430981
Ion Ratio Lower Upper
117 100
82 55.0 41.8 62.8
119 31.9 24.8 37.2





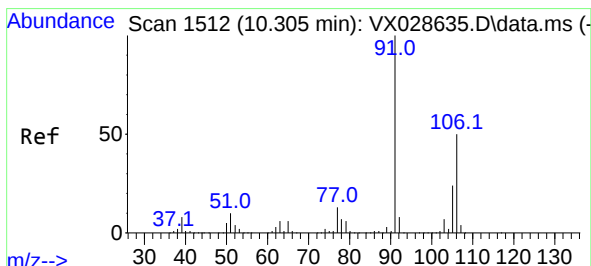
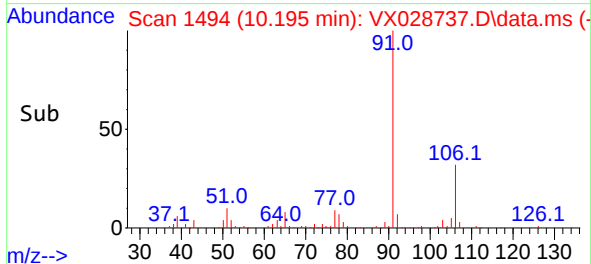
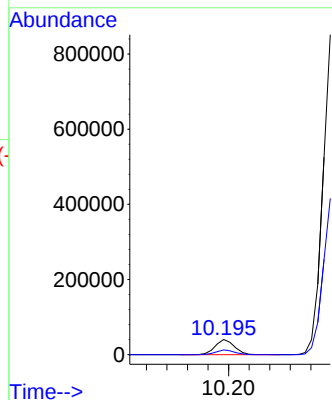
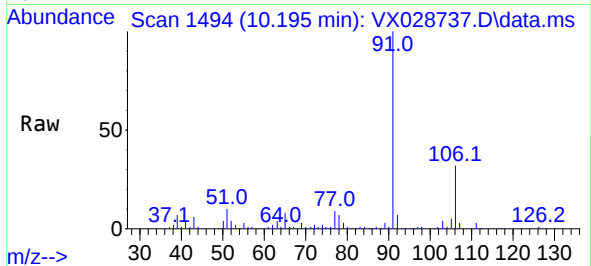
#67
Ethyl Benzene
Concen: 3.201 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028737.D
Acq: 16 May 2022 17:28

Instrument :
MSVOA_X
ClientSampleId :
DUP051322

Tgt Ion: 91 Resp: 5245
Ion Ratio Lower Upper
91 100
106 31.9 24.6 36.8

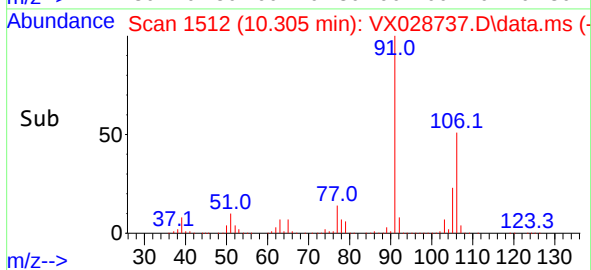
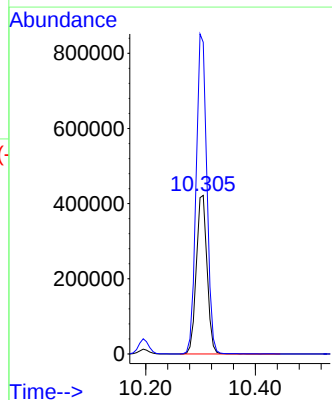
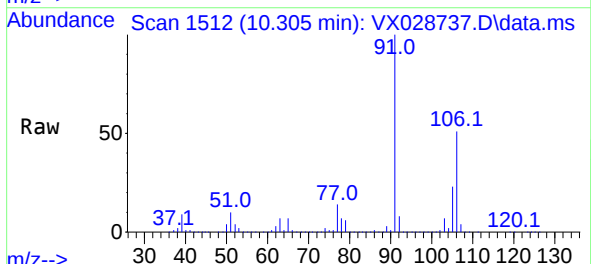
Manual Integrations
APPROVED

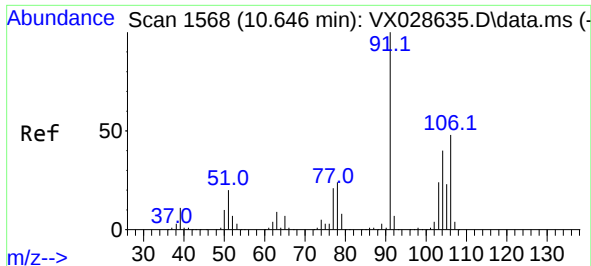
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#68
m/p-Xylenes
Concen: 90.460 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX028737.D
Acq: 16 May 2022 17:28

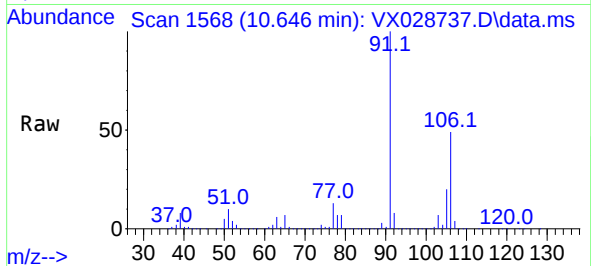
Tgt Ion:106 Resp: 577157
Ion Ratio Lower Upper
106 100
91 201.0 160.4 240.6





#69
o-Xylene
Concen: 204.816 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028737.D
Acq: 16 May 2022 17:28

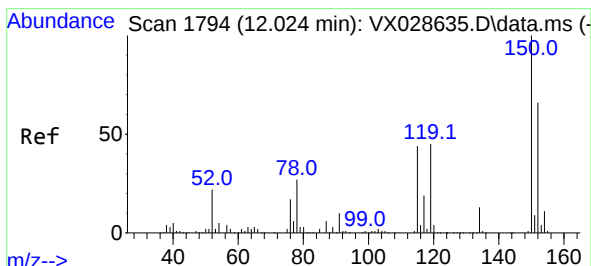
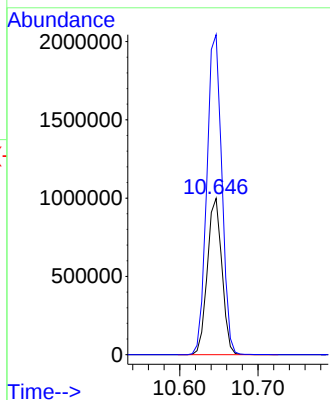
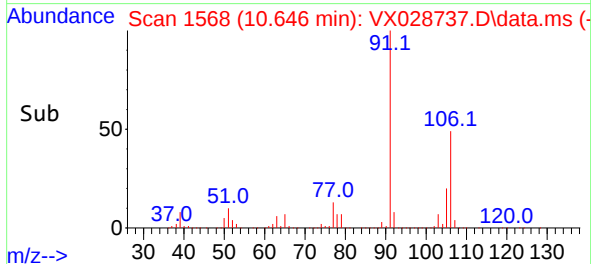
Instrument :
MSVOA_X
ClientSampleId :
DUP051322



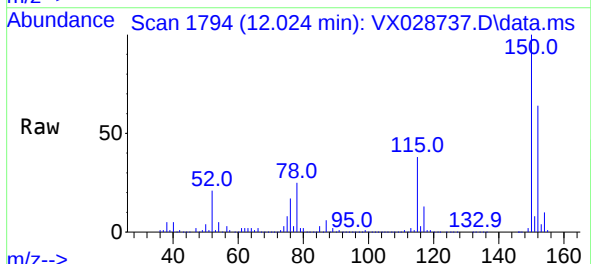
Tgt Ion:106 Resp: 1286592
Ion Ratio Lower Upper
106 100
91 210.6 106.1 318.1

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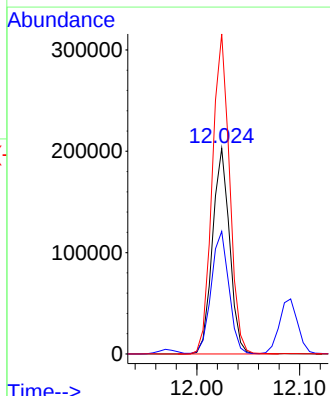
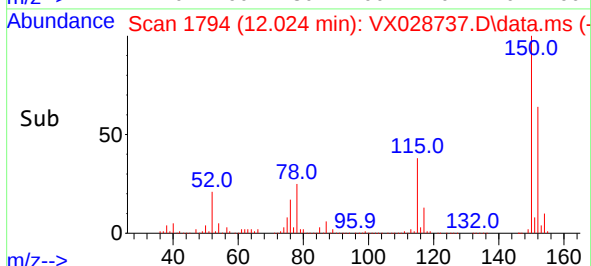
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

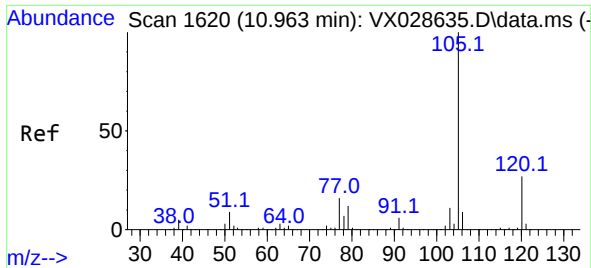


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028737.D
Acq: 16 May 2022 17:28



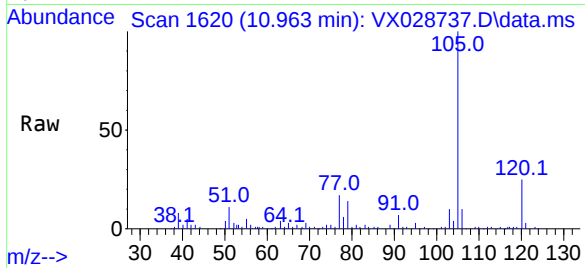
Tgt Ion:152 Resp: 233852
Ion Ratio Lower Upper
152 100
115 61.9 37.5 112.7
150 157.8 0.0 338.2





#73
Isopropylbenzene
Concen: 1.453 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028737.D
Acq: 16 May 2022 17:28

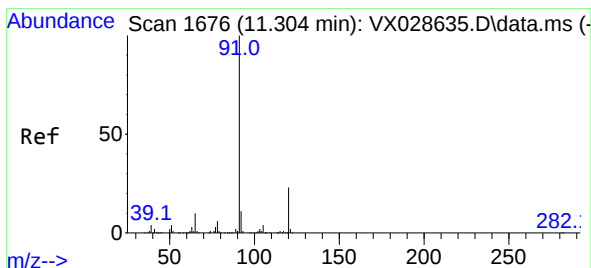
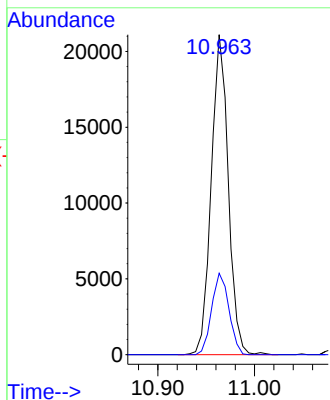
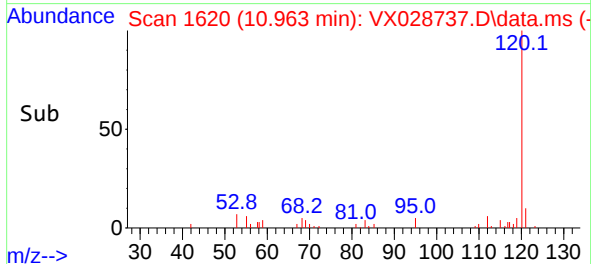
Instrument :
MSVOA_X
ClientSampleId :
DUP051322



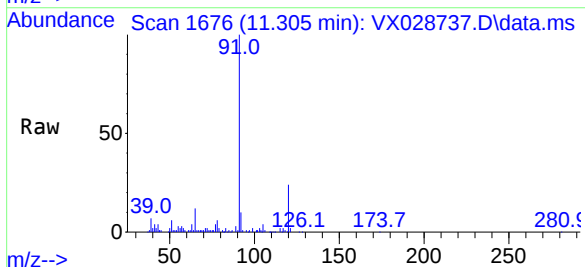
Tgt Ion:105 Resp: 25764
Ion Ratio Lower Upper
105 100
120 25.8 13.5 40.5

Manual Integrations
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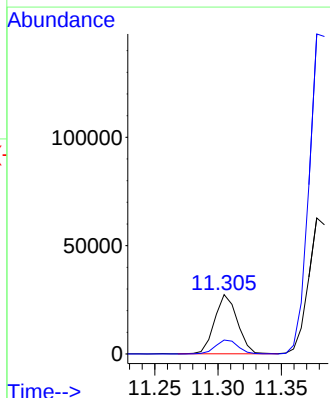
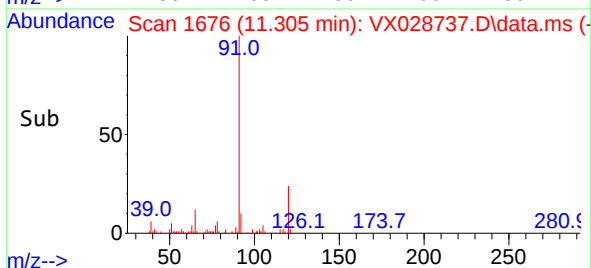
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

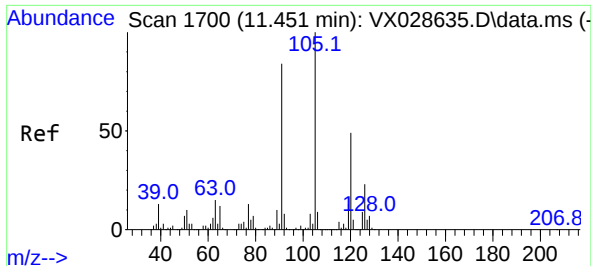


#78
n-propylbenzene
Concen: 1.662 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX028737.D
Acq: 16 May 2022 17:28



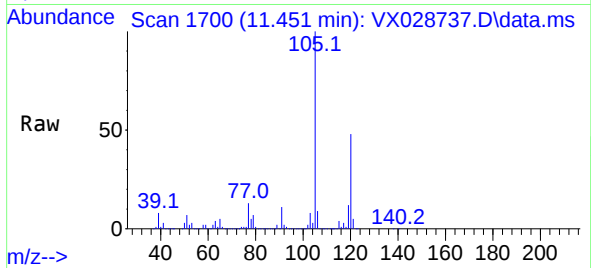
Tgt Ion: 91 Resp: 34093
Ion Ratio Lower Upper
91 100
120 0.0 11.6 34.8#





#80
1,3,5-Trimethylbenzene
Concen: 38.732 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028737.D
Acq: 16 May 2022 17:28

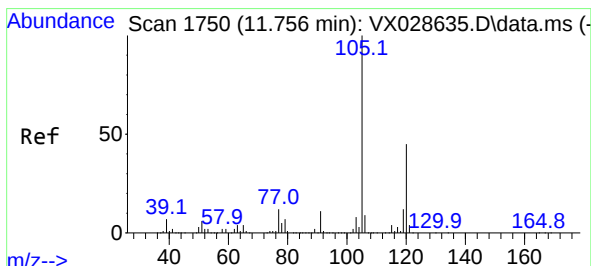
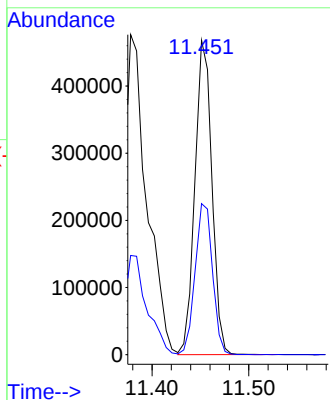
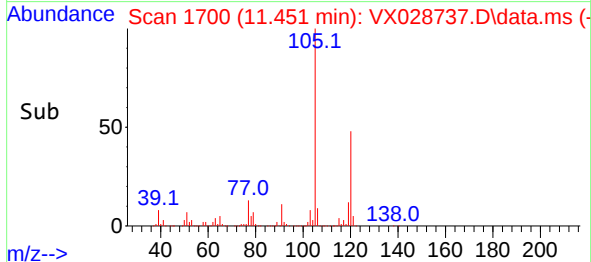
Instrument :
MSVOA_X
ClientSampleId :
DUP051322



Tgt Ion:105 Resp: 572344
Ion Ratio Lower Upper
105 100
120 49.3 24.3 72.9

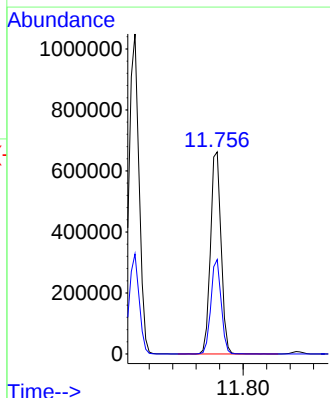
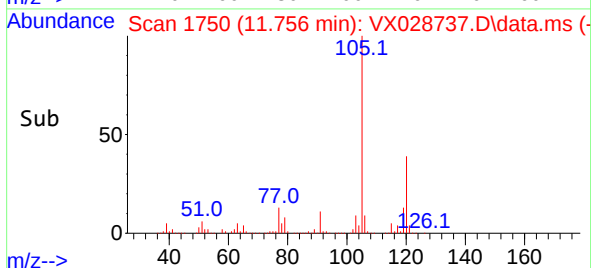
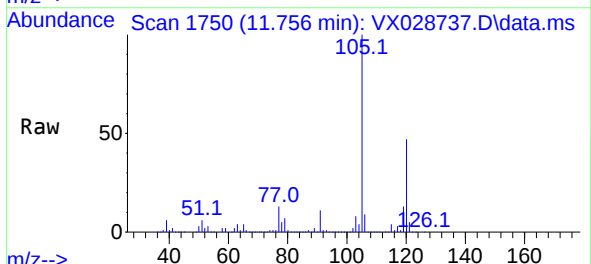
Manual Integrations
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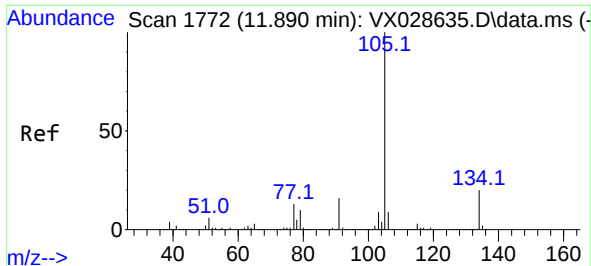
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#84
1,2,4-Trimethylbenzene
Concen: 55.736 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX028737.D
Acq: 16 May 2022 17:28

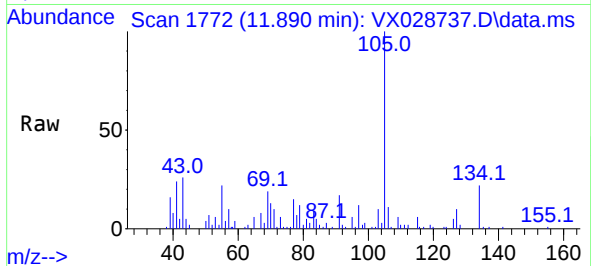
Tgt Ion:105 Resp: 825911
Ion Ratio Lower Upper
105 100
120 45.5 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 0.559 ug/l m
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX028737.D
 Acq: 16 May 2022 17:28

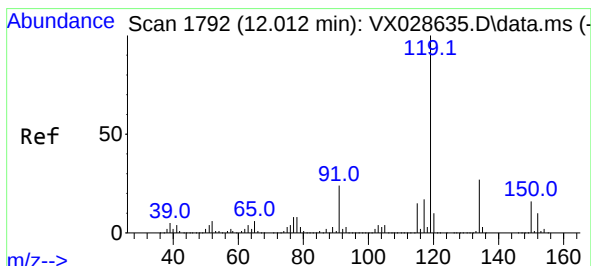
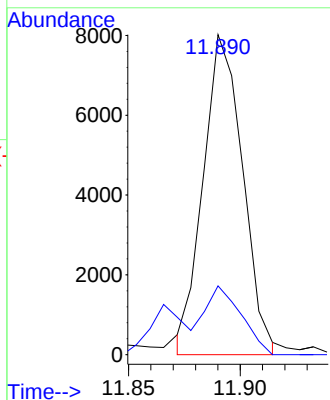
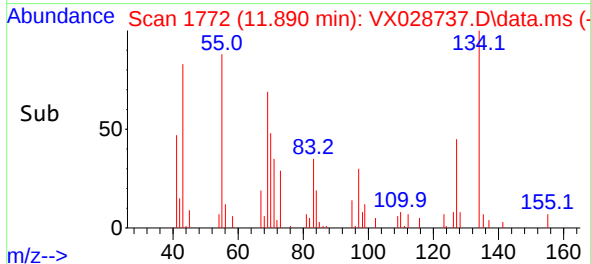
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP051322



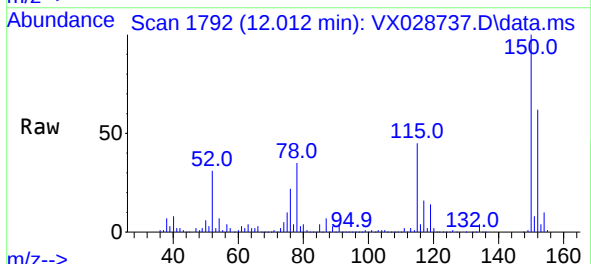
Tgt Ion:105 Resp: 9862
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4

Manual Integrations
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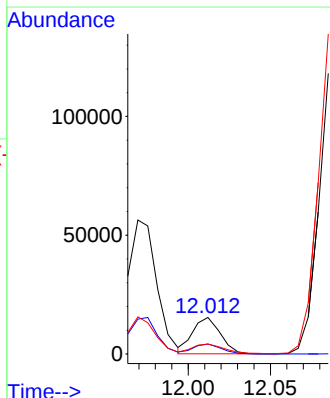
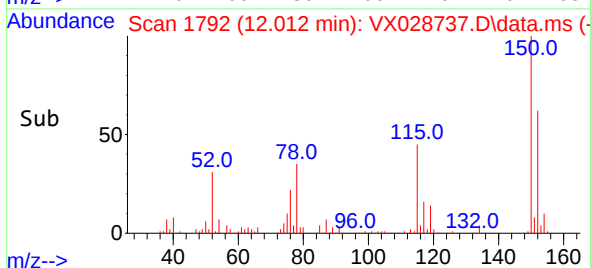
Reviewed By :John Carlone 05/17/2022
 Supervised By :Mahesh Dadoda 05/17/2022

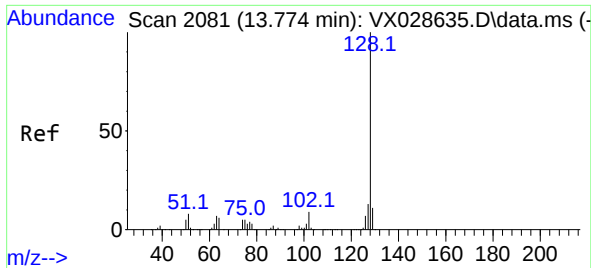


#86
 p-Isopropyltoluene
 Concen: 1.208 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX028737.D
 Acq: 16 May 2022 17:28



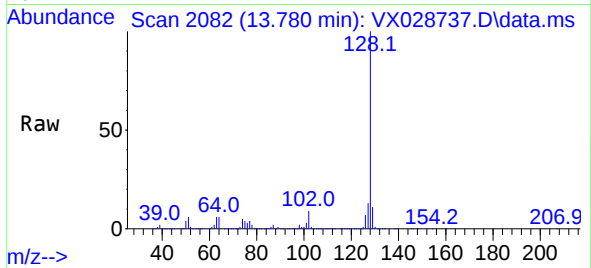
Tgt Ion:119 Resp: 17882
 Ion Ratio Lower Upper
 119 100
 134 27.9 13.0 39.0
 91 30.7 11.3 33.9





#95
Naphthalene
Concen: 28.298 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX028737.D
Acq: 16 May 2022 17:28

Instrument :
MSVOA_X
ClientSampleId :
DUP051322



Tgt Ion:128 Resp: 470249
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 11.4 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

