

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032423\
 Data File : VX034726.D
 Acq On : 24 Mar 2023 17:15
 Operator : JC/MD
 Sample : 02073-04 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRE-1660

Quant Time: Mar 27 01:33:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/27/2023
 Supervised By : Semsettin Yesilyurt 03/27/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	309030	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	519213	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	462621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	218508	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	226390	50.356	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.720%			
35) Dibromofluoromethane	5.385	113	161756	47.185	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.380%			
50) Toluene-d8	8.647	98	618416	48.324	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.640%			
62) 4-Bromofluorobenzene	11.079	95	241894	46.796	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.600%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.995	59	16617m	17.749	ug/l	
16) Acetone	2.392	43	13474846	6362.874	ug/l #	87
40) Benzene	6.044	78	3785	0.246	ug/l	97
52) Toluene	8.720	92	1119470	117.392	ug/l	98
67) Ethyl Benzene	10.195	91	6180	0.340	ug/l	89
68) m/p-Xylenes	10.299	106	8428	1.207	ug/l	94
69) o-Xylene	10.640	106	4972	0.710	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	12054	0.833	ug/l	94
95) Naphthalene	13.780	128	14619	0.909	ug/l	98

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

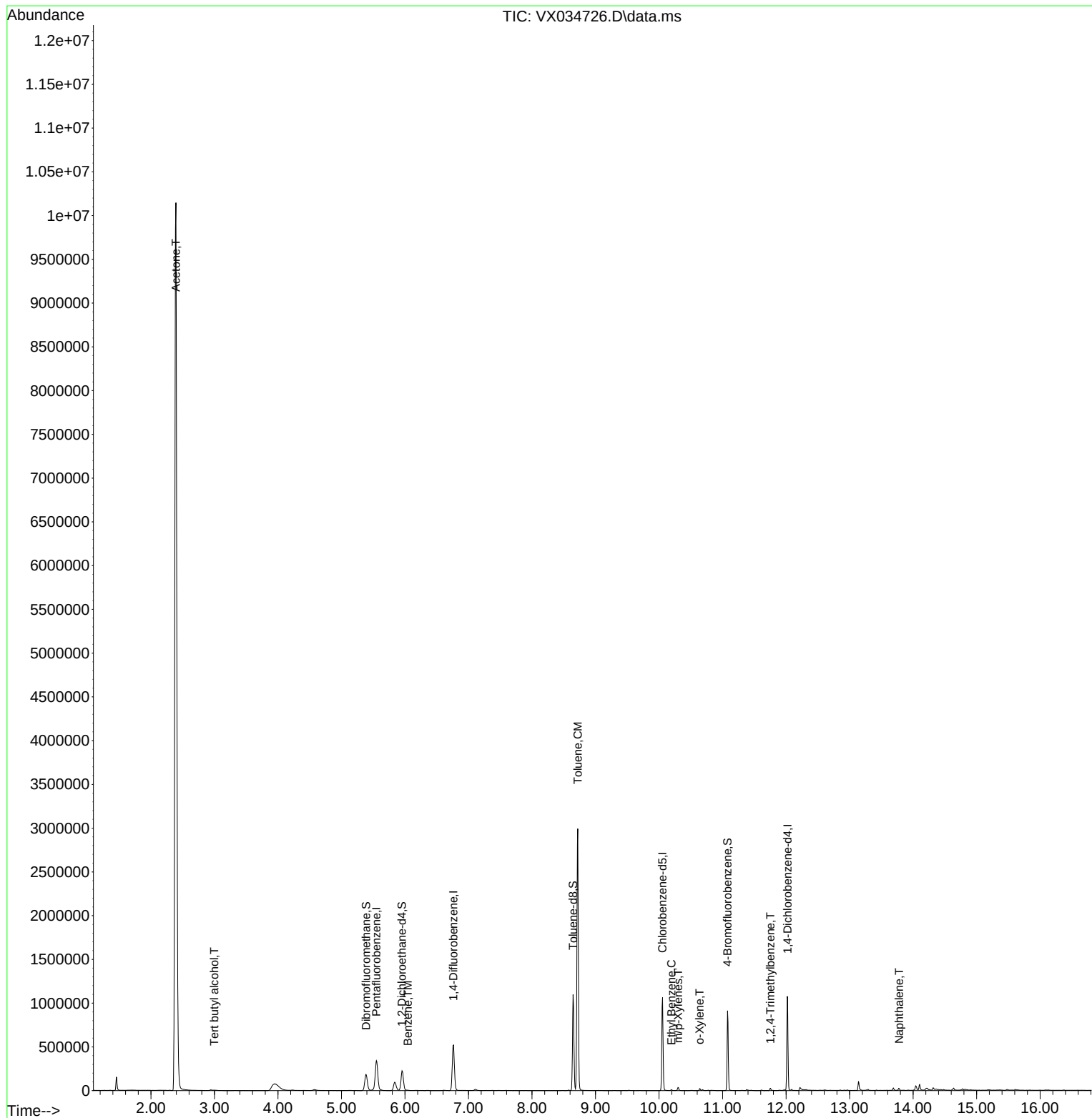
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032423\
Data File : VX034726.D
Acq On : 24 Mar 2023 17:15
Operator : JC/MD
Sample : 02073-04 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

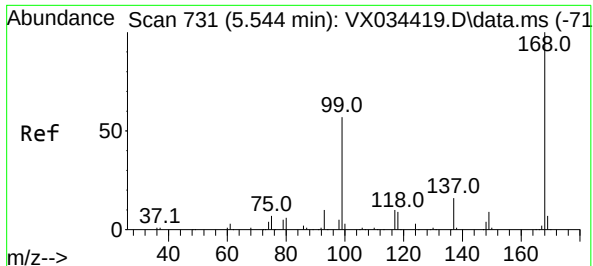
Instrument :
MSVOA_X
ClientSampleId :
TRE-1660

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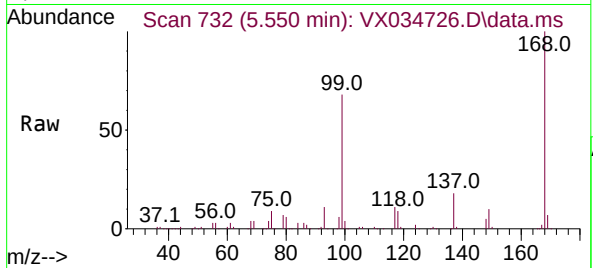
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX034726.D
Acq: 24 Mar 2023 17:15

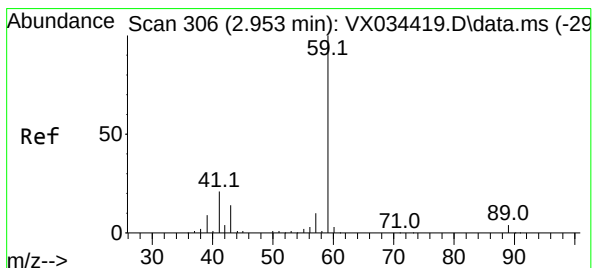
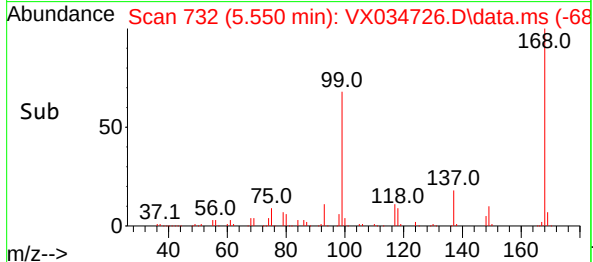
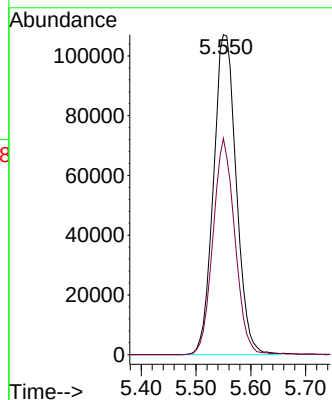
Instrument :
MSVOA_X
ClientSampleId :
TRE-1660



Tgt Ion:168 Resp: 309030
Ion Ratio Lower Upper
168 100
99 67.6 45.7 68.5

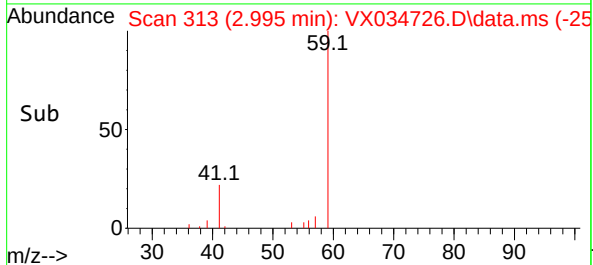
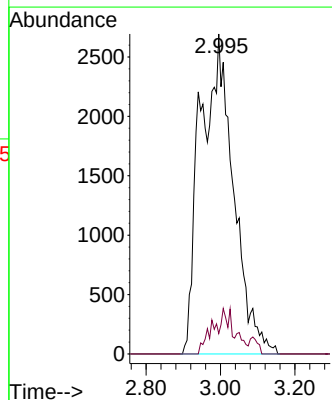
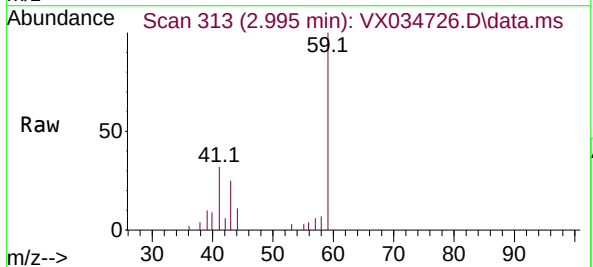
Manual Integrations
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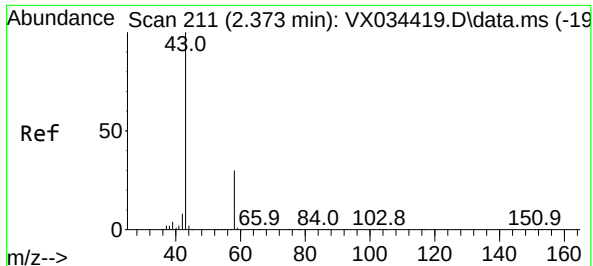
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#11
Tert butyl alcohol
Concen: 17.749 ug/l m
RT: 2.995 min Scan# 313
Delta R.T. 0.043 min
Lab File: VX034726.D
Acq: 24 Mar 2023 17:15

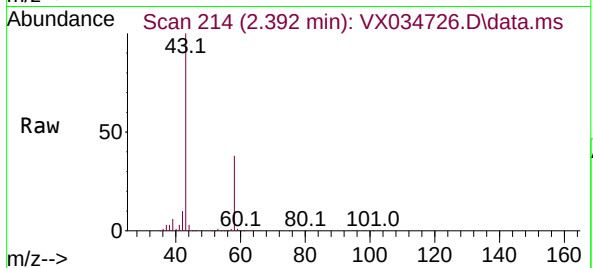
Tgt Ion: 59 Resp: 16617
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#16
Acetone
Concen: 6362.874 ug/l
RT: 2.392 min Scan# 211
Delta R.T. 0.018 min
Lab File: VX034726.D
Acq: 24 Mar 2023 17:15

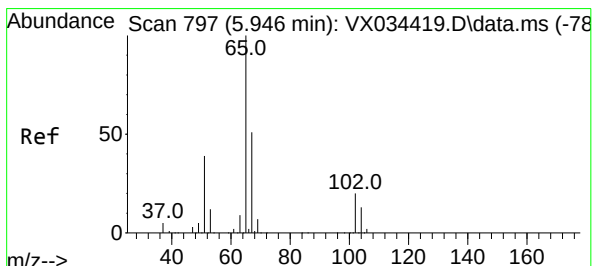
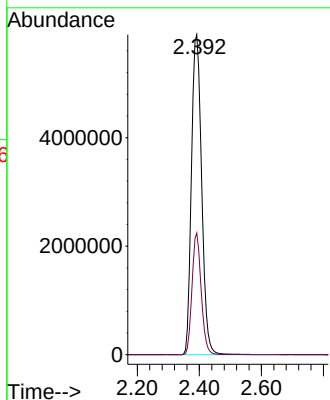
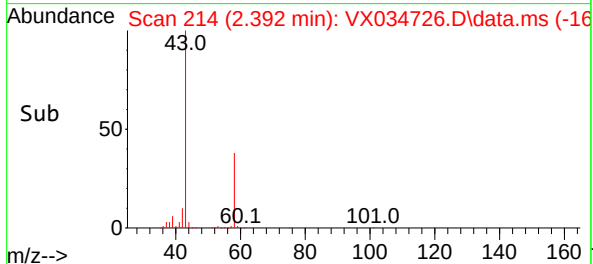
Instrument :
MSVOA_X
ClientSampleId :
TRE-1660



Tgt Ion: 43 Resp:1347484
Ion Ratio Lower Upper
43 100
58 38.0 24.7 37.1

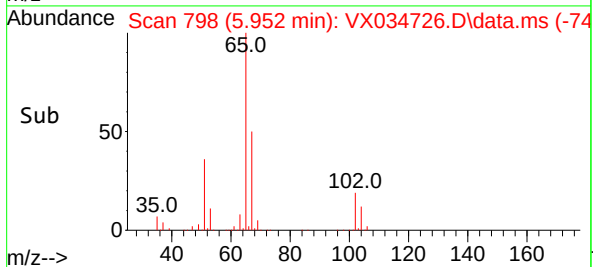
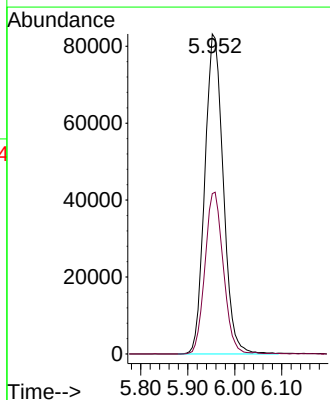
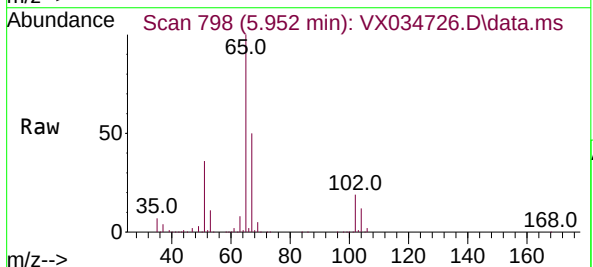
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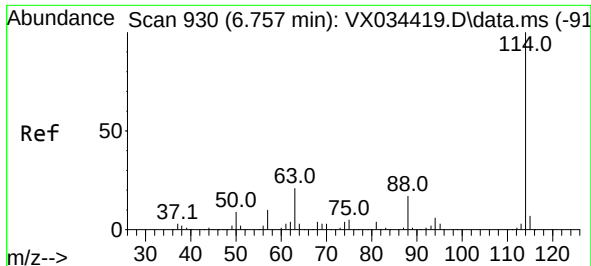
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#33
1,2-Dichloroethane-d4
Concen: 50.356 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034726.D
Acq: 24 Mar 2023 17:15

Tgt Ion: 65 Resp: 226390
Ion Ratio Lower Upper
65 100
67 50.3 0.0 104.0





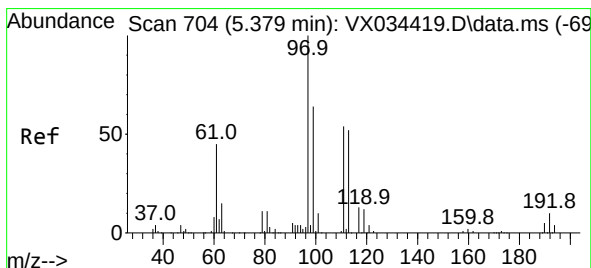
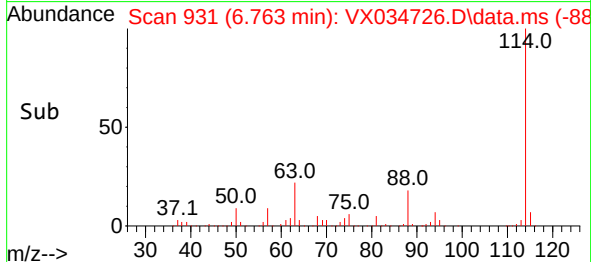
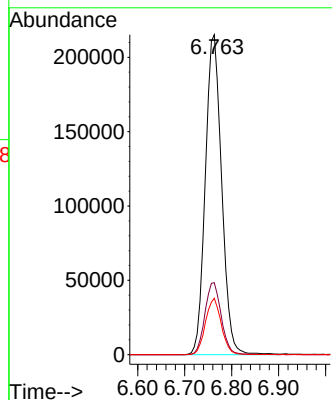
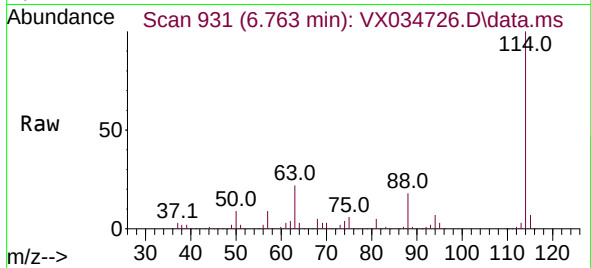
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX034726.D
Acq: 24 Mar 2023 17:15

Instrument :
MSVOA_X
ClientSampleId :
TRE-1660

Tgt Ion:114 Resp: 51921
Ion Ratio Lower Upper
114 100
63 22.5 0.0 42.2
88 17.7 0.0 33.2

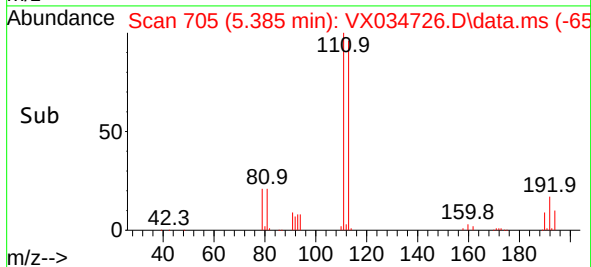
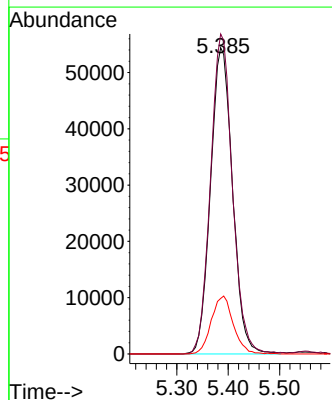
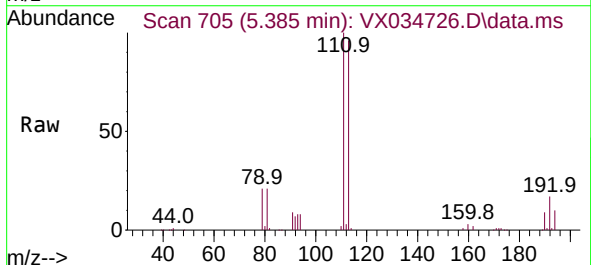
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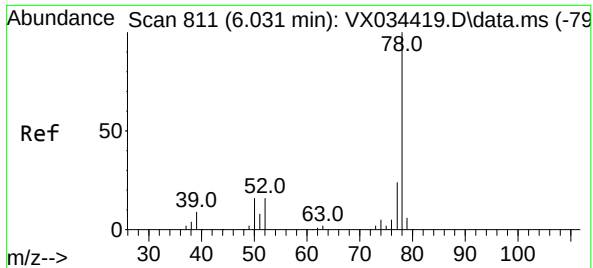
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#35
Dibromofluoromethane
Concen: 47.185 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034726.D
Acq: 24 Mar 2023 17:15

Tgt Ion:113 Resp: 161756
Ion Ratio Lower Upper
113 100
111 104.0 83.7 125.5
192 18.8 15.4 23.2





#40

Benzene

Concen: 0.246 ug/l

RT: 6.044 min Scan# 811

Delta R.T. 0.012 min

Lab File: VX034726.D

Acq: 24 Mar 2023 17:15

Instrument :

MSVOA_X

ClientSampleId :

TRE-1660

Tgt Ion: 78 Resp: 378

Ion Ratio Lower Upper

78 100

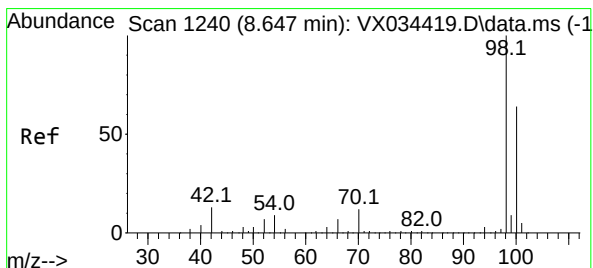
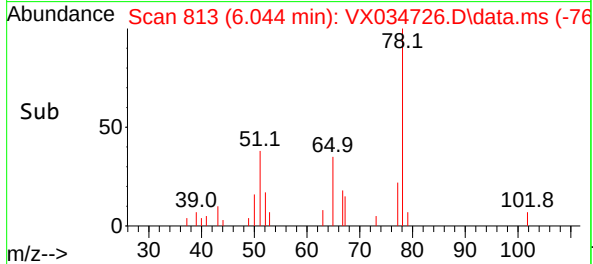
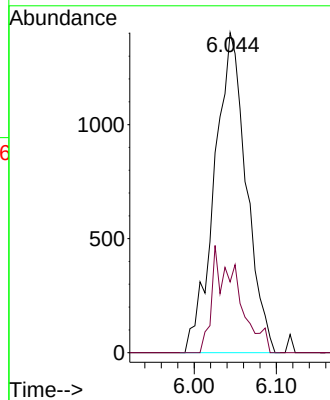
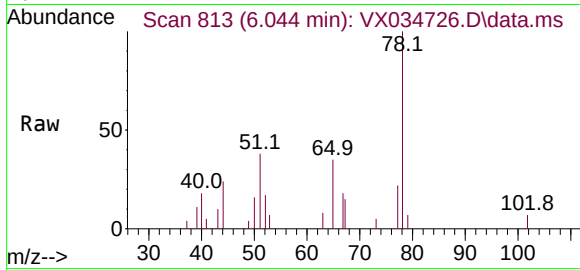
77 22.1 19.0 28.4

Manual Integrations

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Supervised By :Semsettin Yesilyurt 03/27/2023



#50

Toluene-d8

Concen: 48.324 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034726.D

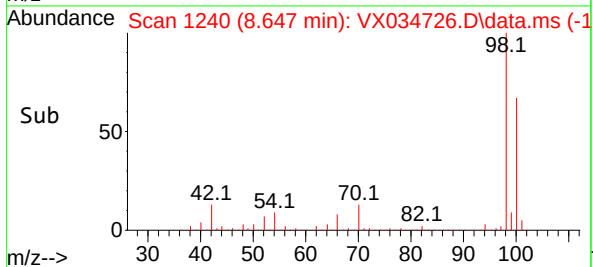
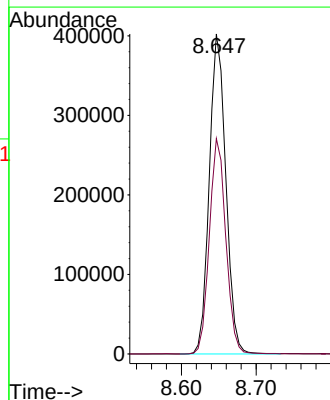
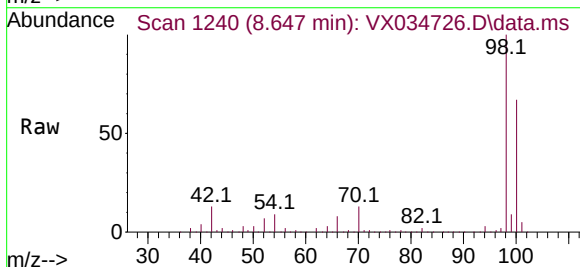
Acq: 24 Mar 2023 17:15

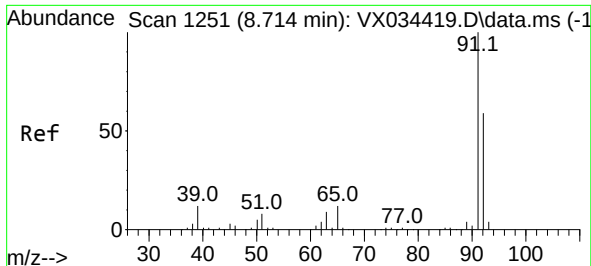
Tgt Ion: 98 Resp: 618416

Ion Ratio Lower Upper

98 100

100 67.0 52.5 78.7





#52

Toluene

Concen: 117.392 ug/l

RT: 8.720 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX034726.D

Acq: 24 Mar 2023 17:15

Instrument :

MSVOA_X

ClientSampleId :

TRE-1660

Tgt Ion: 92 Resp: 1119470

Ion Ratio Lower Upper

92 100

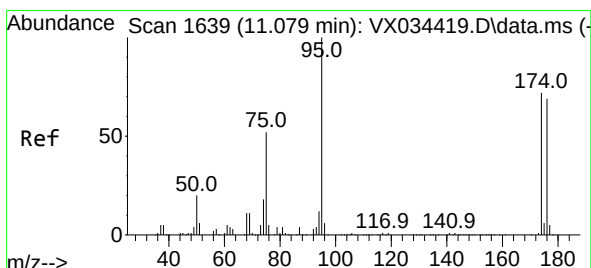
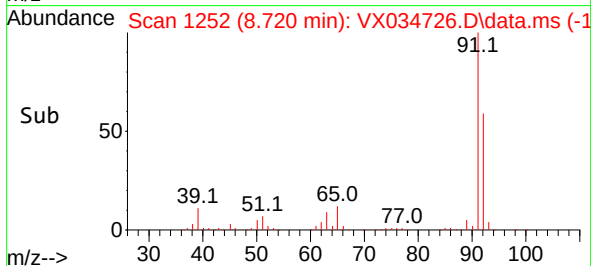
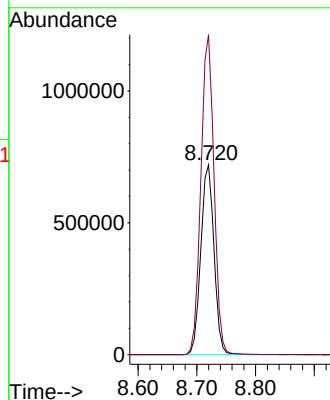
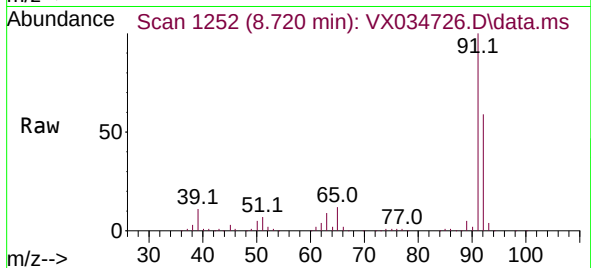
91 168.1 136.8 205.2

Manual Integrations

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Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#62

4-Bromofluorobenzene

Concen: 46.796 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX034726.D

Acq: 24 Mar 2023 17:15

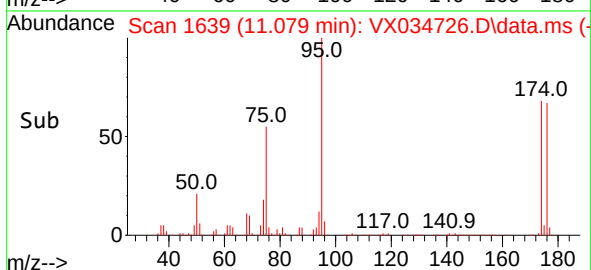
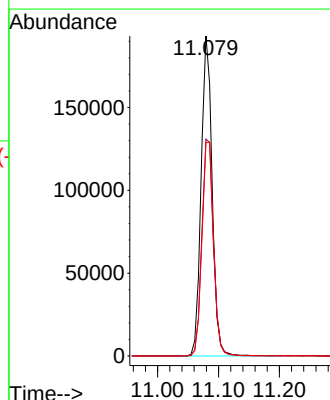
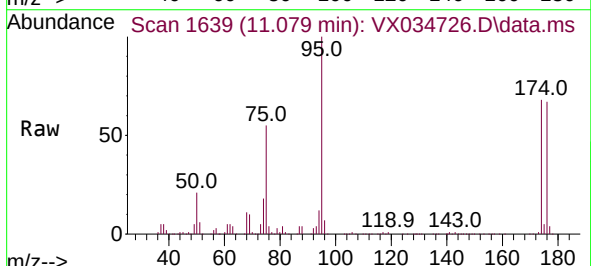
Tgt Ion: 95 Resp: 241894

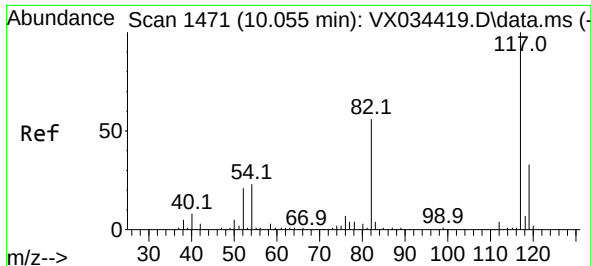
Ion Ratio Lower Upper

95 100

174 71.2 0.0 147.4

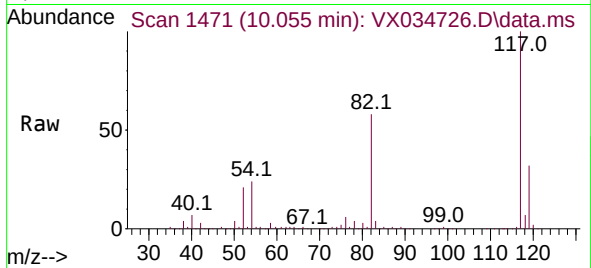
176 70.5 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034726.D
Acq: 24 Mar 2023 17:15

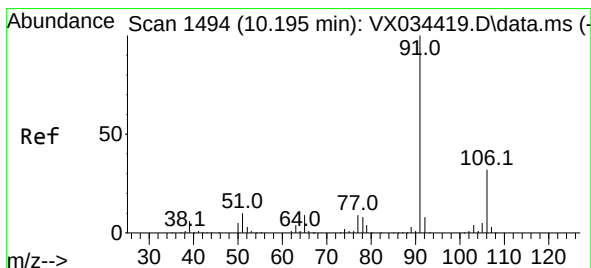
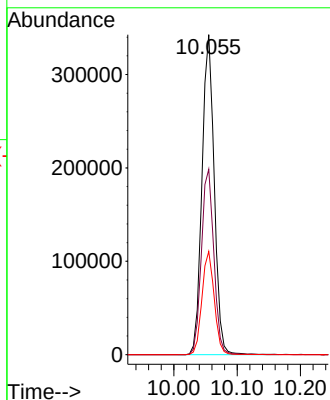
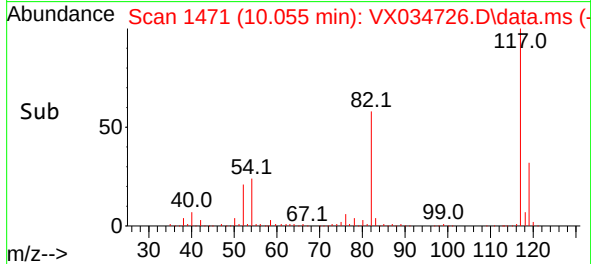
Instrument :
MSVOA_X
ClientSampleId :
TRE-1660



Tgt Ion:117 Resp: 46262
Ion Ratio Lower Upper
117 100
82 58.0 45.0 67.4
119 32.3 26.0 39.0

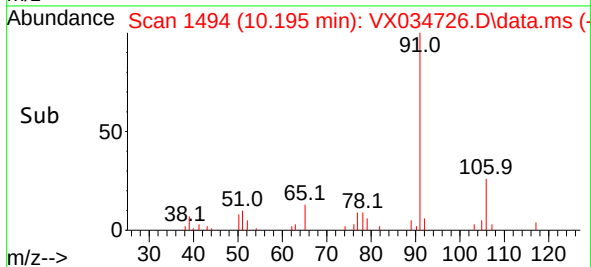
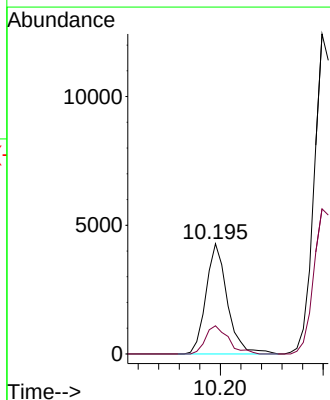
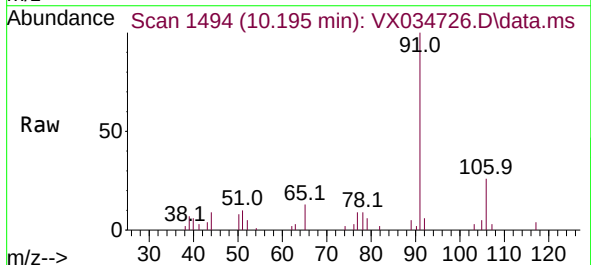
Manual Integrations
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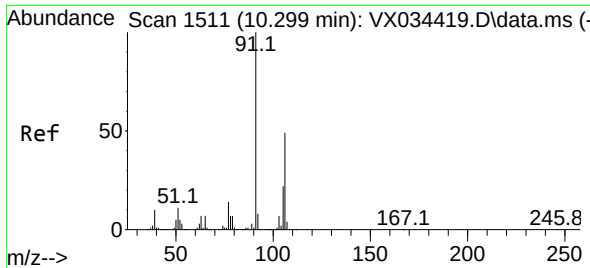
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#67
Ethyl Benzene
Concen: 0.340 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034726.D
Acq: 24 Mar 2023 17:15

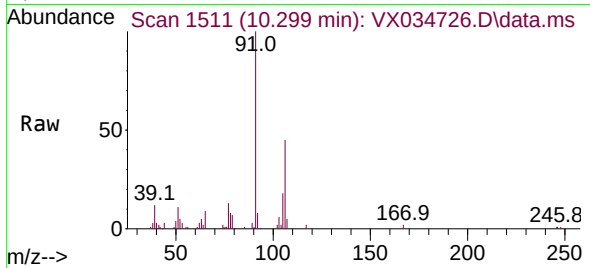
Tgt Ion: 91 Resp: 6180
Ion Ratio Lower Upper
91 100
106 25.6 25.6 38.4





#68
m/p-Xylenes
Concen: 1.207 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034726.D
Acq: 24 Mar 2023 17:15

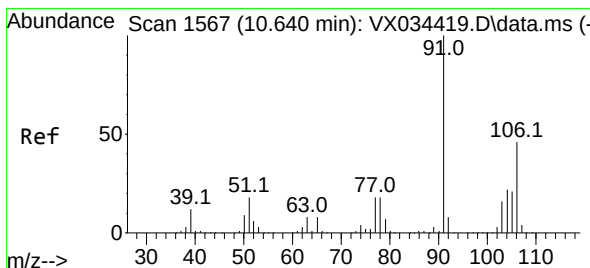
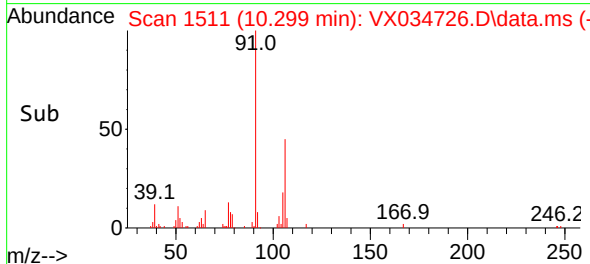
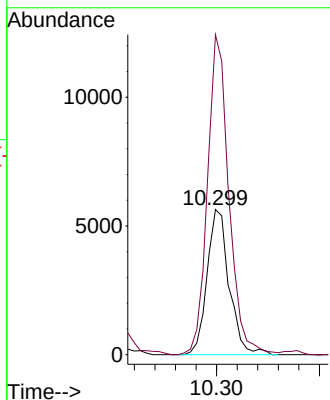
Instrument :
MSVOA_X
ClientSampleId :
TRE-1660



Tgt Ion:106 Resp: 8428
Ion Ratio Lower Upper
106 100
91 213.8 164.0 246.0

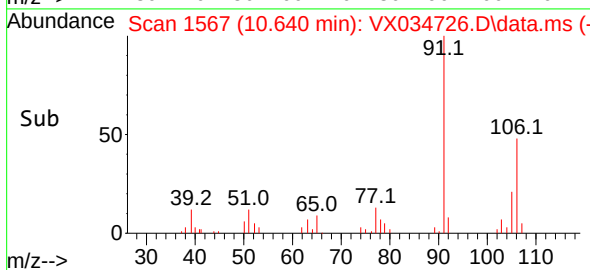
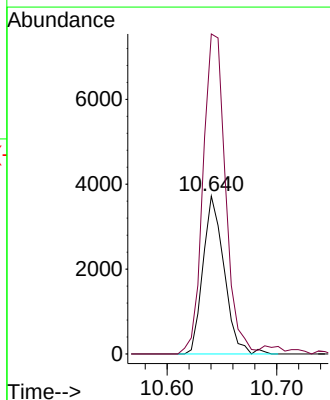
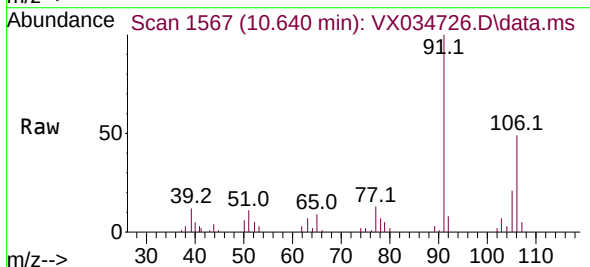
Manual Integrations
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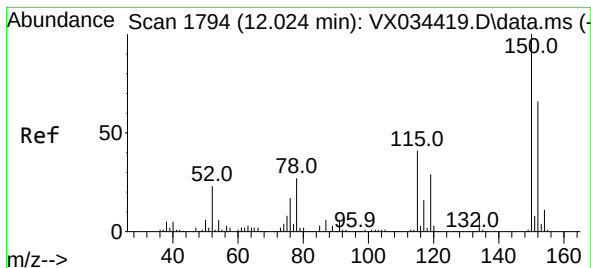
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#69
o-Xylene
Concen: 0.710 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034726.D
Acq: 24 Mar 2023 17:15

Tgt Ion:106 Resp: 4972
Ion Ratio Lower Upper
106 100
91 215.5 108.5 325.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034726.D

Acq: 24 Mar 2023 17:15

Instrument :

MSVOA_X

ClientSampleId :

TRE-1660

Tgt Ion:152 Resp: 218508

Ion Ratio Lower Upper

152 100

115 62.4 45.0 135.0

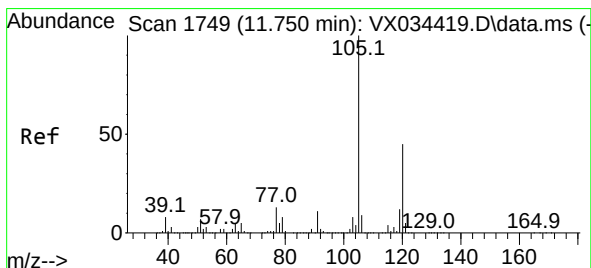
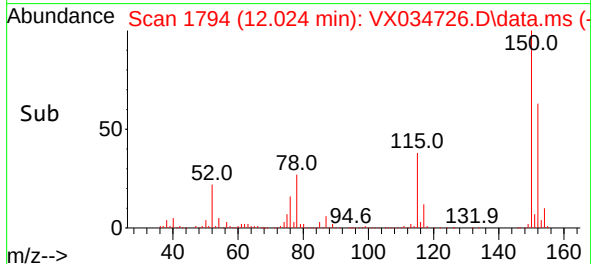
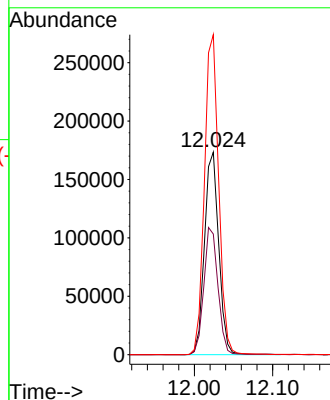
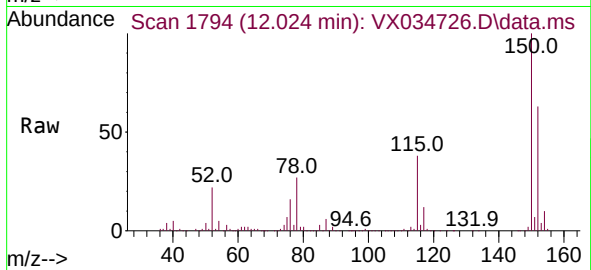
150 157.8 0.0 352.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#84

1,2,4-Trimethylbenzene

Concen: 0.833 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX034726.D

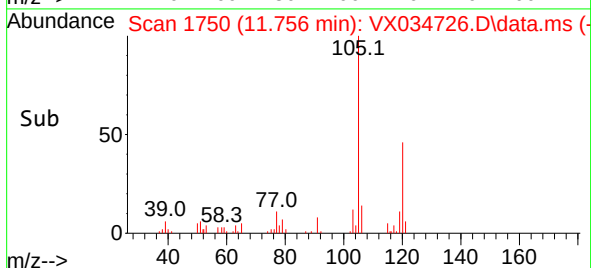
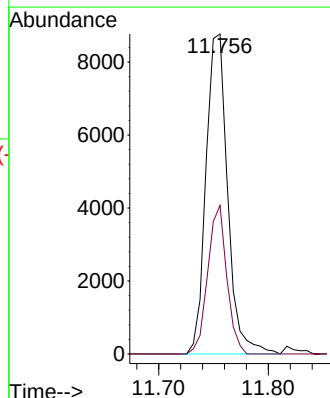
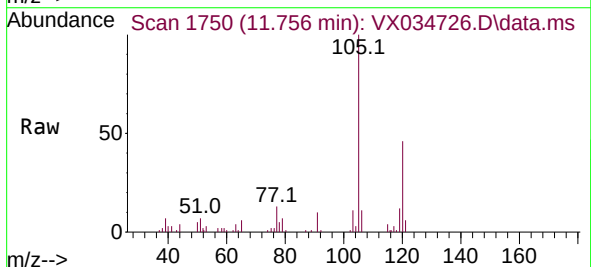
Acq: 24 Mar 2023 17:15

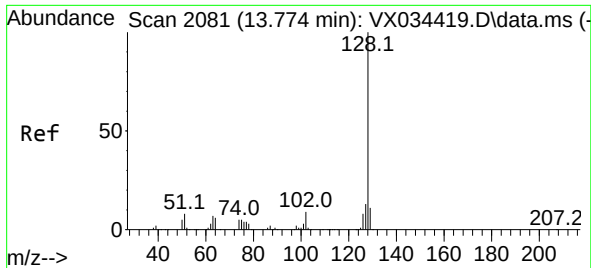
Tgt Ion:105 Resp: 12054

Ion Ratio Lower Upper

105 100

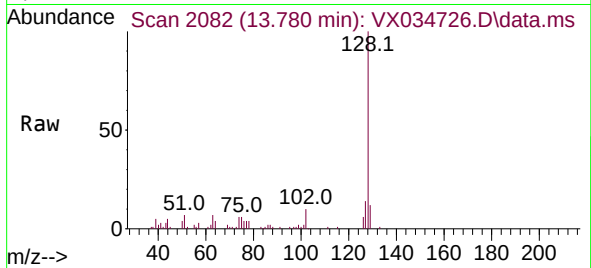
120 40.7 22.4 67.0





#95
Naphthalene
Concen: 0.909 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX034726.D
Acq: 24 Mar 2023 17:15

Instrument :
MSVOA_X
ClientSampleId :
TRE-1660



Tgt Ion:128 Resp: 14619
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 12.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

