

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040824\
 Data File : VX040934.D
 Acq On : 08 Apr 2024 16:54
 Operator : JC/MD
 Sample : P2026-04 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 50313

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/09/2024
 Supervised By : Semsettin Yesilyurt 04/09/2024

Quant Time: Apr 09 02:50:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 02 05:40:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	37350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	67513	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	67643	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	36110	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	33690	50.271	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.540%			
35) Dibromofluoromethane	5.385	113	23345	48.819	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.640%			
50) Toluene-d8	8.647	98	85277	49.352	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.700%			
62) 4-Bromofluorobenzene	11.079	95	36478	52.863	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.720%			
Target Compounds					Qvalue	
16) Acetone	2.380	43	3181	12.224	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	5058	3.439	ug/l	96
31) Cyclohexane	5.477	56	622m	0.875	ug/l	
37) Ethyl Acetate	4.715	43	60670	72.716	ug/l	98
40) Benzene	6.038	78	97773	51.846	ug/l	99
52) Toluene	8.720	92	81001	68.072	ug/l	96
67) Ethyl Benzene	10.195	91	9919	3.760	ug/l	94
68) m/p-Xylenes	10.299	106	13150	13.699	ug/l	92
69) o-Xylene	10.640	106	5981	6.614	ug/l	81
73) Isopropylbenzene	10.964	105	933	0.370	ug/l	89
78) n-propylbenzene	11.305	91	2193	0.696	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	3463	1.608	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	12817	5.907	ug/l	98
95) Naphthalene	13.774	128	10103	3.862	ug/l	99

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

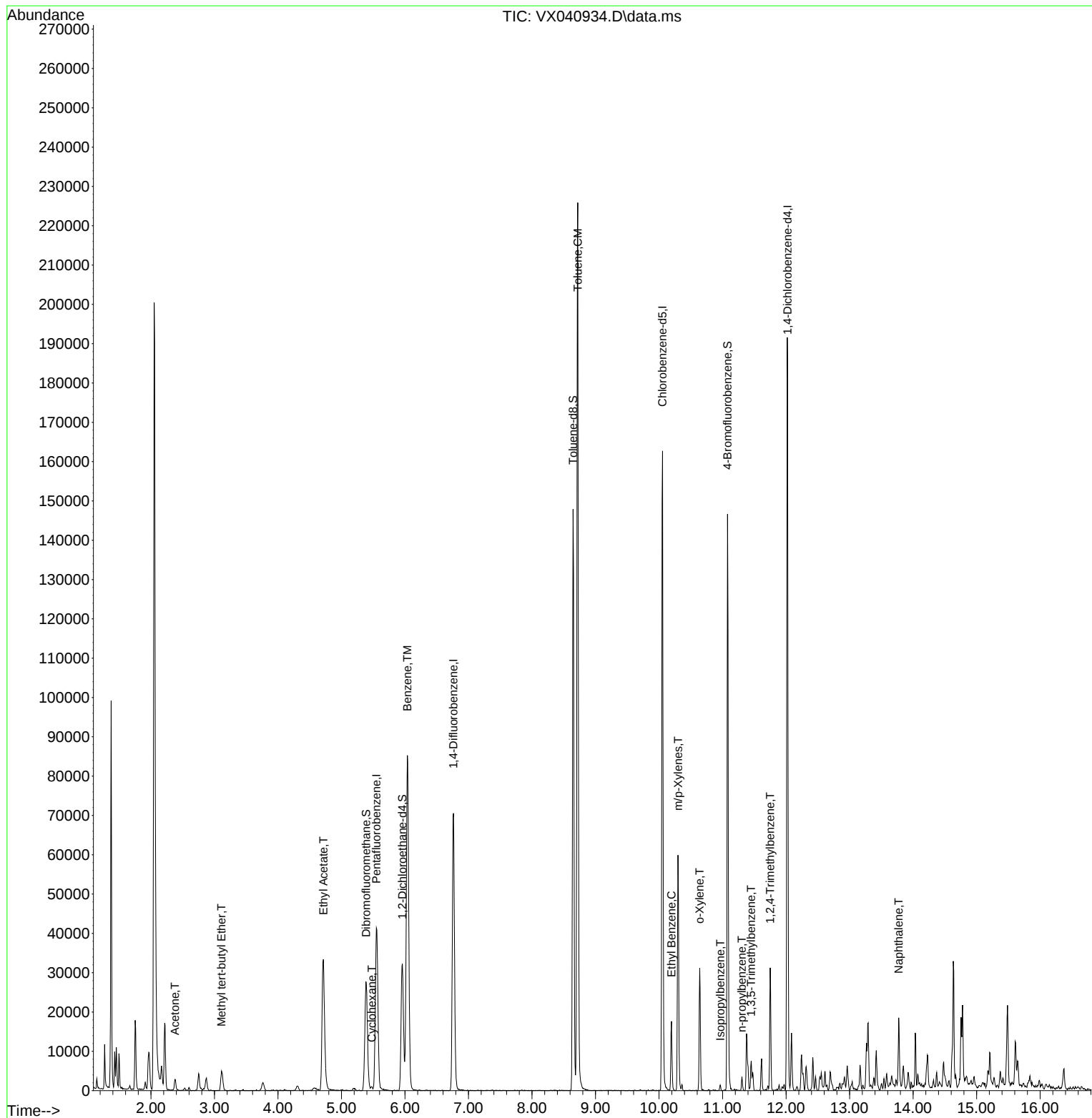
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040824\
Data File : VX040934.D
Acq On : 08 Apr 2024 16:54
Operator : JC/MD
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ALS Vial : 21 Sample Multiplier: 1

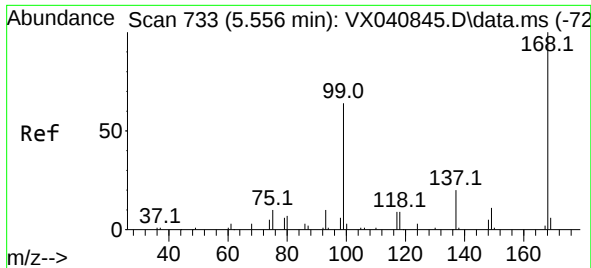
Instrument :
MSVOA_X
ClientSampleId :
50313

Quant Time: Apr 09 02:50:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 02 05:40:55 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

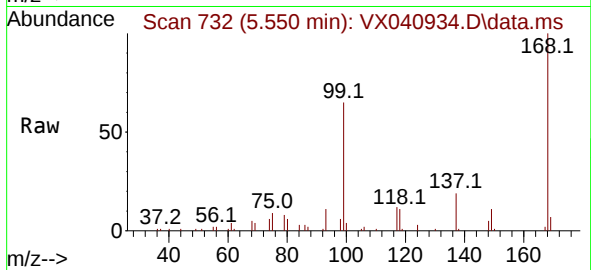
Reviewed By :John Carlone 04/09/2024
Supervised By :Semsettin Yesilyurt 04/09/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.006 min
Lab File: VX040934.D
Acq: 08 Apr 2024 16:54

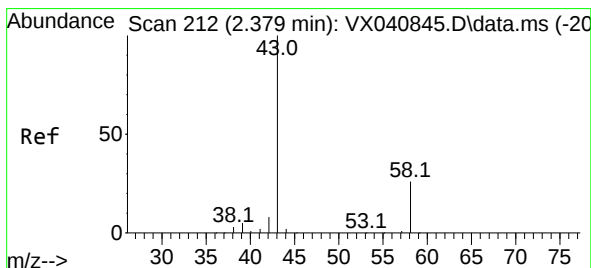
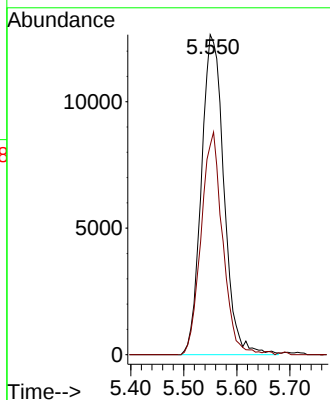
Instrument :
MSVOA_X
ClientSampleId :
50313



Tgt Ion:168 Resp: 37350
Ion Ratio Lower Upper
168 100
99 65.4 56.6 85.0

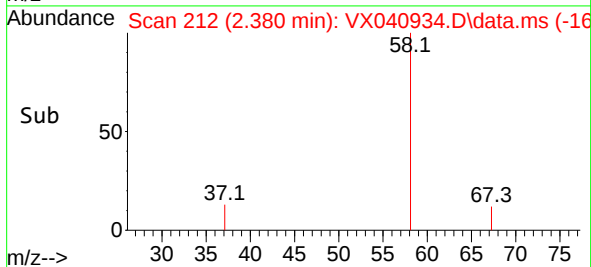
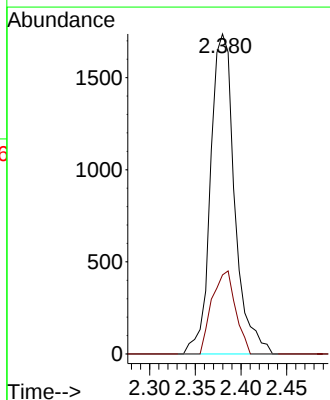
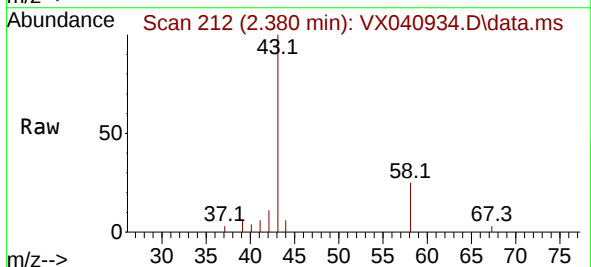
Manual Integrations
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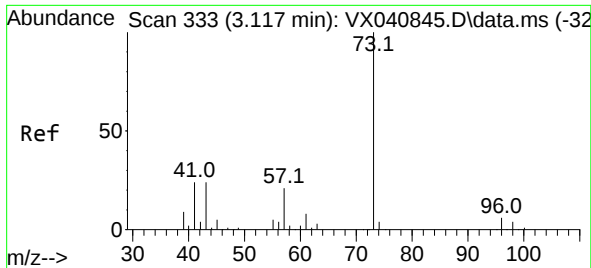
Reviewed By :John Carlone 04/09/2024
Supervised By :Semsettin Yesilyurt 04/09/2024



#16
Acetone
Concen: 12.224 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040934.D
Acq: 08 Apr 2024 16:54

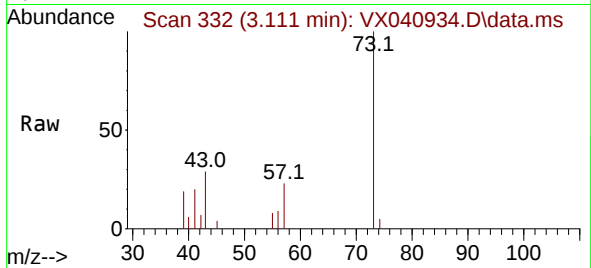
Tgt Ion: 43 Resp: 3181
Ion Ratio Lower Upper
43 100
58 24.7 21.9 32.9





#19
Methyl tert-butyl Ether
Concen: 3.439 ug/l
RT: 3.111 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040934.D
Acq: 08 Apr 2024 16:54

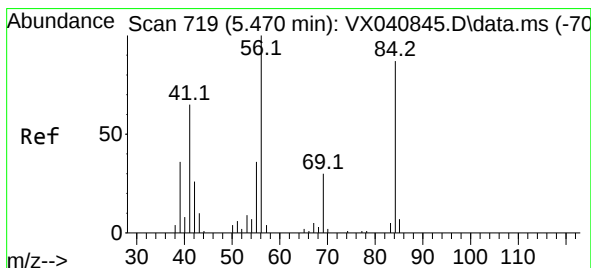
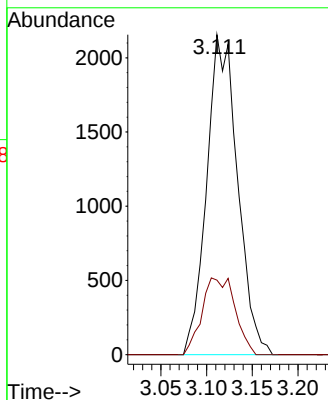
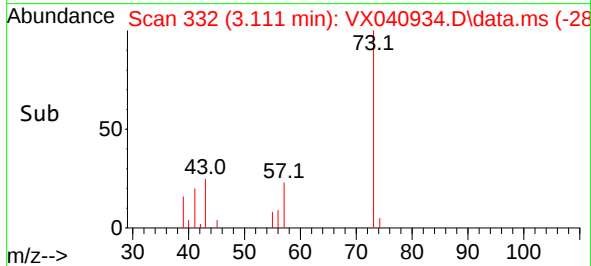
Instrument :
MSVOA_X
ClientSampleId :
50313



Tgt Ion: 73 Resp: 5058
Ion Ratio Lower Upper
73 100
57 23.3 17.3 25.9

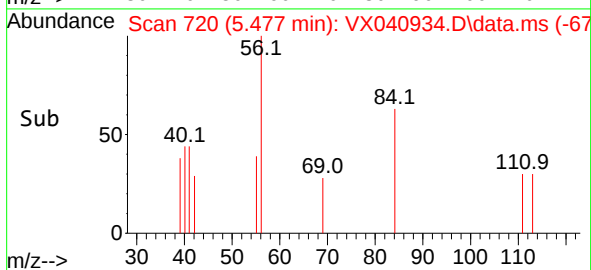
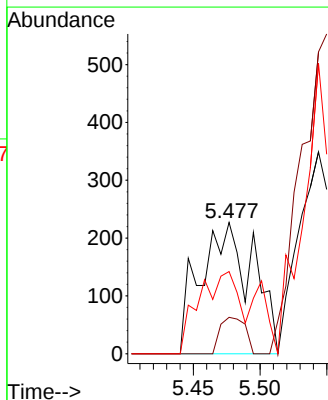
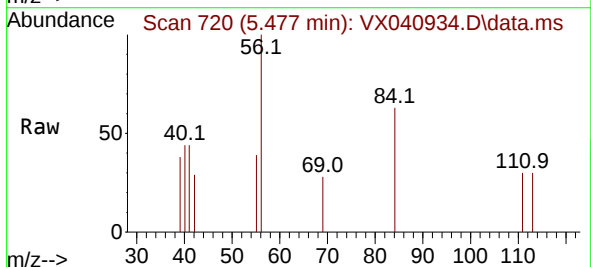
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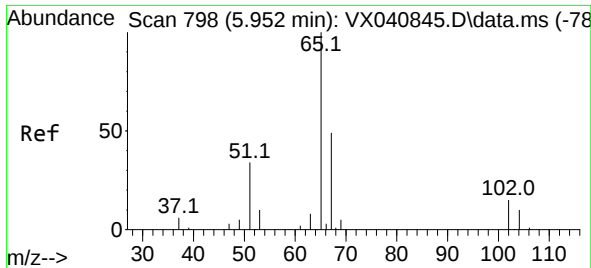
Reviewed By :John Carlone 04/09/2024
Supervised By :Semsettin Yesilyurt 04/09/2024



#31
Cyclohexane
Concen: 0.875 ug/l m
RT: 5.477 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX040934.D
Acq: 08 Apr 2024 16:54

Tgt Ion: 56 Resp: 622
Ion Ratio Lower Upper
56 100
69 27.8 23.4 35.2
84 62.6 65.9 98.9#





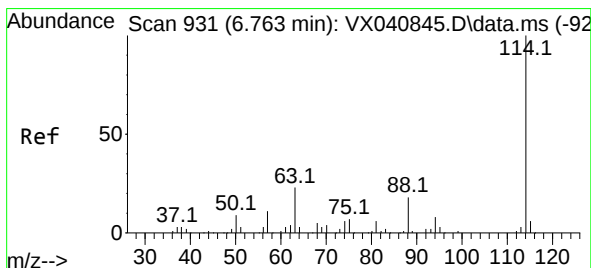
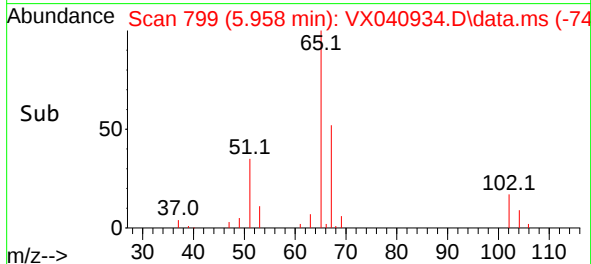
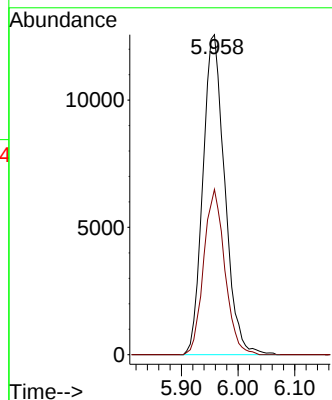
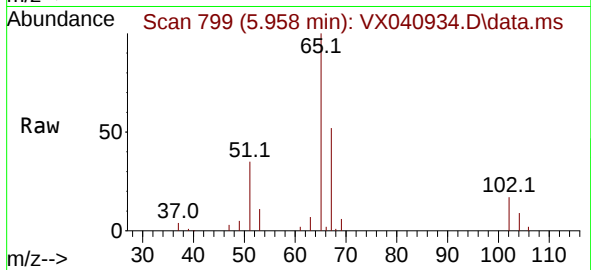
#33
1,2-Dichloroethane-d4
Concen: 50.271 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX040934.D
Acq: 08 Apr 2024 16:54

Instrument :
MSVOA_X
ClientSampleId :
50313

Tgt Ion: 65 Resp: 33690
Ion Ratio Lower Upper
65 100
67 49.9 0.0 100.2

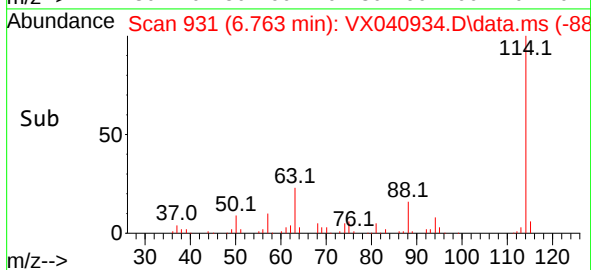
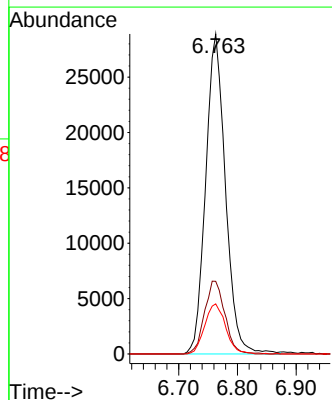
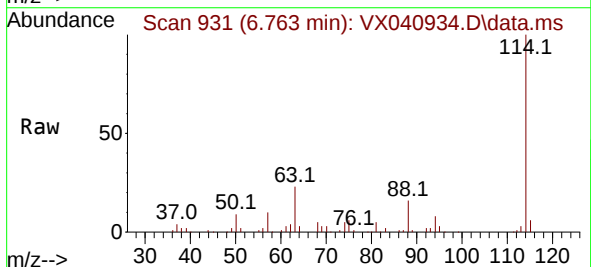
Manual Integrations
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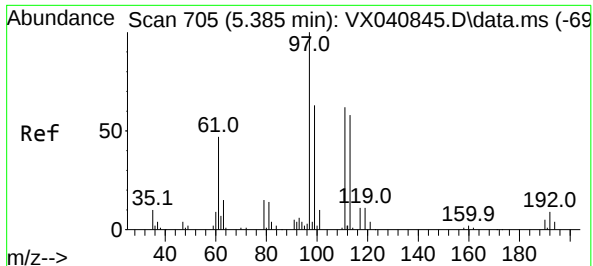
Reviewed By :John Carlone 04/09/2024
Supervised By :Semsettin Yesilyurt 04/09/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX040934.D
Acq: 08 Apr 2024 16:54

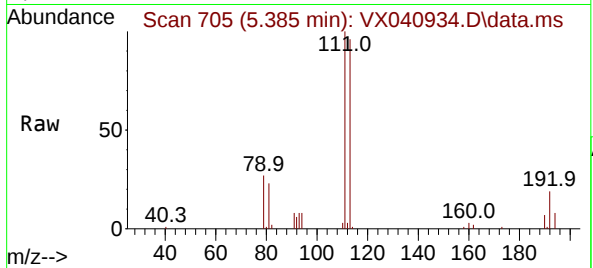
Tgt Ion:114 Resp: 67513
Ion Ratio Lower Upper
114 100
63 22.7 0.0 45.0
88 15.6 0.0 36.6





#35
Dibromofluoromethane
Concen: 48.819 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040934.D
Acq: 08 Apr 2024 16:54

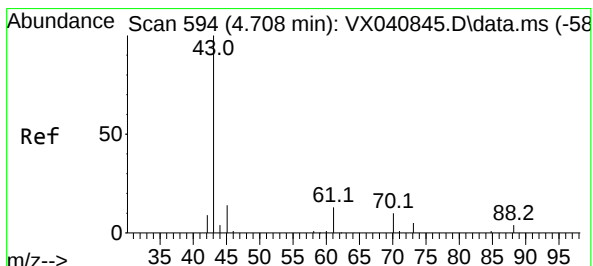
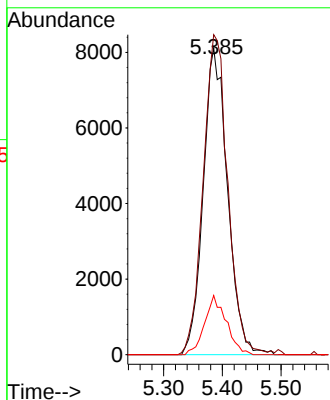
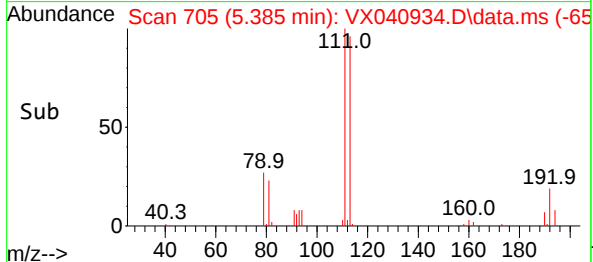
Instrument :
MSVOA_X
ClientSampleId :
50313



Tgt Ion: 113 Resp: 2334
Ion Ratio Lower Upper
113 100
111 105.5 82.9 124.3
192 17.2 13.3 19.9

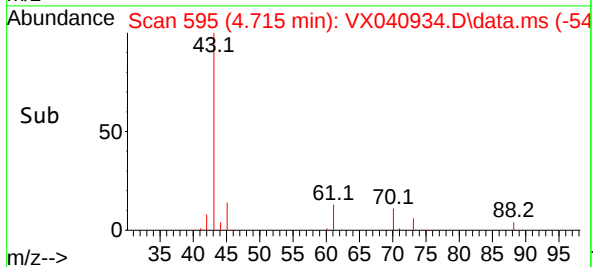
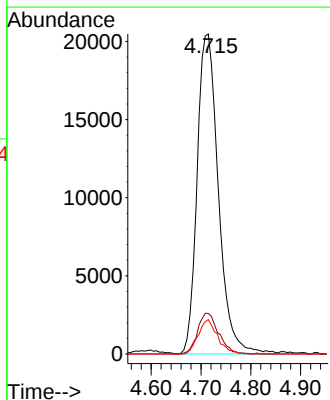
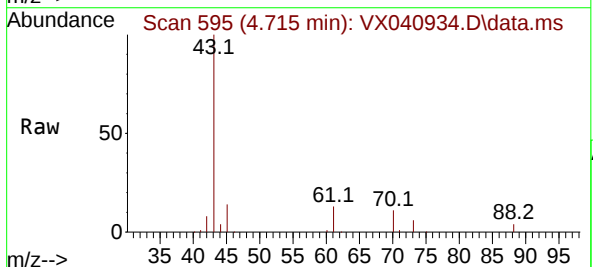
Manual Integrations
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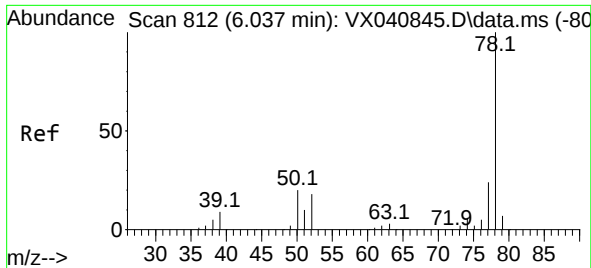
Reviewed By :John Carlone 04/09/2024
Supervised By :Semsettin Yesilyurt 04/09/2024



#37
Ethyl Acetate
Concen: 72.716 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.006 min
Lab File: VX040934.D
Acq: 08 Apr 2024 16:54

Tgt Ion: 43 Resp: 60670
Ion Ratio Lower Upper
43 100
61 12.5 10.6 16.0
70 9.7 8.3 12.5





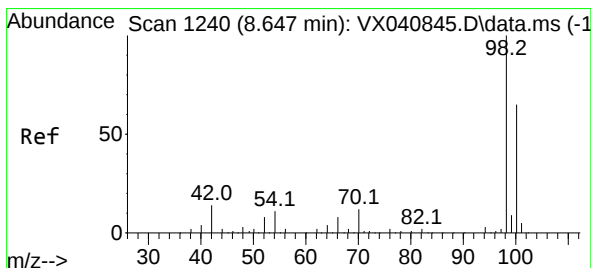
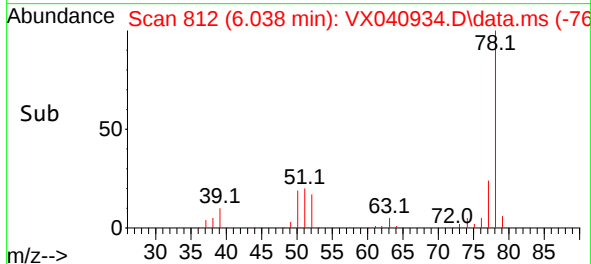
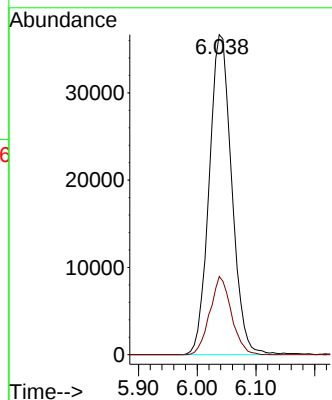
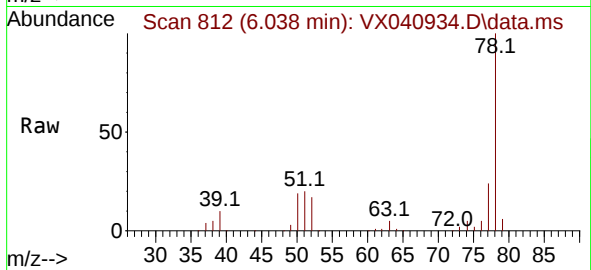
#40
Benzene
Concen: 51.846 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040934.D
Acq: 08 Apr 2024 16:54

Instrument :
MSVOA_X
ClientSampleId :
50313

Tgt Ion: 78 Resp: 9777
Ion Ratio Lower Upper
78 100
77 24.4 19.3 28.9

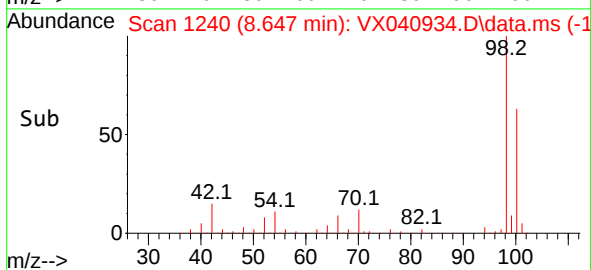
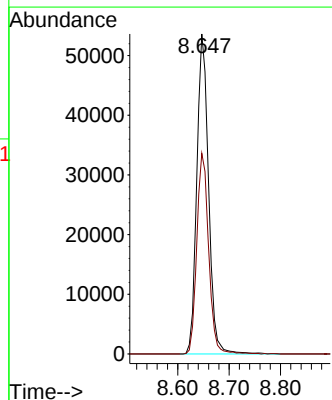
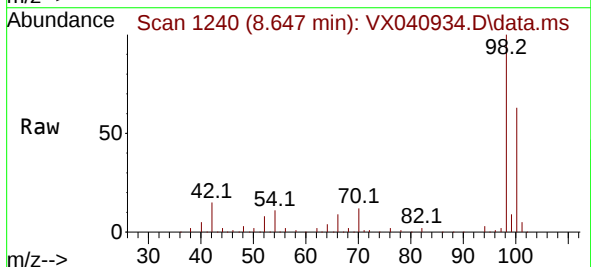
Manual Integrations
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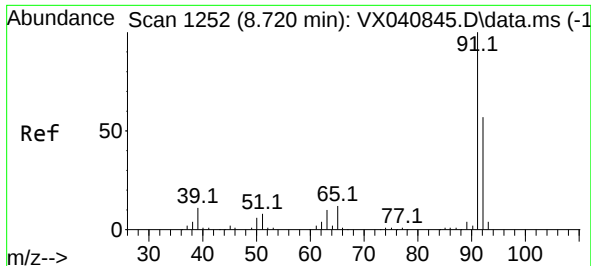
Reviewed By :John Carlone 04/09/2024
Supervised By :Semsettin Yesilyurt 04/09/2024



#50
Toluene-d8
Concen: 49.352 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040934.D
Acq: 08 Apr 2024 16:54

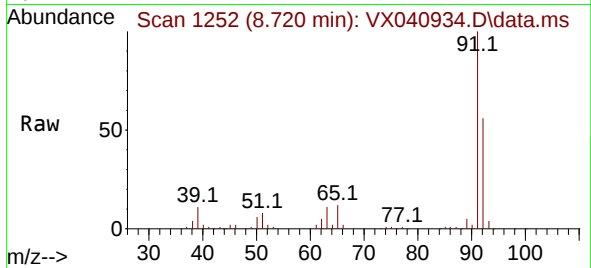
Tgt Ion: 98 Resp: 85277
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7





#52
Toluene
Concen: 68.072 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040934.D
Acq: 08 Apr 2024 16:54

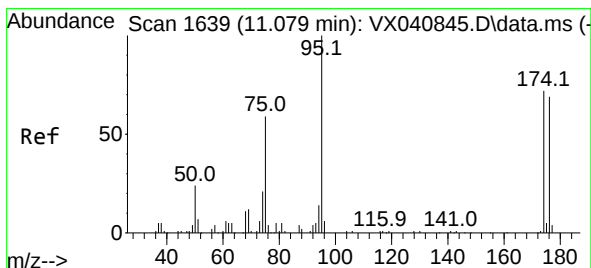
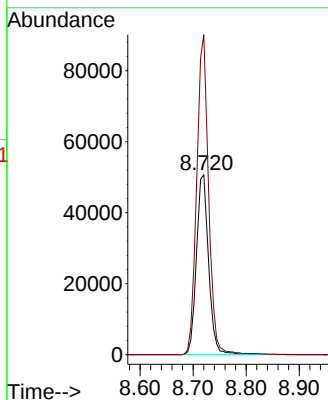
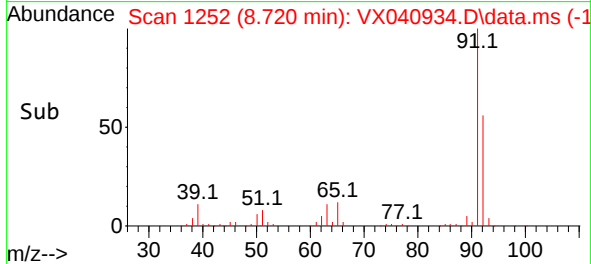
Instrument :
MSVOA_X
ClientSampleId :
50313



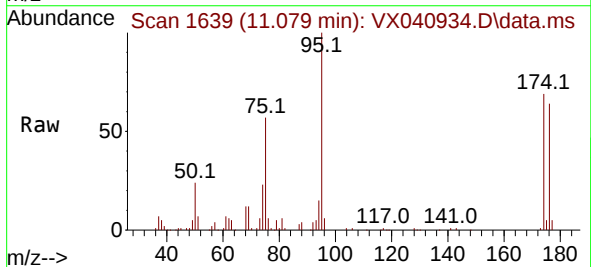
Tgt Ion: 92 Resp: 8100
Ion Ratio Lower Upper
92 100
91 173.8 134.2 201.2

Manual Integrations
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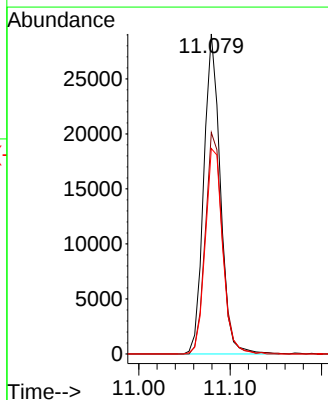
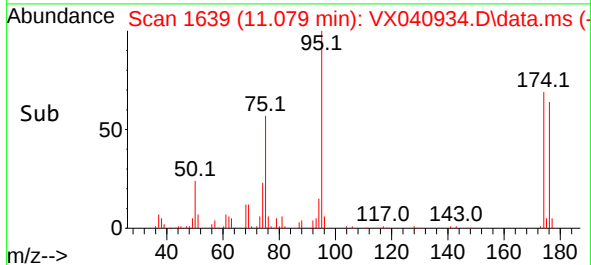
Reviewed By :John Carlone 04/09/2024
Supervised By :Semsettin Yesilyurt 04/09/2024

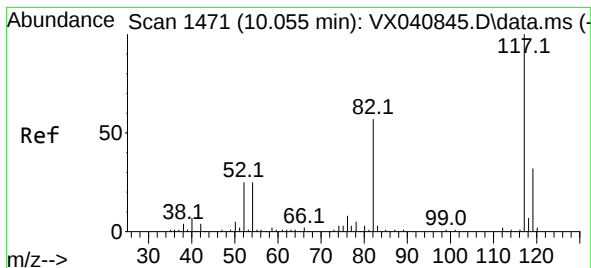


#62
4-Bromofluorobenzene
Concen: 52.863 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040934.D
Acq: 08 Apr 2024 16:54



Tgt Ion: 95 Resp: 36478
Ion Ratio Lower Upper
95 100
174 71.8 0.0 135.6
176 67.7 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX040934.D

Acq: 08 Apr 2024 16:54

Instrument :

MSVOA_X

ClientSampleId :

50313

Tgt Ion: 117 Resp: 6764

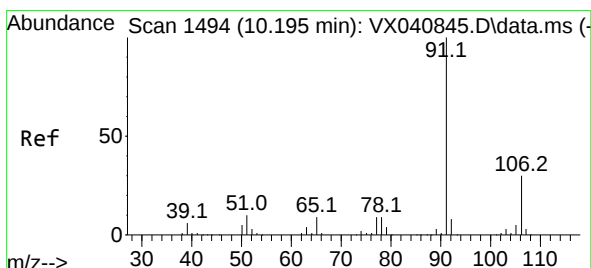
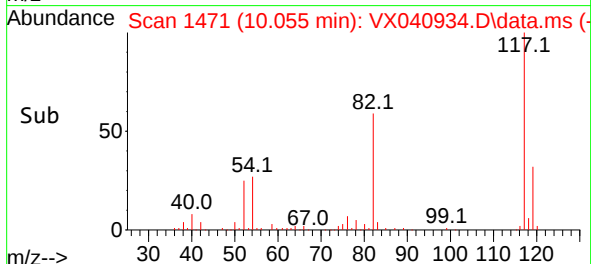
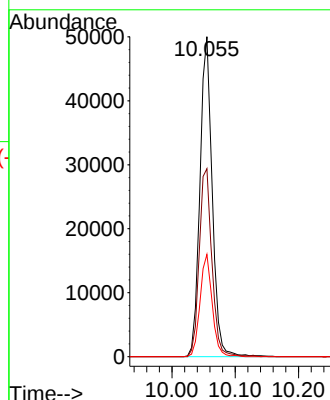
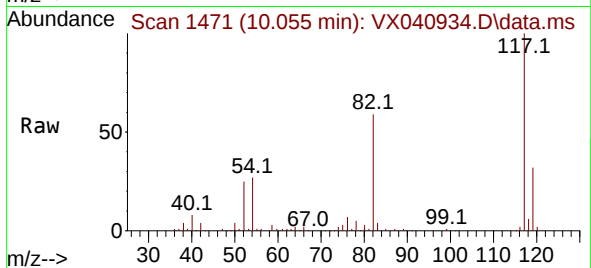
Ion	Ratio	Lower	Upper
117	100		
82	58.8	46.2	69.4
119	32.0	25.5	38.3

Manual Integrations

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Reviewed By :John Carlone 04/09/2024

Supervised By :Semsettin Yesilyurt 04/09/2024



#67

Ethyl Benzene

Concen: 3.760 ug/l

RT: 10.195 min Scan# 1494

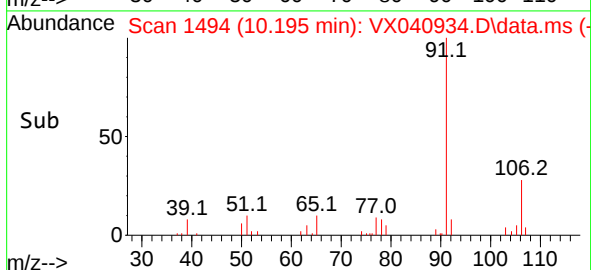
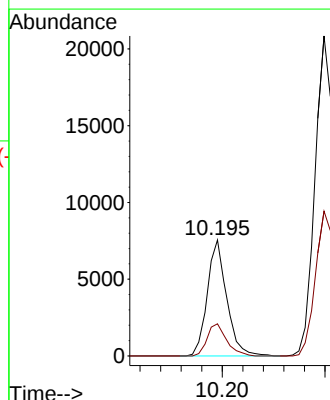
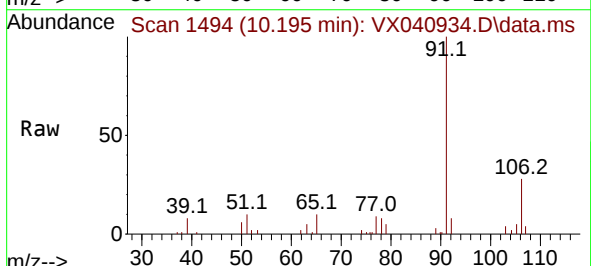
Delta R.T. 0.000 min

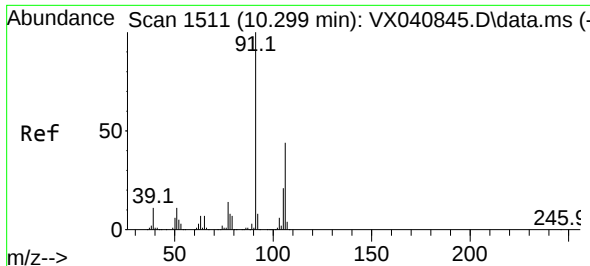
Lab File: VX040934.D

Acq: 08 Apr 2024 16:54

Tgt Ion: 91 Resp: 9919

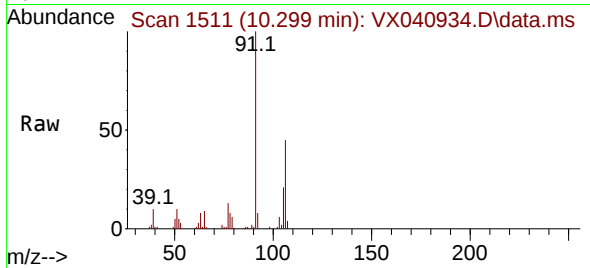
Ion	Ratio	Lower	Upper
91	100		
106	27.7	24.9	37.3





#68
m/p-Xylenes
Concen: 13.699 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040934.D
Acq: 08 Apr 2024 16:54

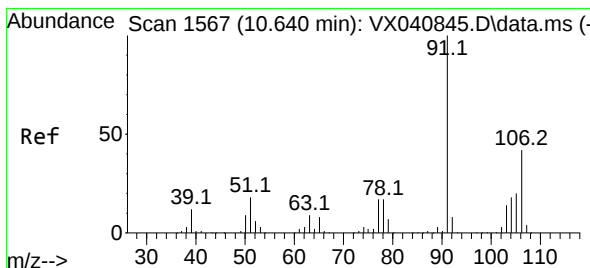
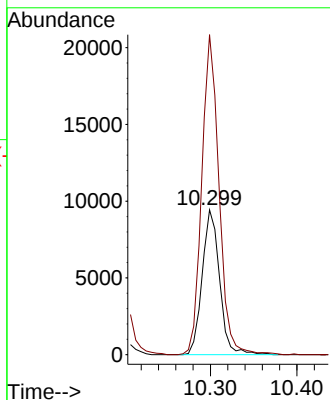
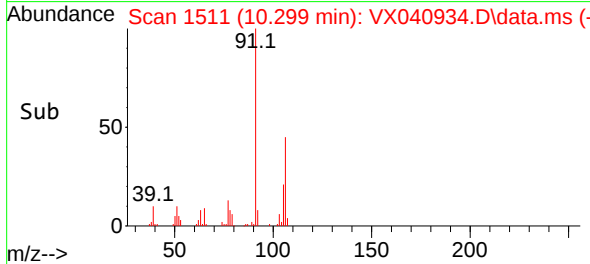
Instrument :
MSVOA_X
ClientSampleId :
50313



Tgt Ion:106 Resp: 13150
Ion Ratio Lower Upper
106 100
91 219.5 165.5 248.3

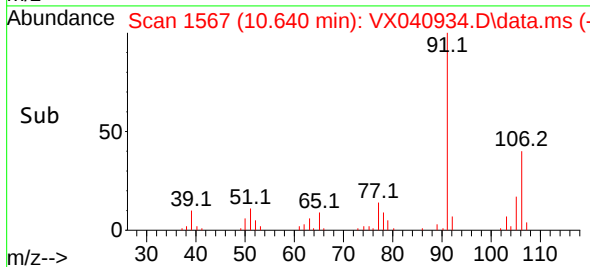
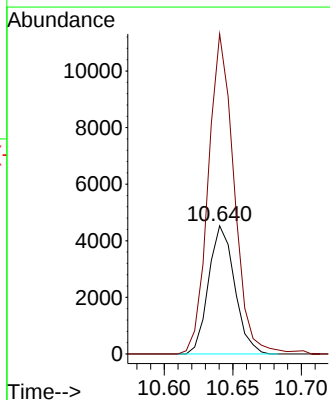
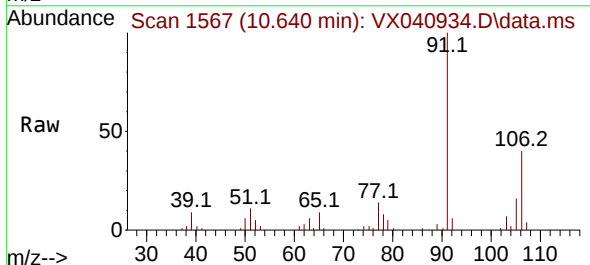
Manual Integrations
APPROVED

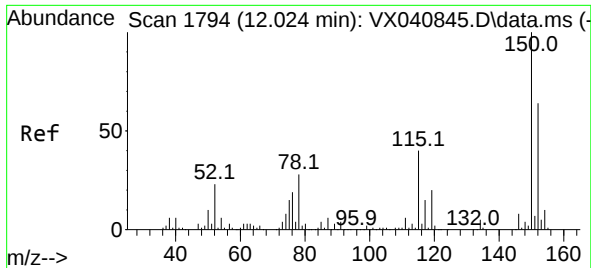
Reviewed By :John Carlone 04/09/2024
Supervised By :Semsettin Yesilyurt 04/09/2024



#69
o-Xylene
Concen: 6.614 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040934.D
Acq: 08 Apr 2024 16:54

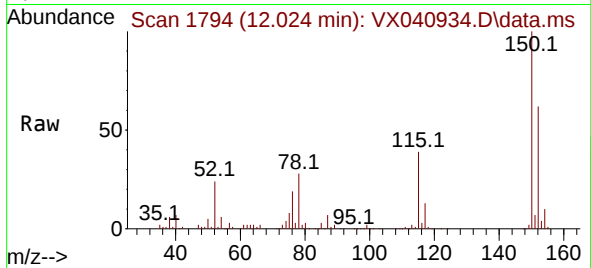
Tgt Ion:106 Resp: 5981
Ion Ratio Lower Upper
106 100
91 248.5 108.9 326.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX040934.D
Acq: 08 Apr 2024 16:54

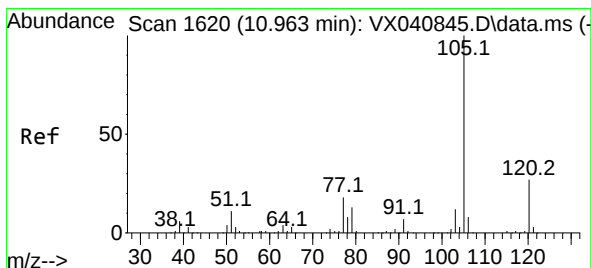
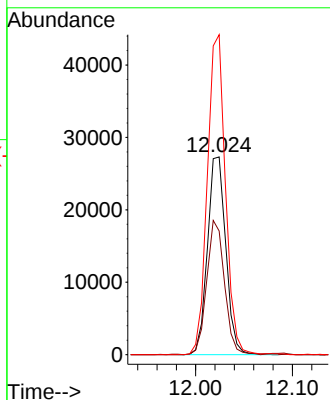
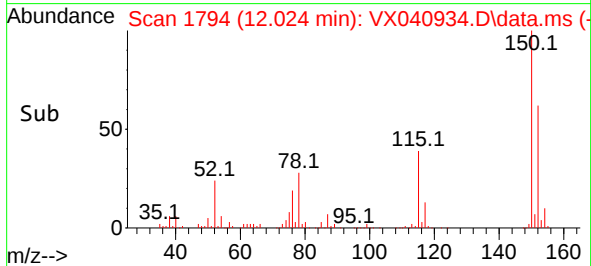
Instrument :
MSVOA_X
ClientSampleId :
50313



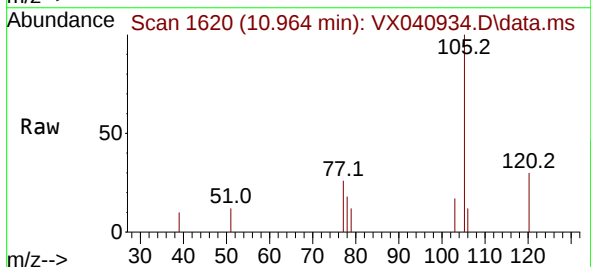
Tgt Ion:152 Resp: 36110
Ion Ratio Lower Upper
152 100
115 65.5 43.3 129.9
150 159.8 0.0 345.0

Manual Integrations
APPROVED

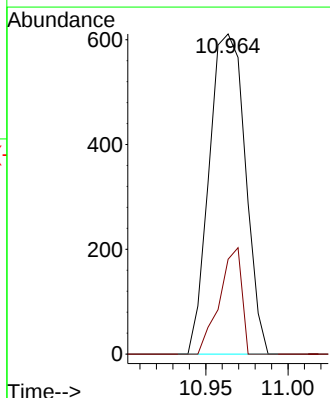
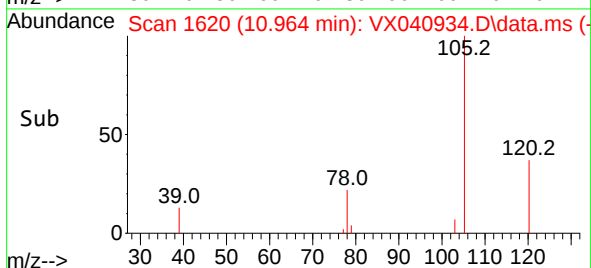
Reviewed By :John Carlone 04/09/2024
Supervised By :Semsettin Yesilyurt 04/09/2024

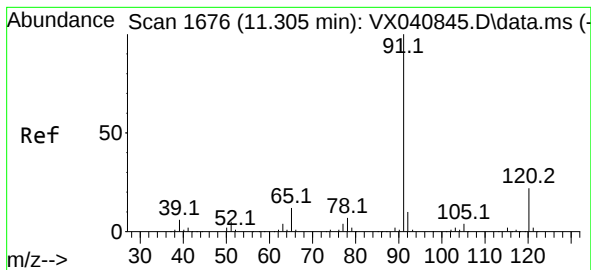


#73
Isopropylbenzene
Concen: 0.370 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX040934.D
Acq: 08 Apr 2024 16:54



Tgt Ion:105 Resp: 933
Ion Ratio Lower Upper
105 100
120 20.4 12.9 38.6





#78

n-propylbenzene

Concen: 0.696 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX040934.D

Acq: 08 Apr 2024 16:54

Instrument :

MSVOA_X

ClientSampleId :

50313

Tgt Ion: 91 Resp: 219

Ion Ratio Lower Upper

91 100

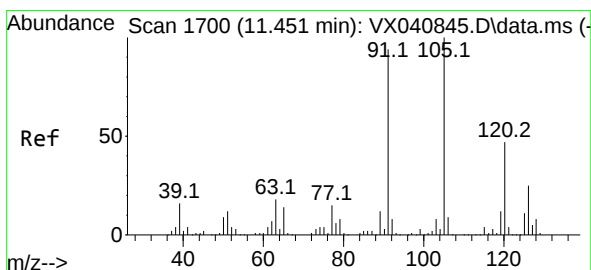
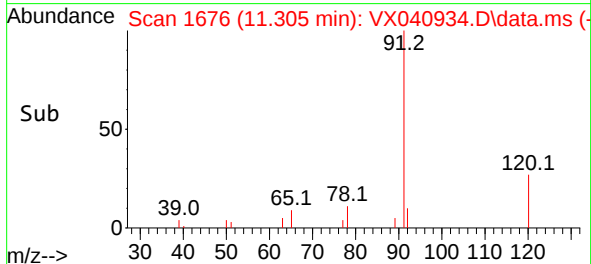
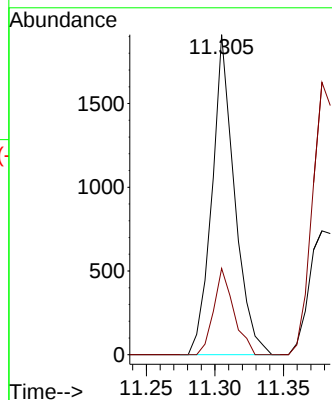
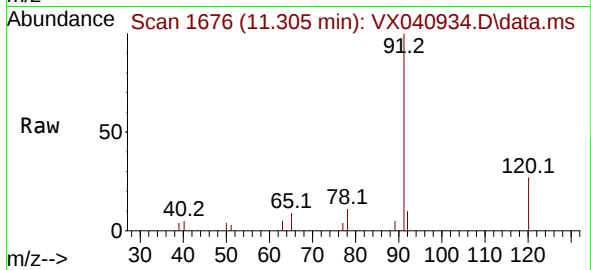
120 23.9 11.5 34.4

Manual Integrations

APPROVED

Reviewed By :John Carbone 04/09/2024

Supervised By :Semsettin Yesilyurt 04/09/2024



#80

1,3,5-Trimethylbenzene

Concen: 1.608 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX040934.D

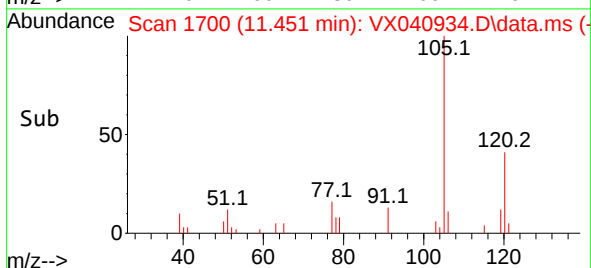
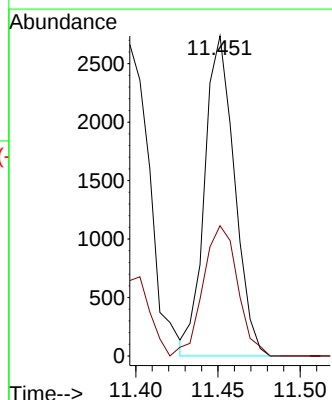
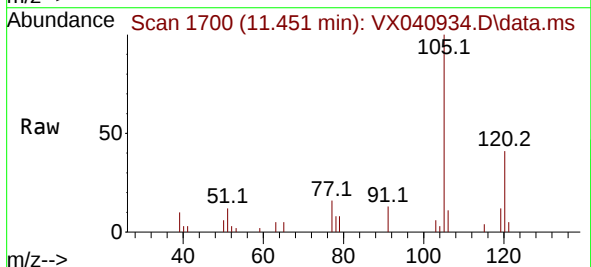
Acq: 08 Apr 2024 16:54

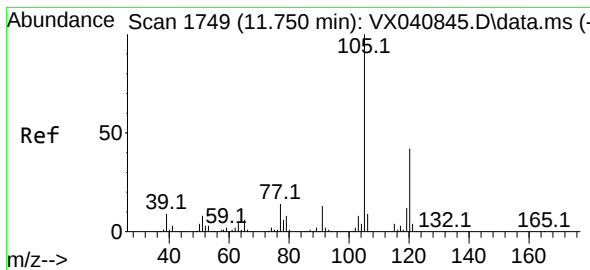
Tgt Ion:105 Resp: 3463

Ion Ratio Lower Upper

105 100

120 46.9 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 5.907 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX040934.D

Acq: 08 Apr 2024 16:54

Instrument :

MSVOA_X

ClientSampleId :

50313

Tgt Ion:105 Resp: 1281

Ion Ratio Lower Upper

105 100

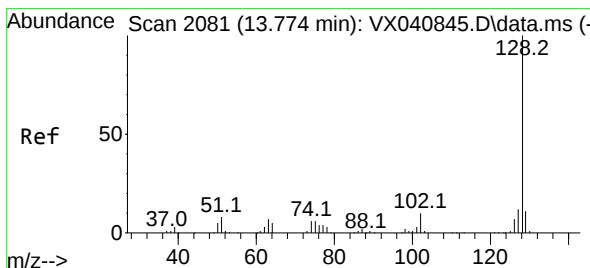
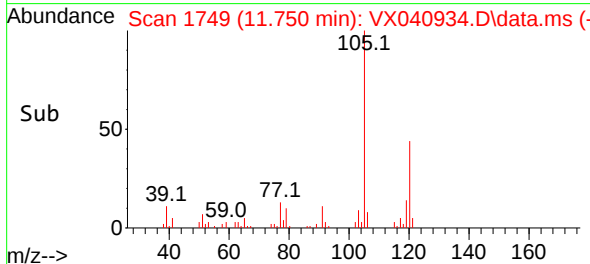
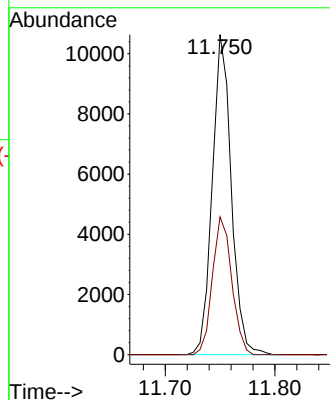
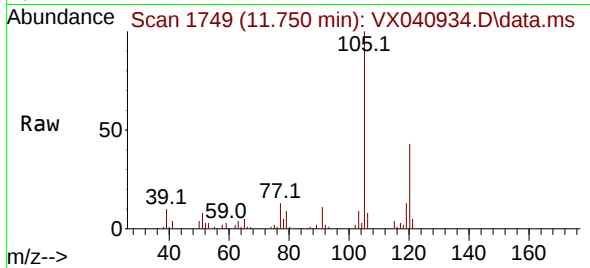
120 43.8 21.2 63.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/09/2024

Supervised By :Semsettin Yesilyurt 04/09/2024



#95

Naphthalene

Concen: 3.862 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX040934.D

Acq: 08 Apr 2024 16:54

Tgt Ion:128 Resp: 10103

Ion Ratio Lower Upper

128 100

127 12.3 10.3 15.5

129 10.7 8.8 13.2

