

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040824\
 Data File : VX040937.D
 Acq On : 08 Apr 2024 18:03
 Operator : JC/MD
 Sample : P2026-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 50312

Manual Integrations
 APPROVED

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

Quant Time: Apr 09 02:52:09 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	38039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	69959	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	70853	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	38243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	34220	50.137	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.280%			
35) Dibromofluoromethane	5.385	113	24621	49.687	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.380%			
50) Toluene-d8	8.647	98	88467	49.408	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.820%			
62) 4-Bromofluorobenzene	11.079	95	37004	51.750	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.500%			
Target Compounds					Qvalue	
16) Acetone	2.380	43	6258	23.613	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	12804	8.548	ug/l #	80
22) Diisopropyl ether	3.770	45	5860	3.950	ug/l #	65
25) 2-Butanone	4.568	43	1690m	4.293	ug/l	
31) Cyclohexane	5.458	56	2060	2.844	ug/l	85
37) Ethyl Acetate	4.715	43	48326	55.896	ug/l	98
39) Methylcyclohexane	7.385	83	517	0.615	ug/l #	87
40) Benzene	6.038	78	255503	130.748	ug/l	99
52) Toluene	8.720	92	226162	183.417	ug/l	94
67) Ethyl Benzene	10.195	91	25529	9.238	ug/l	99
68) m/p-Xylenes	10.299	106	31382	31.212	ug/l	90
69) o-Xylene	10.640	106	15165	16.010	ug/l	89
73) Isopropylbenzene	10.964	105	768	0.288	ug/l	99
78) n-propylbenzene	11.305	91	2035	0.610	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	4353	1.908	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	14658	6.378	ug/l	97
95) Naphthalene	13.774	128	4488	1.620	ug/l	97

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

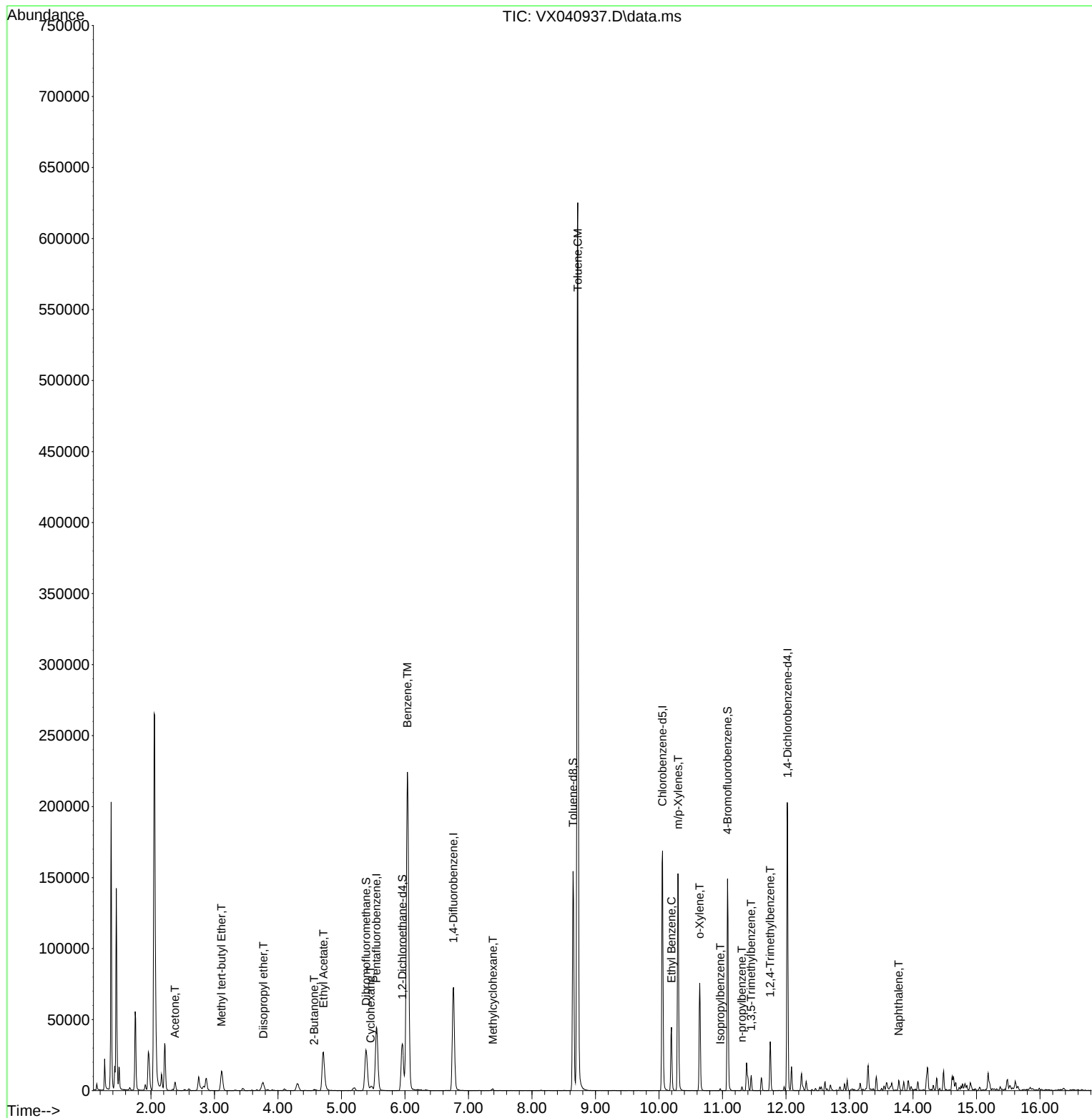
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040824\
Data File : VX040937.D
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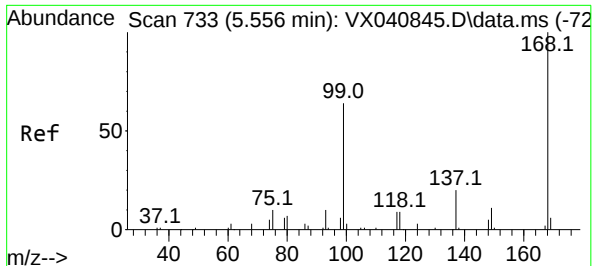
Instrument :
MSVOA_X
ClientSampleId :
50312

Quant Time: Apr 09 02:52:09 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

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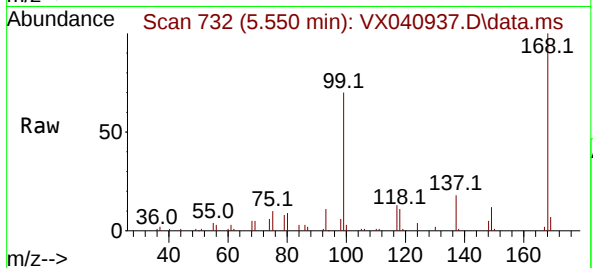
Reviewed By : John Carlone 04/09/2024
Supervised By : Semsettin Yesilyurt 04/09/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.006 min
Lab File: VX040937.D
Acq: 08 Apr 2024 18:03

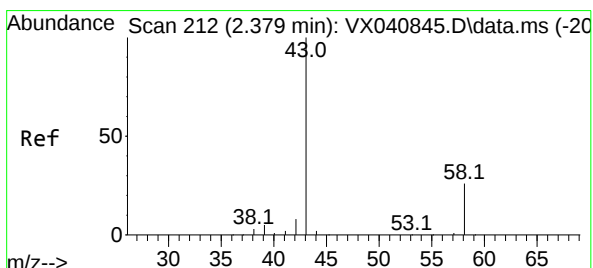
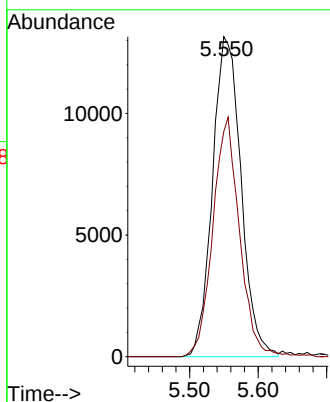
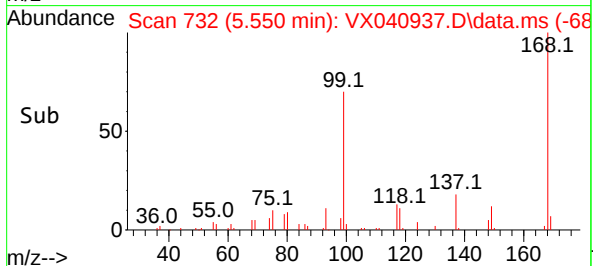
Instrument :
MSVOA_X
ClientSampleId :
50312



Tgt Ion:168 Resp: 38039
Ion Ratio Lower Upper
168 100
99 70.3 56.6 85.0

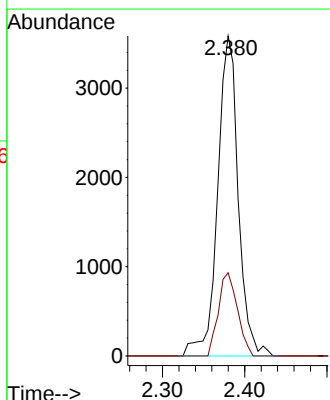
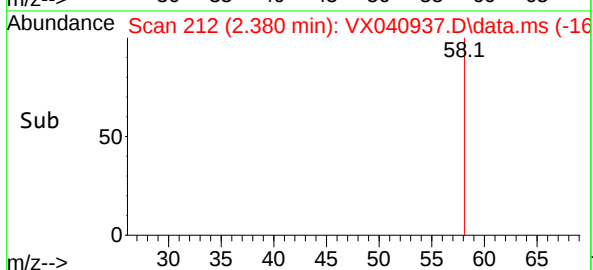
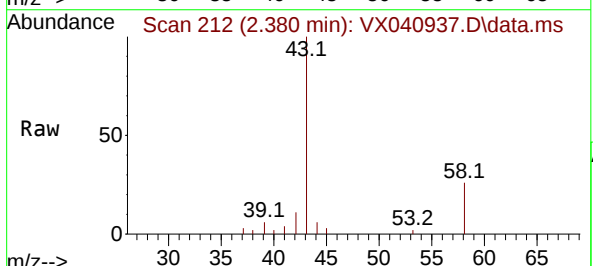
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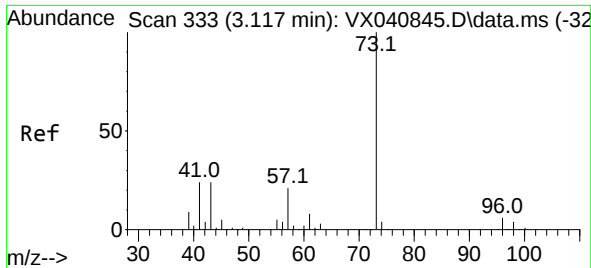
Reviewed By :John Carlone 04/09/2024
Supervised By :Semsettin Yesilyurt 04/09/2024



#16
Acetone
Concen: 23.613 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040937.D
Acq: 08 Apr 2024 18:03

Tgt Ion: 43 Resp: 6258
Ion Ratio Lower Upper
43 100
58 26.0 21.9 32.9





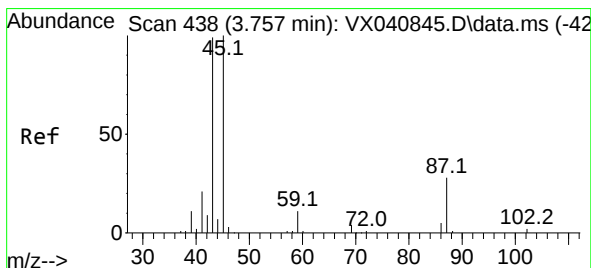
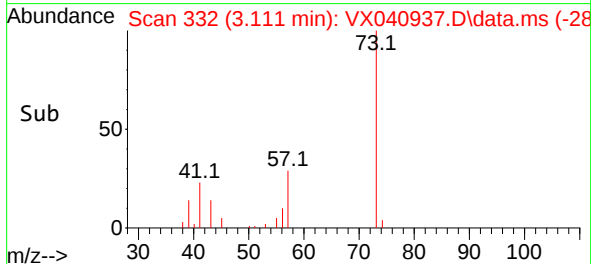
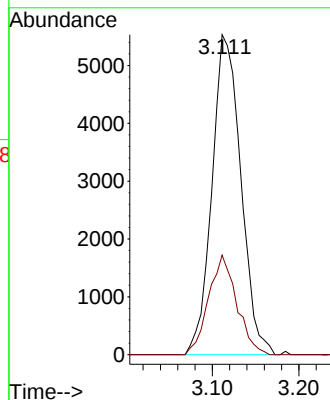
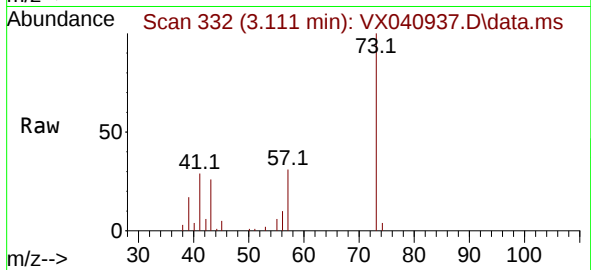
#19
Methyl tert-butyl Ether
Concen: 8.548 ug/l
RT: 3.111 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040937.D
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Tgt Ion: 73 Resp: 12804
Ion Ratio Lower Upper
73 100
57 31.1 17.3 25.9

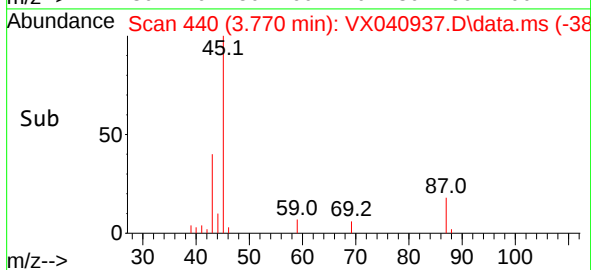
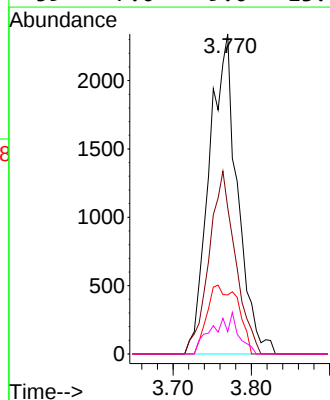
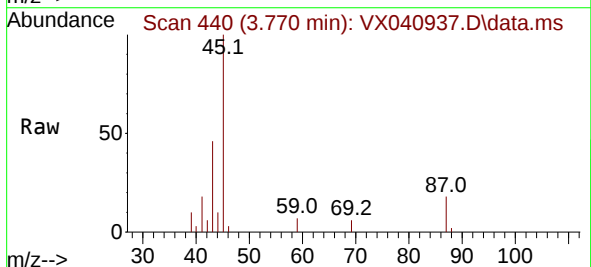
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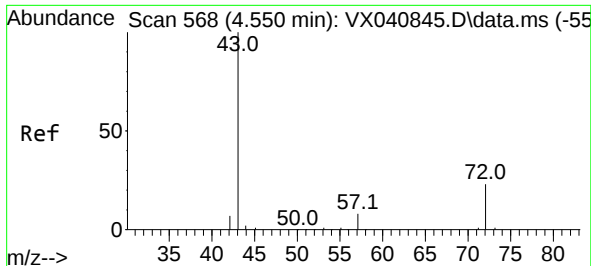
Reviewed By :John Carlone 04/09/2024
Supervised By :Semsettin Yesilyurt 04/09/2024



#22
Diisopropyl ether
Concen: 3.950 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.012 min
Lab File: VX040937.D
Acq: 08 Apr 2024 18:03

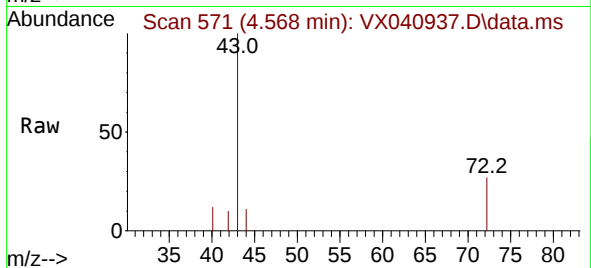
Tgt Ion: 45 Resp: 5860
Ion Ratio Lower Upper
45 100
43 45.7 69.7 104.5#
87 18.5 20.8 31.2#
59 7.0 9.0 13.4#





#25
2-Butanone
Concen: 4.293 ug/l m
RT: 4.568 min Scan# 51
Delta R.T. 0.019 min
Lab File: VX040937.D
Acq: 08 Apr 2024 18:03

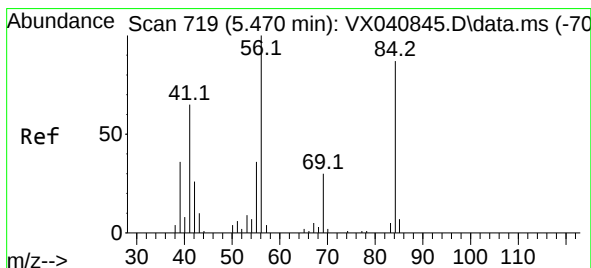
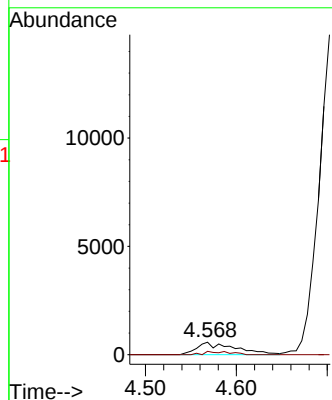
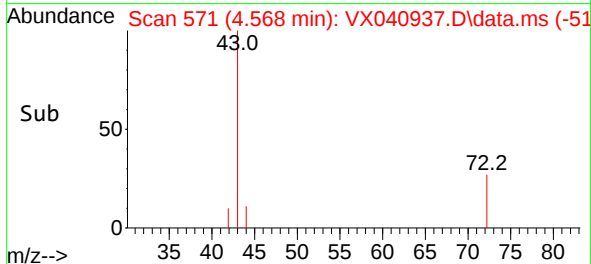
Instrument :
MSVOA_X
ClientSampleId :
50312



Tgt Ion: 43 Resp: 1690
Ion Ratio Lower Upper
43 100
72 27.4 19.4 29.2

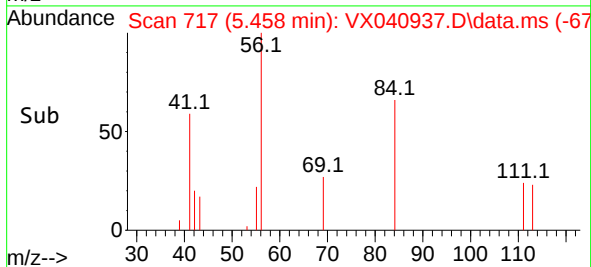
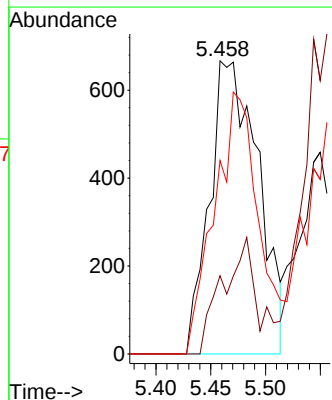
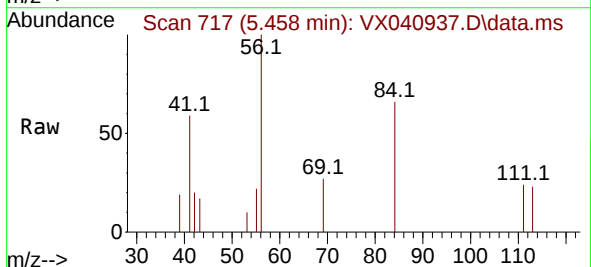
Manual Integrations
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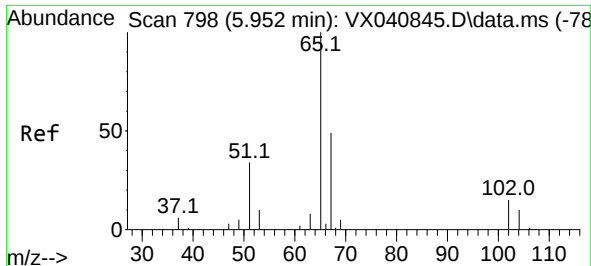
Reviewed By :John Carlone 04/09/2024
Supervised By :Semsettin Yesilyurt 04/09/2024



#31
Cyclohexane
Concen: 2.844 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.012 min
Lab File: VX040937.D
Acq: 08 Apr 2024 18:03

Tgt Ion: 56 Resp: 2060
Ion Ratio Lower Upper
56 100
69 26.7 23.4 35.2
84 66.0 65.9 98.9





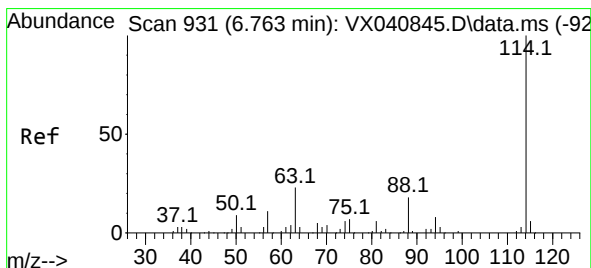
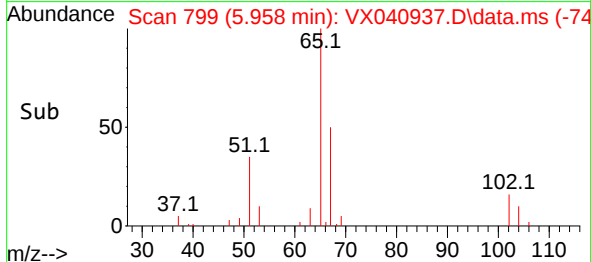
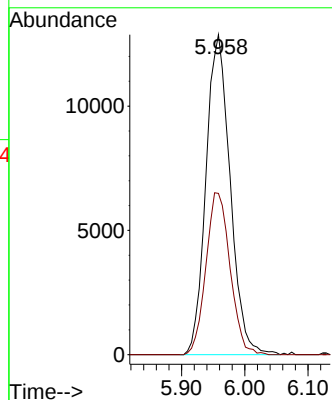
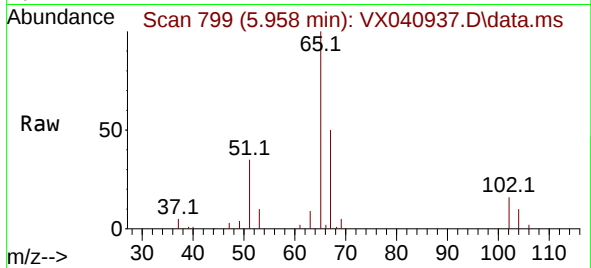
#33
1,2-Dichloroethane-d4
Concen: 50.137 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX040937.D
Acq: 08 Apr 2024 18:03

Instrument :
MSVOA_X
ClientSampleId :
50312

Tgt Ion: 65 Resp: 34220
Ion Ratio Lower Upper
65 100
67 50.5 0.0 100.2

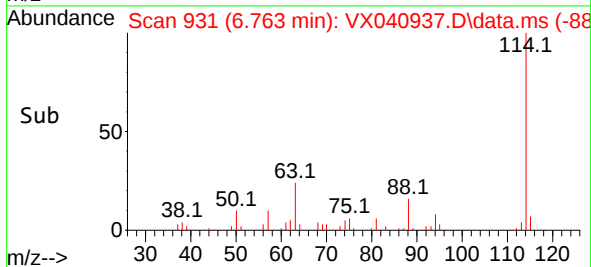
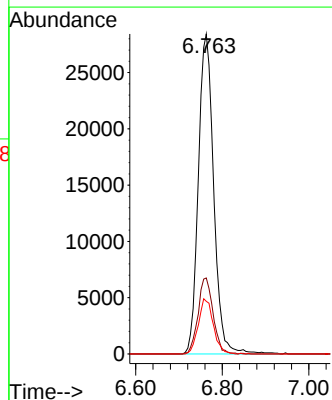
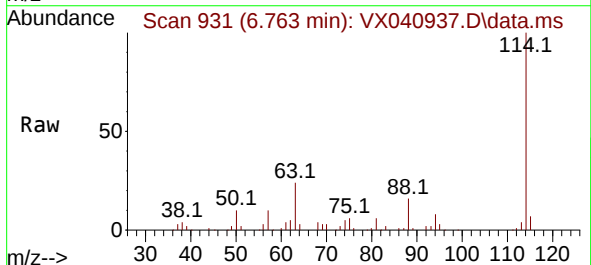
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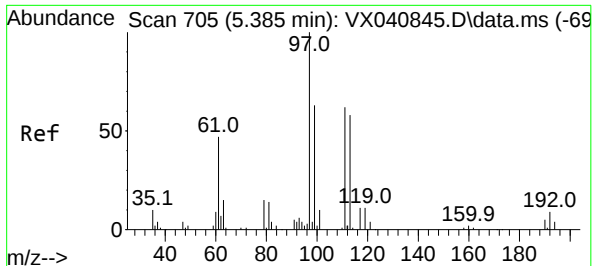
Reviewed By :John Carlone 04/09/2024
Supervised By :Semsettin Yesilyurt 04/09/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX040937.D
Acq: 08 Apr 2024 18:03

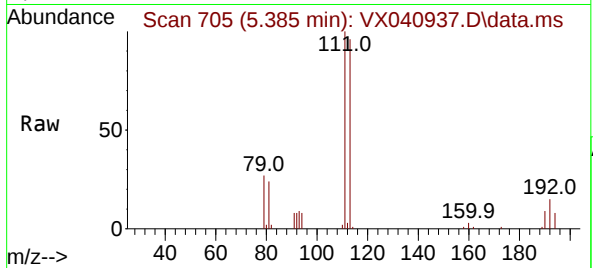
Tgt Ion:114 Resp: 69959
Ion Ratio Lower Upper
114 100
63 23.7 0.0 45.0
88 16.4 0.0 36.6





#35
Dibromofluoromethane
Concen: 49.687 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040937.D
Acq: 08 Apr 2024 18:03

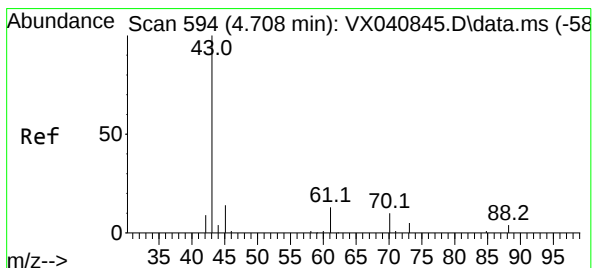
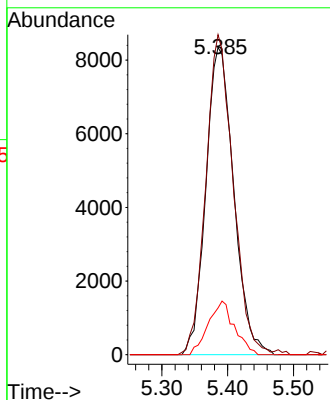
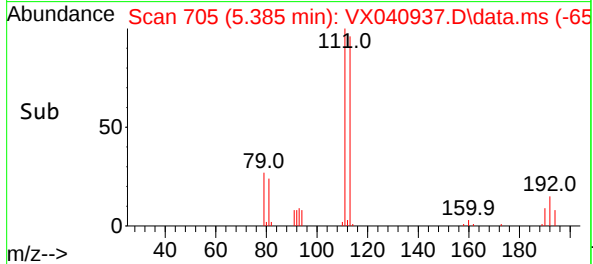
Instrument :
MSVOA_X
ClientSampleId :
50312



Tgt Ion: 113 Resp: 2462
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 16.3 13.3 19.9

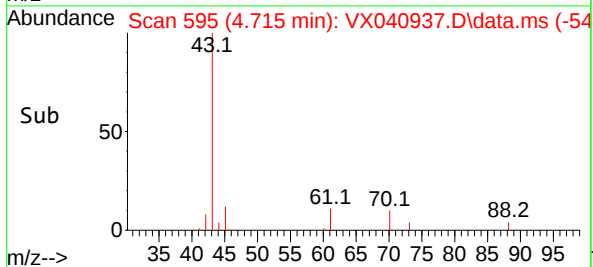
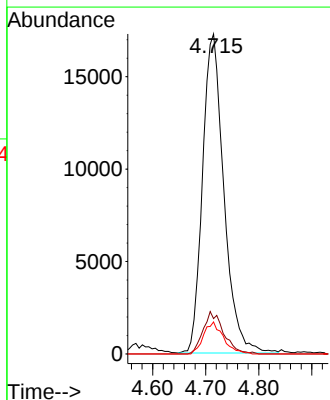
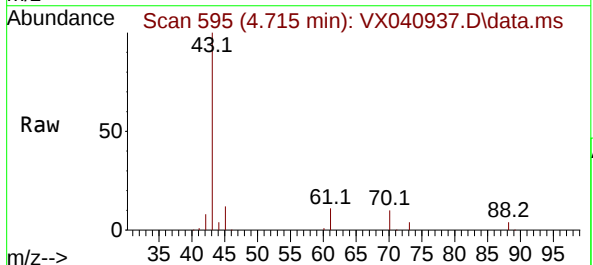
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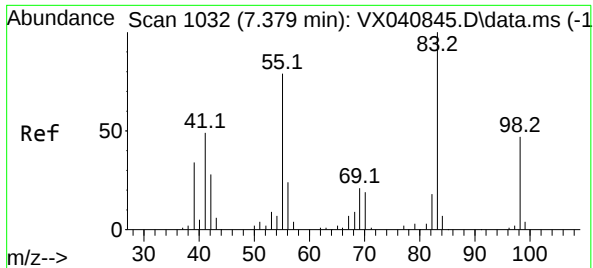
Reviewed By :John Carlone 04/09/2024
Supervised By :Semsettin Yesilyurt 04/09/2024



#37
Ethyl Acetate
Concen: 55.896 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.006 min
Lab File: VX040937.D
Acq: 08 Apr 2024 18:03

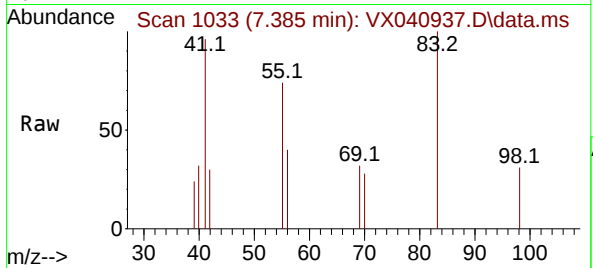
Tgt Ion: 43 Resp: 48326
Ion Ratio Lower Upper
43 100
61 12.8 10.6 16.0
70 9.3 8.3 12.5





#39
Methylcyclohexane
Concen: 0.615 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX040937.D
Acq: 08 Apr 2024 18:03

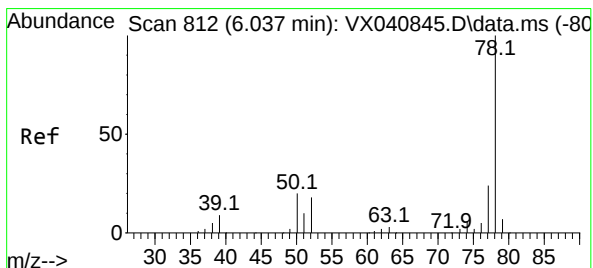
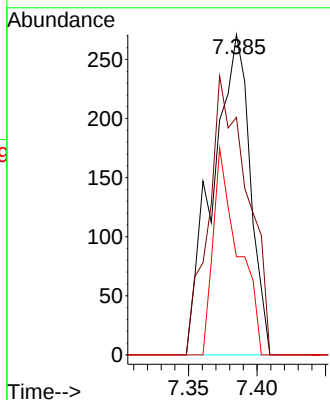
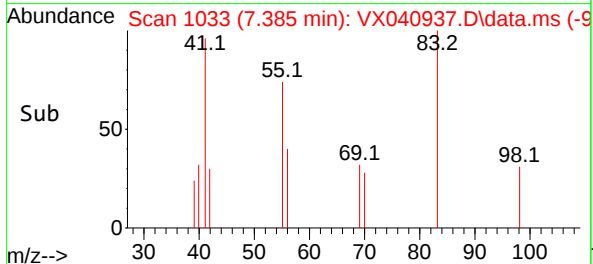
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Tgt Ion: 83 Resp: 51
Ion Ratio Lower Upper
83 100
55 74.2 64.6 97.0
98 30.6 36.7 55.1

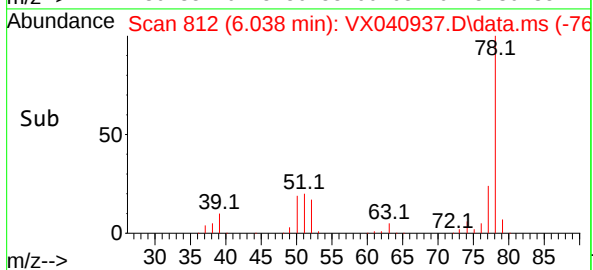
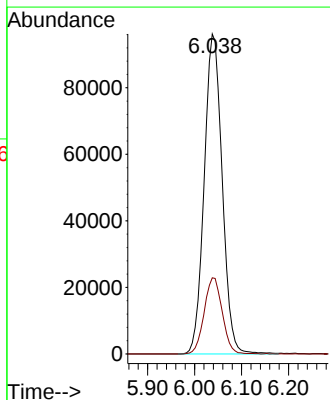
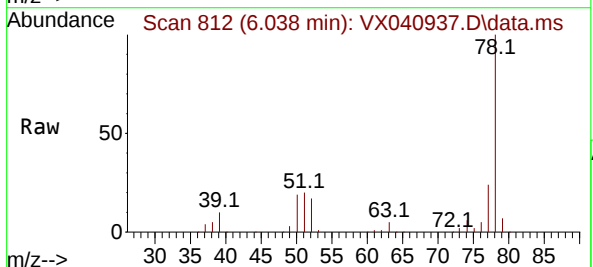
Manual Integrations
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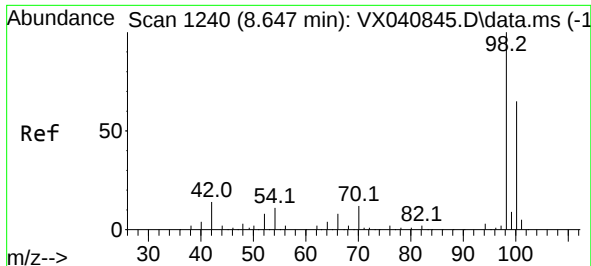
Reviewed By :John Carlone 04/09/2024
Supervised By :Semsettin Yesilyurt 04/09/2024



#40
Benzene
Concen: 130.748 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040937.D
Acq: 08 Apr 2024 18:03

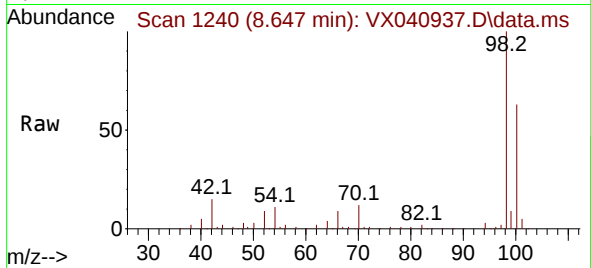
Tgt Ion: 78 Resp: 255503
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9





#50
Toluene-d8
Concen: 49.408 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040937.D
Acq: 08 Apr 2024 18:03

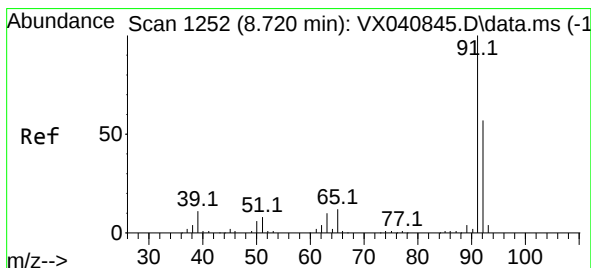
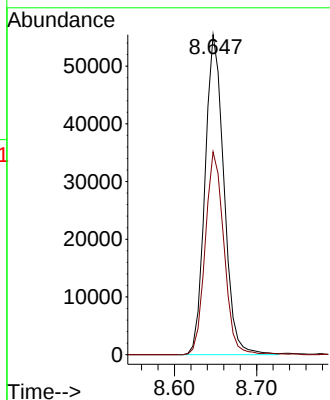
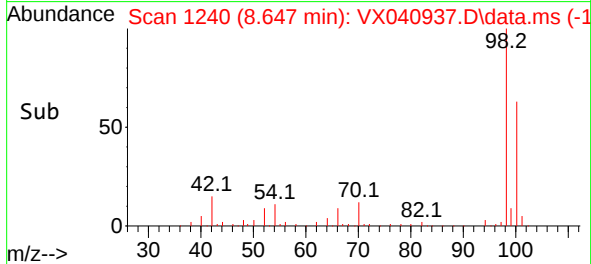
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50312



Tgt Ion: 98 Resp: 8846
Ion Ratio Lower Upper
98 100
100 63.0 53.1 79.7

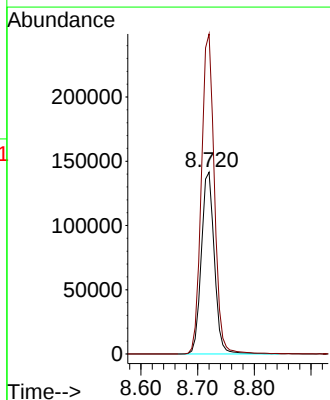
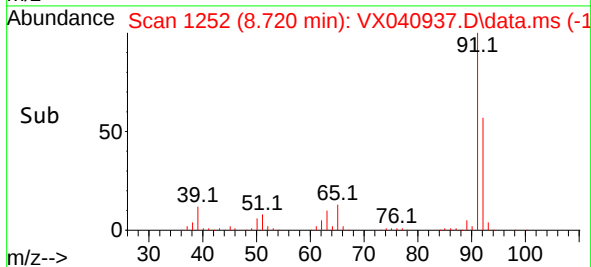
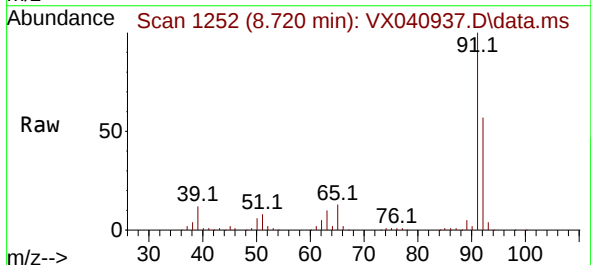
Manual Integrations
APPROVED

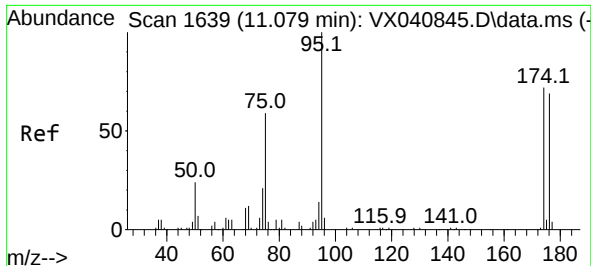
Reviewed By :John Carlone 04/09/2024
Supervised By :Semsettin Yesilyurt 04/09/2024



#52
Toluene
Concen: 183.417 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX040937.D
Acq: 08 Apr 2024 18:03

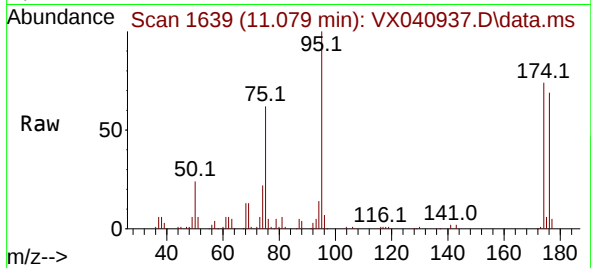
Tgt Ion: 92 Resp: 226162
Ion Ratio Lower Upper
92 100
91 176.1 134.2 201.2





#62
4-Bromofluorobenzene
Concen: 51.750 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040937.D
Acq: 08 Apr 2024 18:03

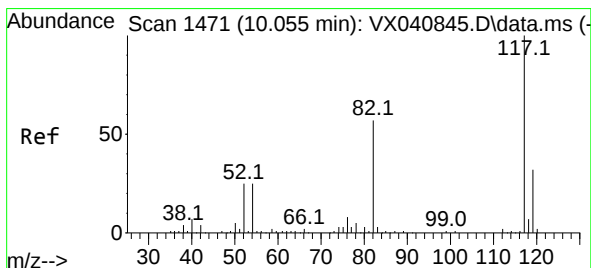
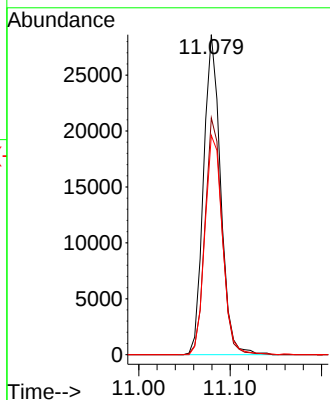
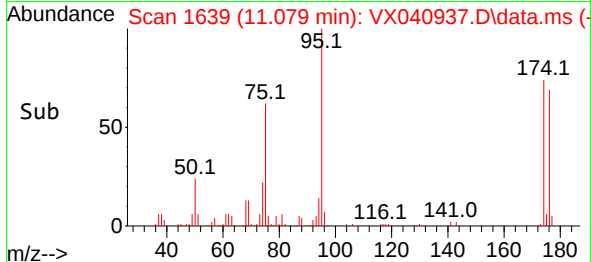
Instrument :
MSVOA_X
ClientSampleId :
50312



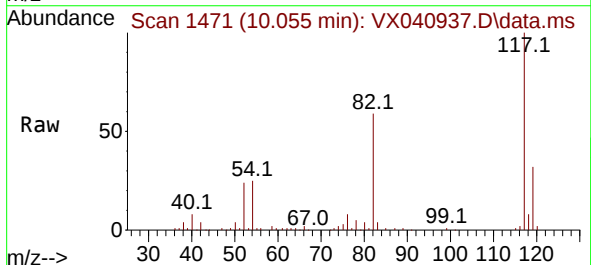
Tgt Ion: 95 Resp: 37004
Ion Ratio Lower Upper
95 100
174 73.5 0.0 135.6
176 71.0 0.0 131.0

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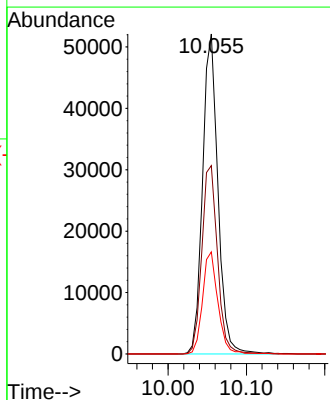
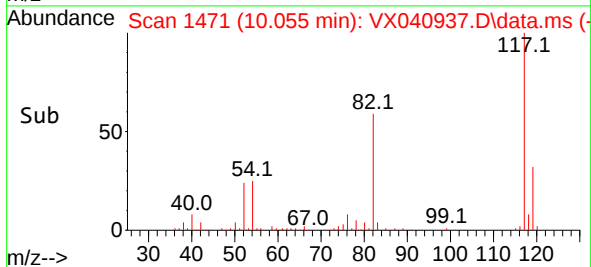
Reviewed By :John Carlone 04/09/2024
Supervised By :Semsettin Yesilyurt 04/09/2024

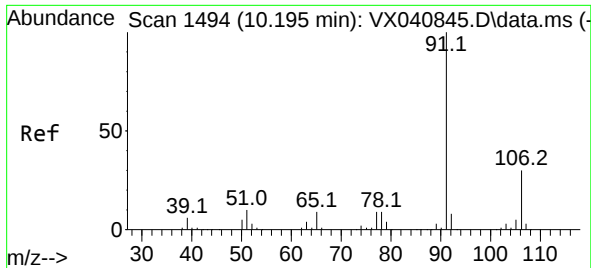


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040937.D
Acq: 08 Apr 2024 18:03



Tgt Ion:117 Resp: 70853
Ion Ratio Lower Upper
117 100
82 58.8 46.2 69.4
119 31.9 25.5 38.3





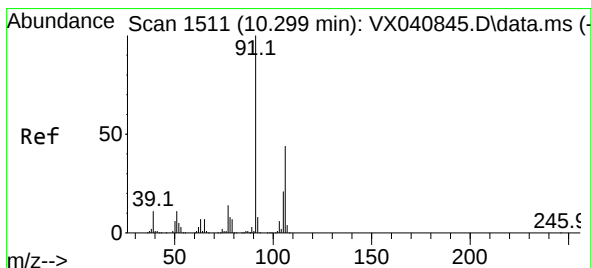
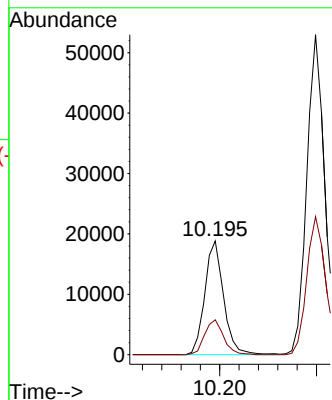
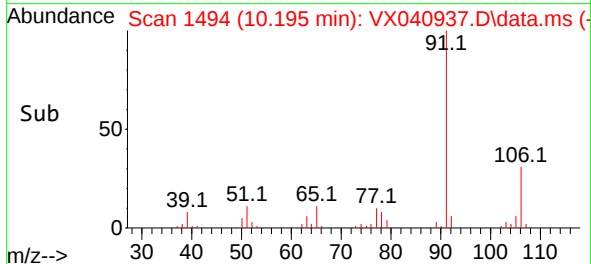
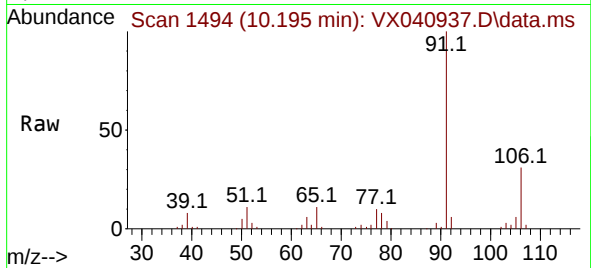
#67
Ethyl Benzene
Concen: 9.238 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040937.D
Acq: 08 Apr 2024 18:03

Instrument :
MSVOA_X
ClientSampleId :
50312

Tgt Ion: 91 Resp: 25529
Ion Ratio Lower Upper
91 100
106 30.7 24.9 37.3

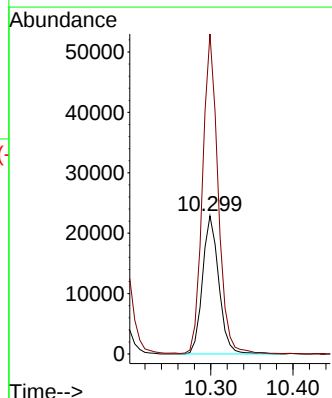
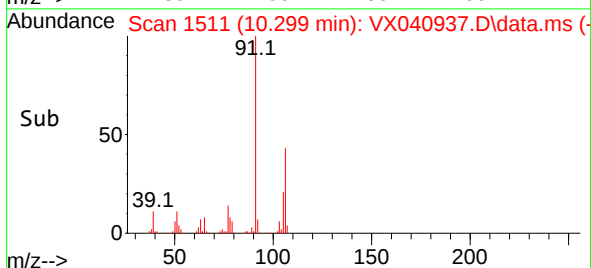
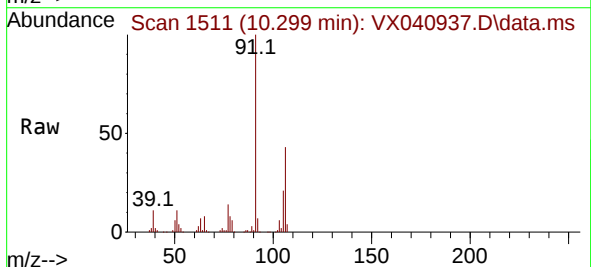
Manual Integrations
APPROVED

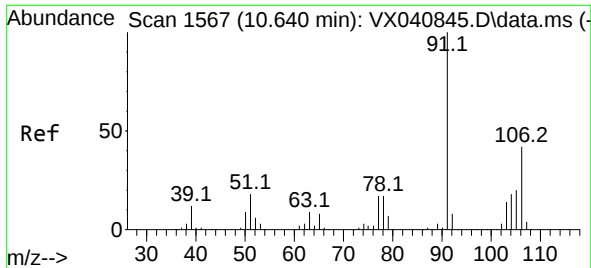
Reviewed By :John Carlone 04/09/2024
Supervised By :Semsettin Yesilyurt 04/09/2024



#68
m/p-Xylenes
Concen: 31.212 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040937.D
Acq: 08 Apr 2024 18:03

Tgt Ion:106 Resp: 31382
Ion Ratio Lower Upper
106 100
91 222.4 165.5 248.3





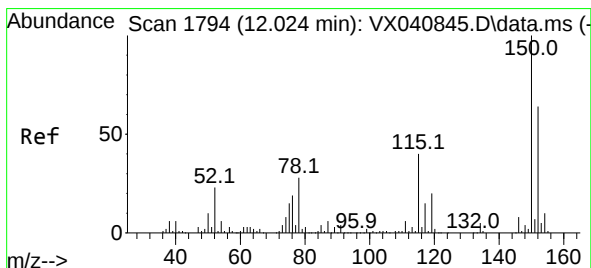
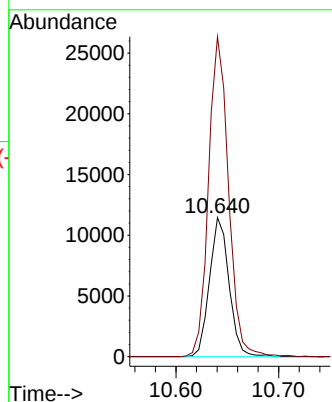
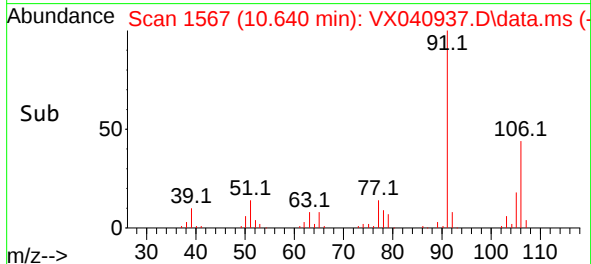
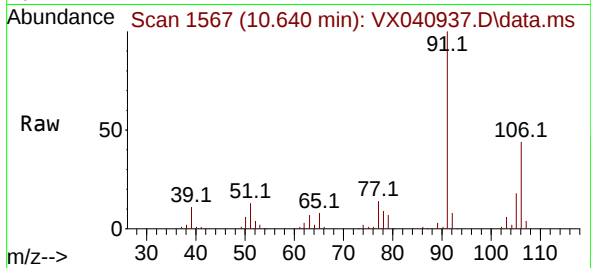
#69
o-Xylene
Concen: 16.010 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040937.D
Acq: 08 Apr 2024 18:03

Instrument :
MSVOA_X
ClientSampleId :
50312

Tgt Ion:106 Resp: 1516
Ion Ratio Lower Upper
106 100
91 235.5 108.9 326.8

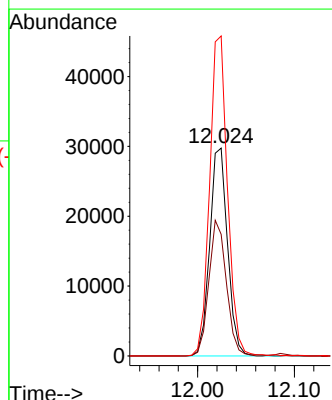
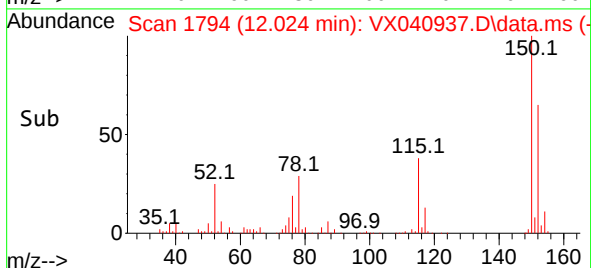
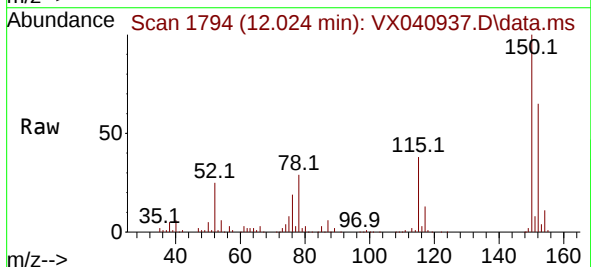
Manual Integrations
APPROVED

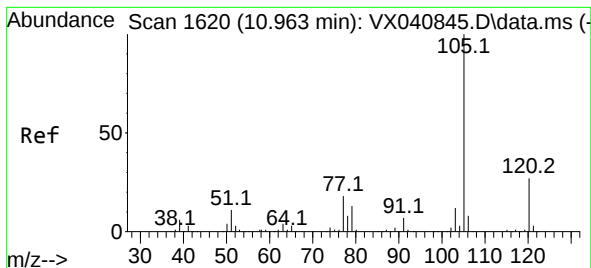
Reviewed By :John Carlone 04/09/2024
Supervised By :Semsettin Yesilyurt 04/09/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX040937.D
Acq: 08 Apr 2024 18:03

Tgt Ion:152 Resp: 38243
Ion Ratio Lower Upper
152 100
115 64.0 43.3 129.9
150 154.5 0.0 345.0





#73

Isopropylbenzene

Concen: 0.288 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX040937.D

Acq: 08 Apr 2024 18:03

Instrument :

MSVOA_X

ClientSampleId :

50312

Tgt Ion:105 Resp: 768

Ion Ratio Lower Upper

105 100

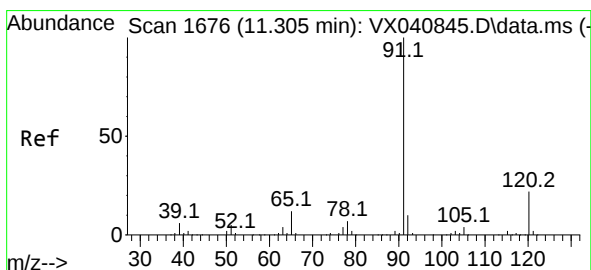
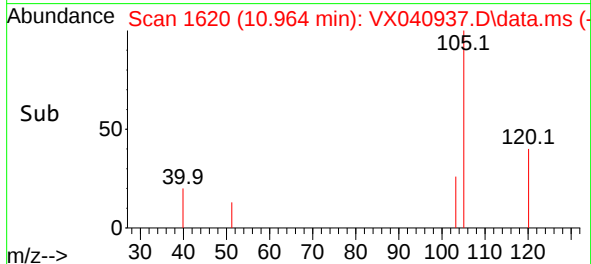
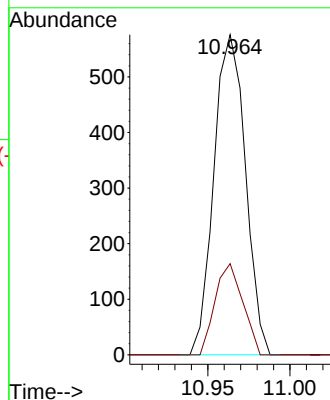
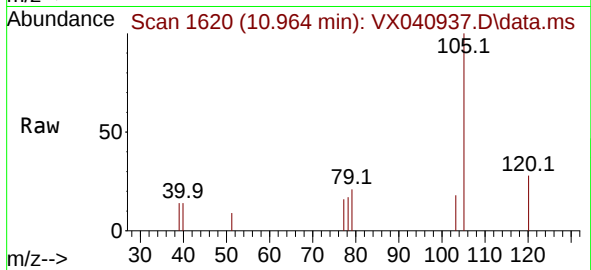
120 25.0 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/09/2024

Supervised By :Semsettin Yesilyurt 04/09/2024



#78

n-propylbenzene

Concen: 0.610 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX040937.D

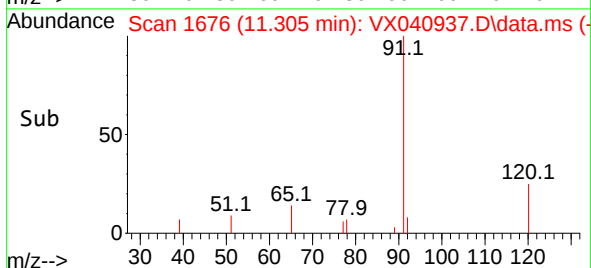
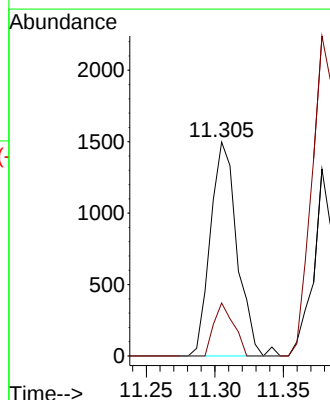
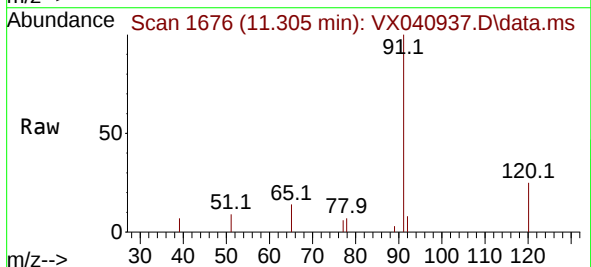
Acq: 08 Apr 2024 18:03

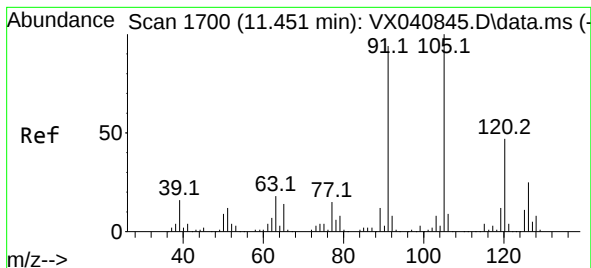
Tgt Ion: 91 Resp: 2035

Ion Ratio Lower Upper

91 100

120 18.4 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 1.908 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX040937.D

Acq: 08 Apr 2024 18:03

Instrument :

MSVOA_X

ClientSampleId :

50312

Tgt Ion:105 Resp: 435

Ion Ratio Lower Upper

105 100

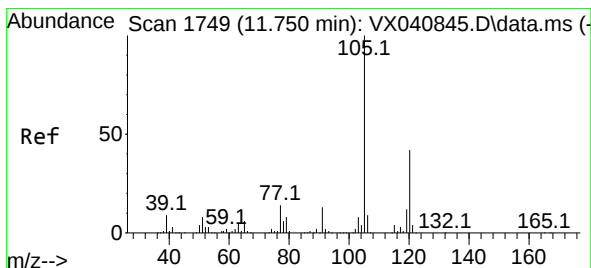
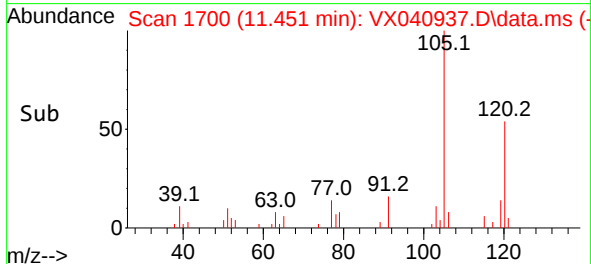
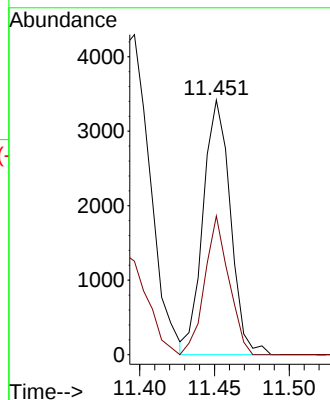
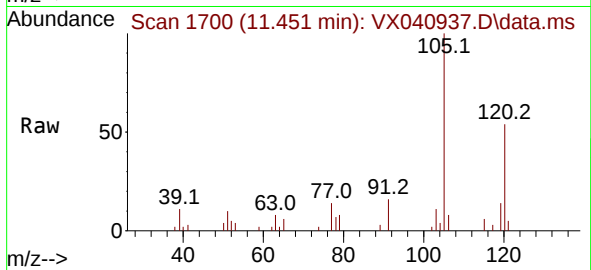
120 48.1 24.1 72.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/09/2024

Supervised By :Semsettin Yesilyurt 04/09/2024



#84

1,2,4-Trimethylbenzene

Concen: 6.378 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX040937.D

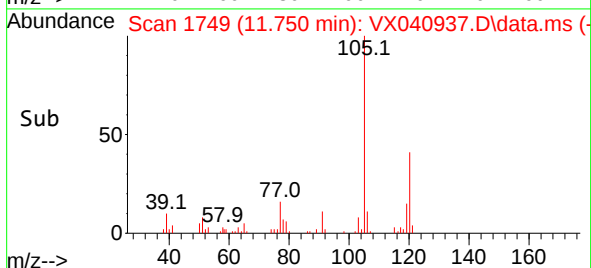
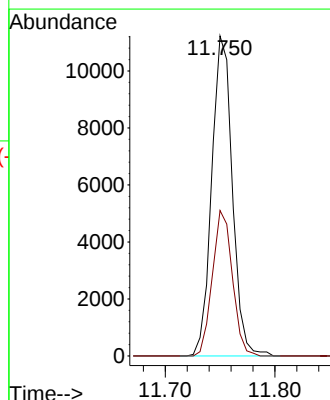
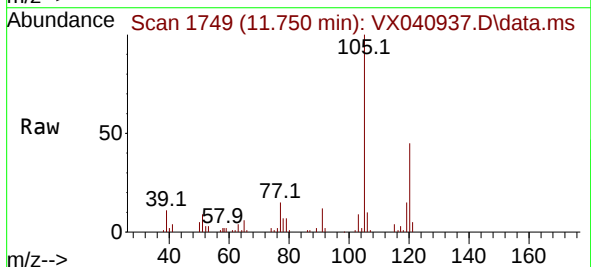
Acq: 08 Apr 2024 18:03

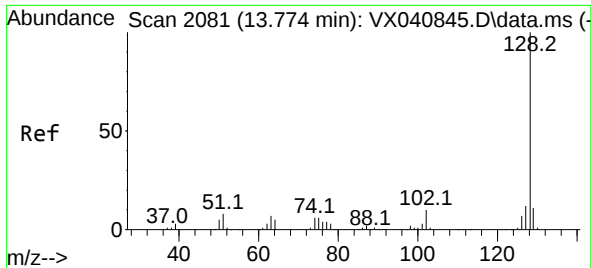
Tgt Ion:105 Resp: 14658

Ion Ratio Lower Upper

105 100

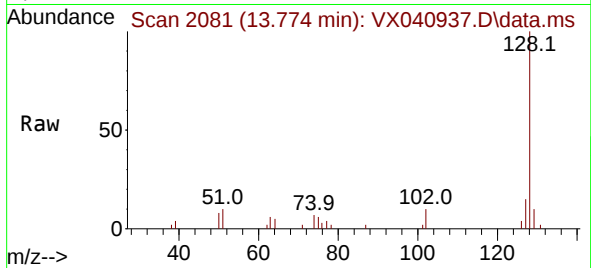
120 44.1 21.2 63.6





#95
Naphthalene
Concen: 1.620 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX040937.D
Acq: 08 Apr 2024 18:03

Instrument :
MSVOA_X
ClientSampleId :
50312



Tgt Ion:128 Resp: 448
Ion Ratio Lower Upper
128 100
127 14.3 10.3 15.5
129 11.5 8.8 13.2

Manual Integrations
APPROVED

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

