

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080823\
 Data File : VX036870.D
 Acq On : 08 Aug 2023 17:39
 Operator : JC/MD
 Sample : 03903-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10W

Quant Time: Aug 09 04:17:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 08/09/2023
 Supervised By :Semsettin Yesilyurt 08/09/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	129990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	239738	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105976	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90069	46.828	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.660%		
35) Dibromofluoromethane	5.385	113	76717	46.557	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.120%		
50) Toluene-d8	8.647	98	285596	48.874	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.740%		
62) 4-Bromofluorobenzene	11.079	95	114558	51.961	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.920%		
Target Compounds					Qvalue	
16) Acetone	2.380	43	7388	9.257	ug/l	94
17) Carbon Disulfide	2.514	76	3277	0.816	ug/l	96
25) 2-Butanone	4.574	43	2618	2.022	ug/l	97
27) cis-1,2-Dichloroethene	4.501	96	1135	0.587	ug/l	75
31) Cyclohexane	5.513	56	8521m	3.200	ug/l	
39) Methylcyclohexane	7.379	83	77106	25.247	ug/l	96
44) Trichloroethene	7.129	130	2766	1.481	ug/l	94
67) Ethyl Benzene	10.195	91	65103	7.275	ug/l	98
68) m/p-Xylenes	10.299	106	70313	21.060	ug/l	98
69) o-Xylene	10.640	106	3236	0.971	ug/l	100
73) Isopropylbenzene	10.963	105	44932	5.123	ug/l	98
78) n-propylbenzene	11.305	91	134591	13.269	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	59943	8.170	ug/l	98
83) tert-Butylbenzene	11.713	119	10399	1.443	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	228299	31.113	ug/l	95
85) sec-Butylbenzene	11.890	105	90220	10.037	ug/l	96
86) p-Isopropyltoluene	12.012	119	7107m	0.961	ug/l	
89) n-Butylbenzene	12.329	91	81377	12.290	ug/l #	45

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

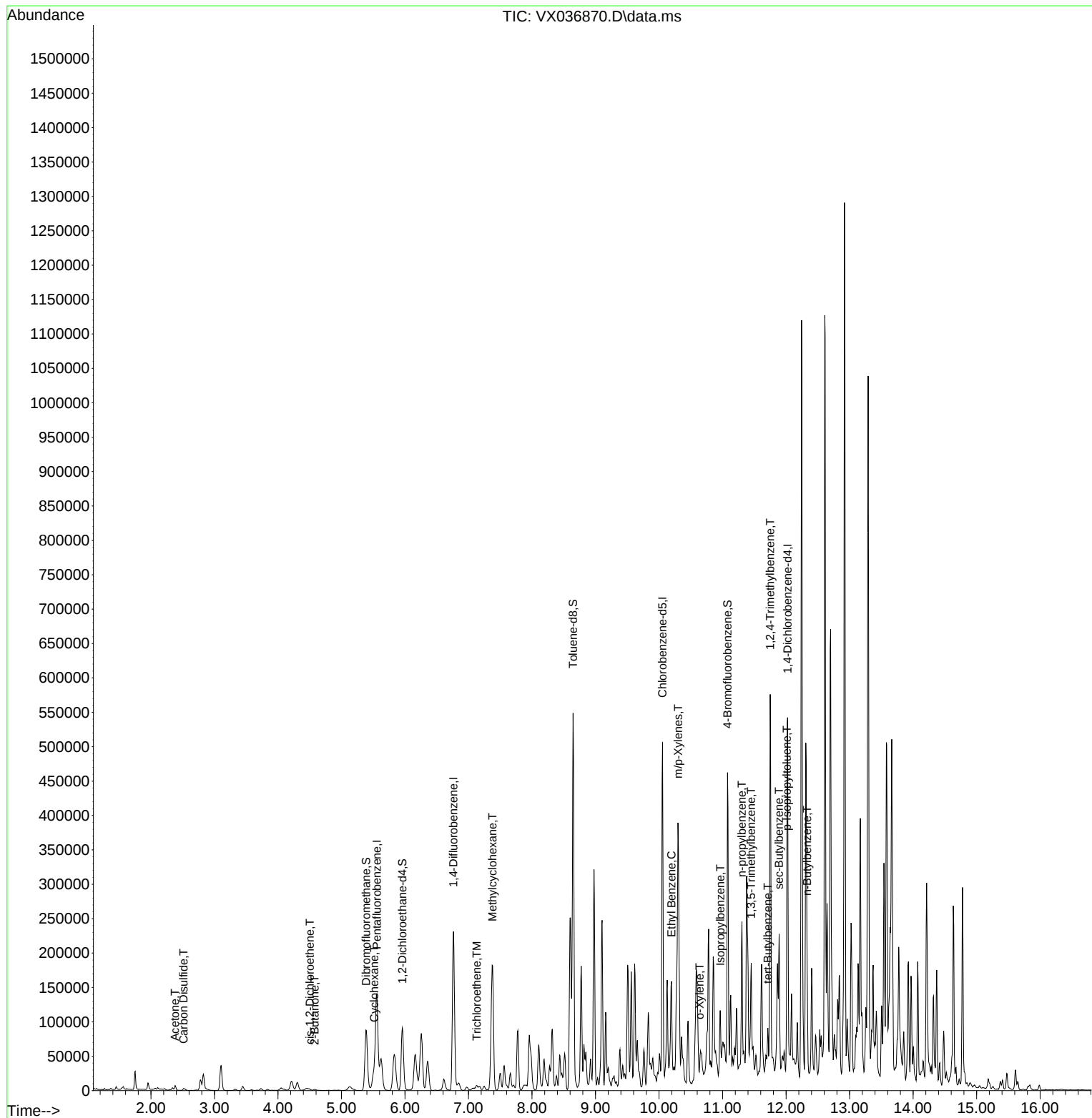
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080823\
Data File : VX036870.D
Acq On : 08 Aug 2023 17:39
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ALS Vial : 20 Sample Multiplier: 1

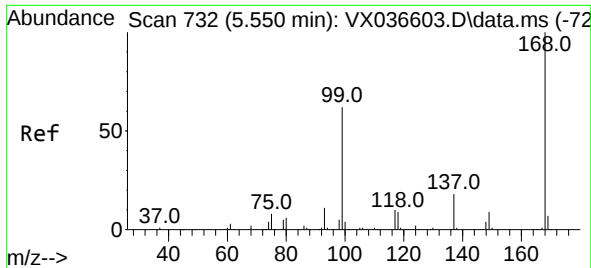
Instrument :
MSVOA_X
ClientSampleId :
MW-10W

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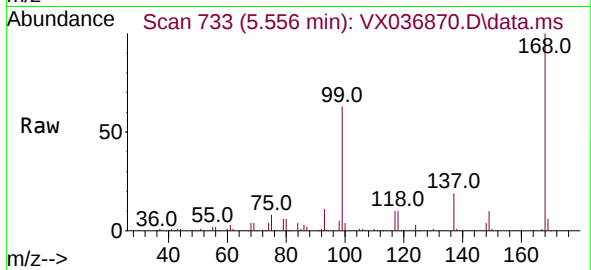
Quant Time: Aug 09 04:17:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036870.D
Acq: 08 Aug 2023 17:39

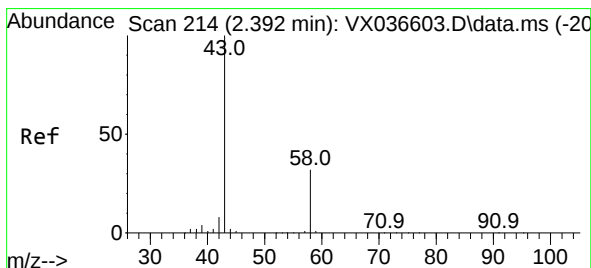
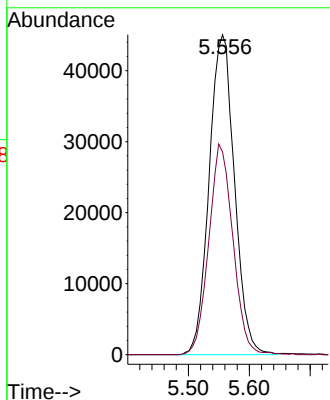
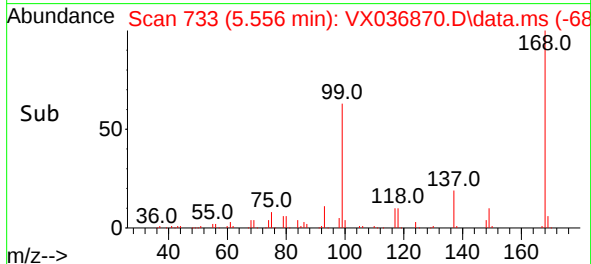
Instrument :
MSVOA_X
ClientSampleId :
MW-10W



Tgt Ion:168 Resp: 129990
Ion Ratio Lower Upper
168 100
99 63.4 56.6 85.0

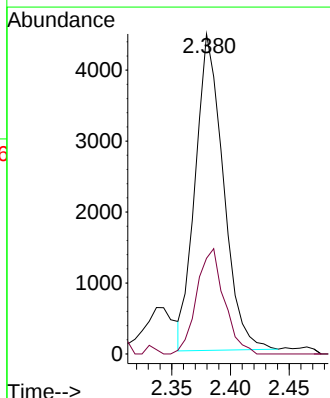
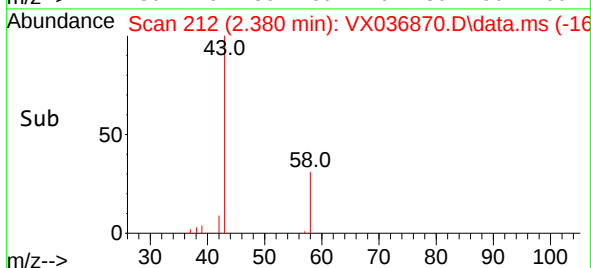
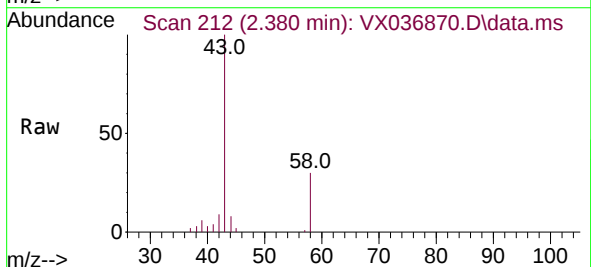
Manual Integrations
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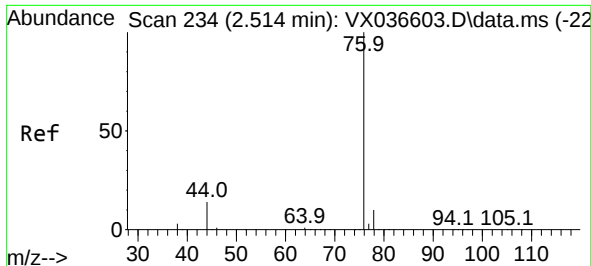
Reviewed By :John Carlone 08/09/2023
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#16
Acetone
Concen: 9.257 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036870.D
Acq: 08 Aug 2023 17:39

Tgt Ion: 43 Resp: 7388
Ion Ratio Lower Upper
43 100
58 30.4 21.9 32.9





#17

Carbon Disulfide

Concen: 0.816 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX036870.D

Acq: 08 Aug 2023 17:39

Instrument :

MSVOA_X

ClientSampleId :

MW-10W

Tgt Ion: 76 Resp: 327

Ion Ratio Lower Upper

76 100

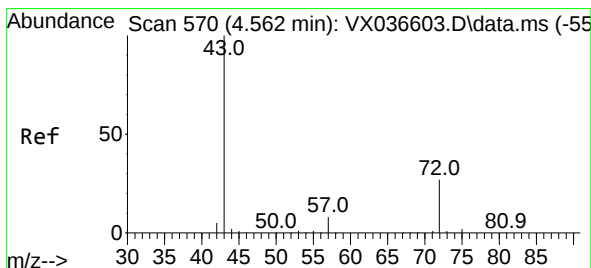
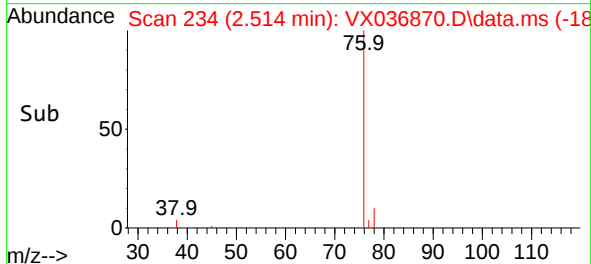
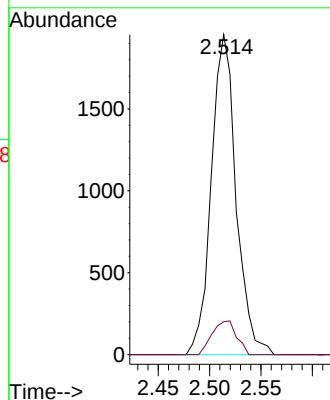
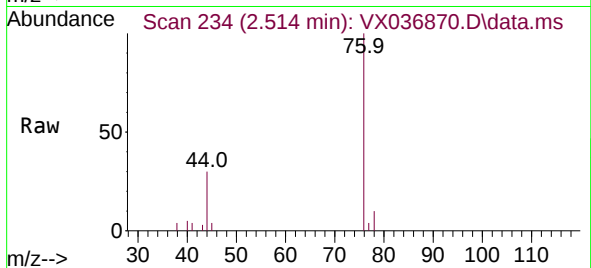
78 10.3 7.0 10.6

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#25

2-Butanone

Concen: 2.022 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.012 min

Lab File: VX036870.D

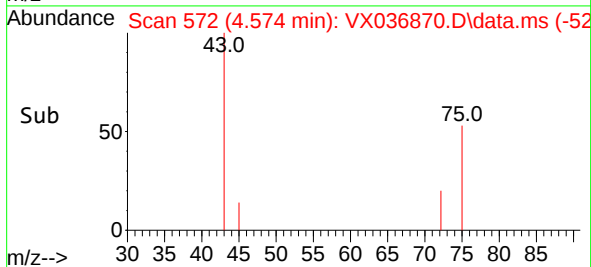
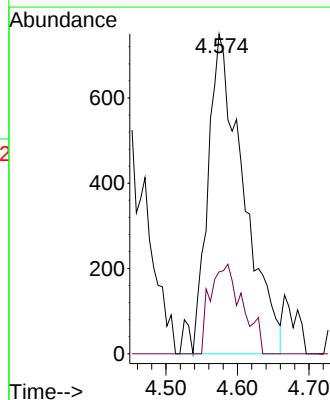
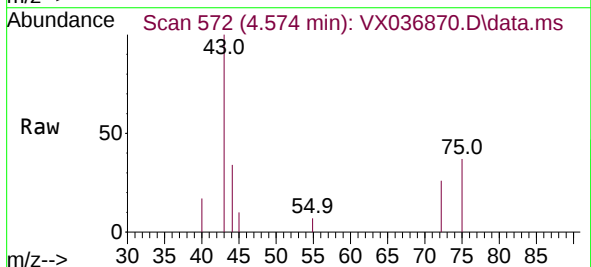
Acq: 08 Aug 2023 17:39

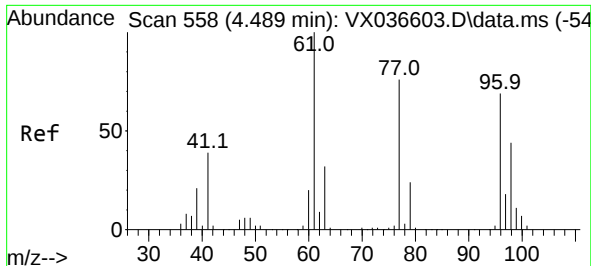
Tgt Ion: 43 Resp: 2618

Ion Ratio Lower Upper

43 100

72 25.6 19.4 29.2





#27

cis-1,2-Dichloroethene

Concen: 0.587 ug/l

RT: 4.501 min Scan# 50

Delta R.T. 0.012 min

Lab File: VX036870.D

Acq: 08 Aug 2023 17:39

Instrument :

MSVOA_X

ClientSampleId :

MW-10W

Tgt Ion: 96 Resp: 113

Ion Ratio Lower Upper

96 100

61 115.0 0.0 312.2

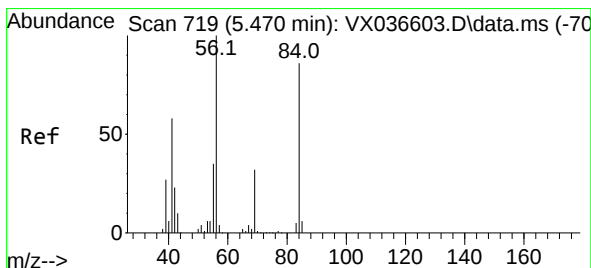
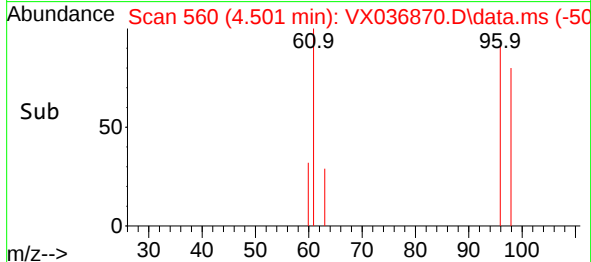
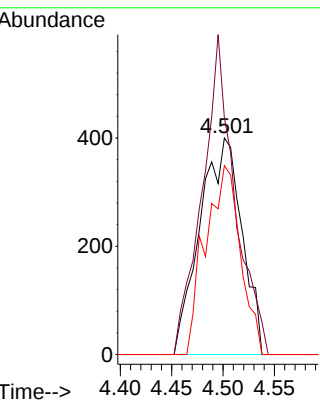
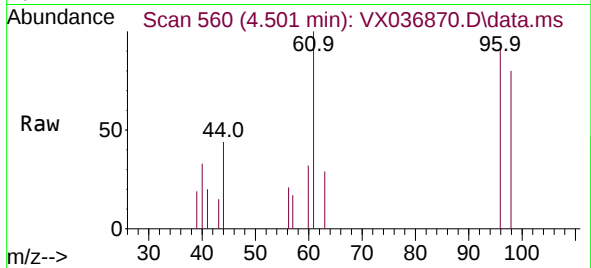
98 72.6 0.0 129.0

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#31

Cyclohexane

Concen: 3.200 ug/l m

RT: 5.513 min Scan# 726

Delta R.T. 0.043 min

Lab File: VX036870.D

Acq: 08 Aug 2023 17:39

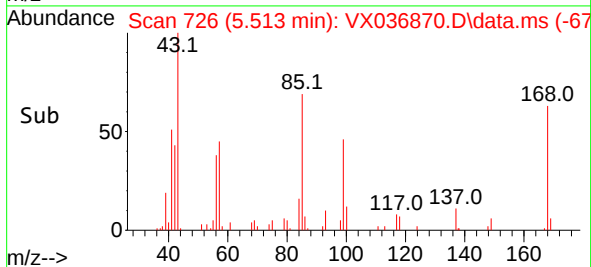
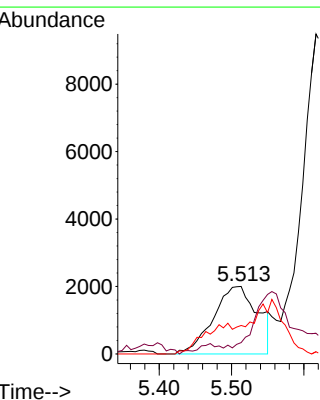
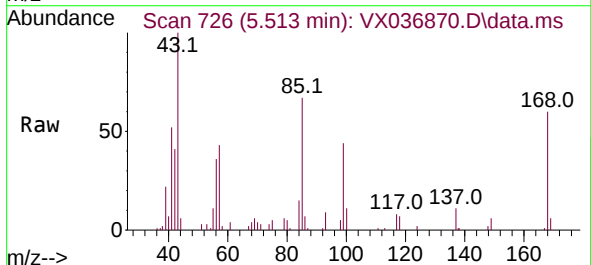
Tgt Ion: 56 Resp: 8521

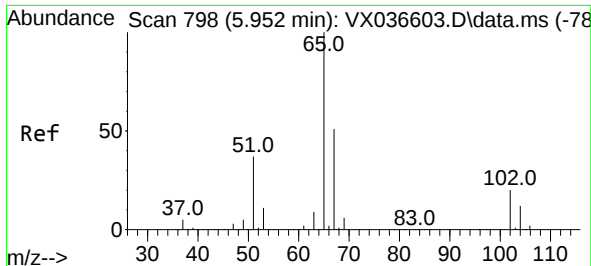
Ion Ratio Lower Upper

56 100

69 16.9 23.4 35.2#

84 42.1 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.828 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036870.D

Acq: 08 Aug 2023 17:39

Instrument :

MSVOA_X

ClientSampleId :

MW-10W

Tgt Ion: 65 Resp: 90069

Ion Ratio Lower Upper

65 100

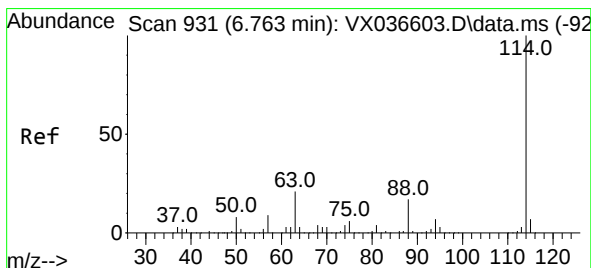
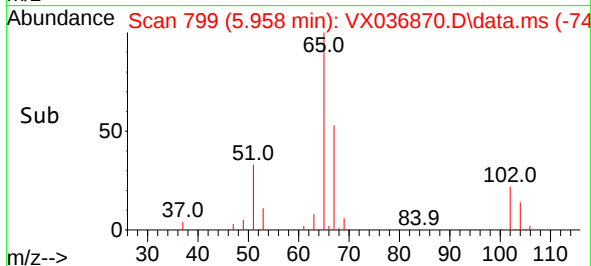
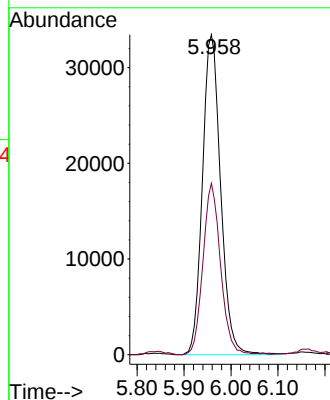
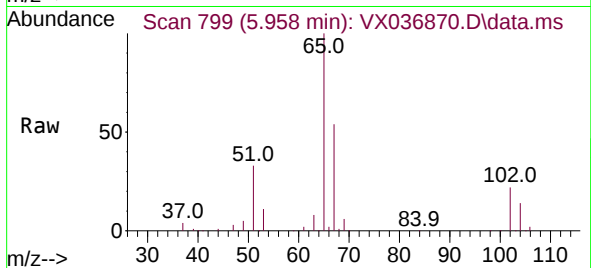
67 51.7 0.0 100.2

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Supervised By :Semsettin Yesilyurt 08/09/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX036870.D

Acq: 08 Aug 2023 17:39

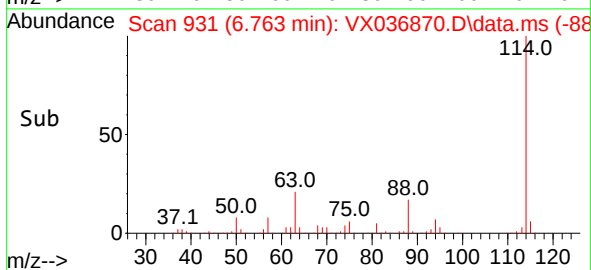
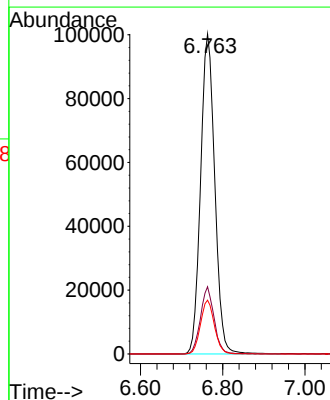
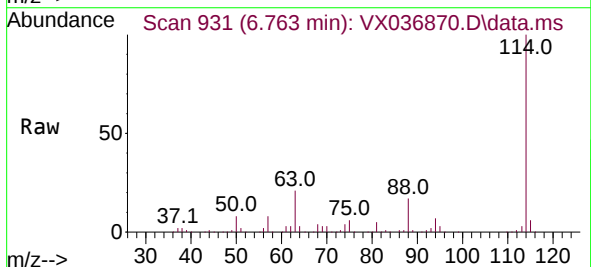
Tgt Ion:114 Resp: 239738

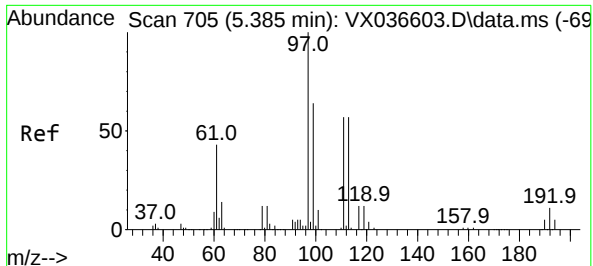
Ion Ratio Lower Upper

114 100

63 21.0 0.0 45.0

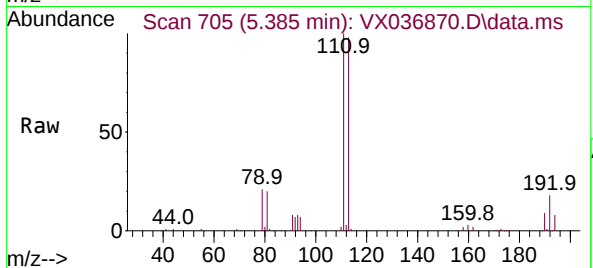
88 16.8 0.0 36.6





#35
Dibromofluoromethane
Concen: 46.557 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036870.D
Acq: 08 Aug 2023 17:39

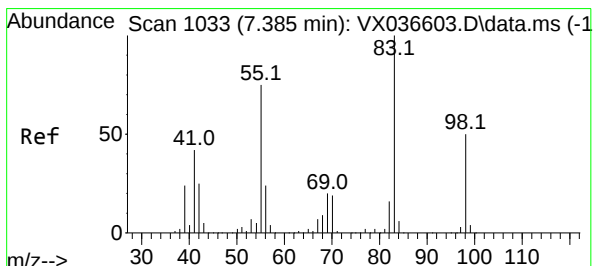
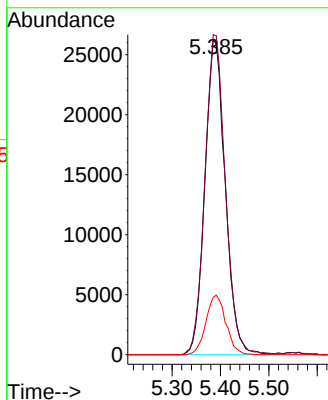
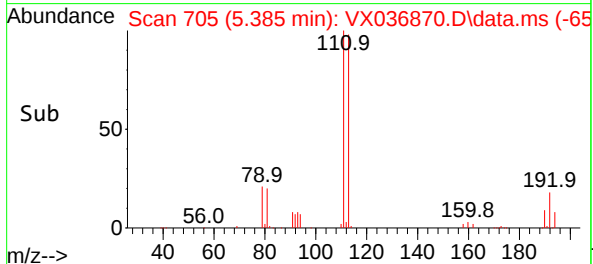
Instrument :
MSVOA_X
ClientSampleId :
MW-10W



Tgt Ion: 113 Resp: 7671
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 18.5 13.3 19.9

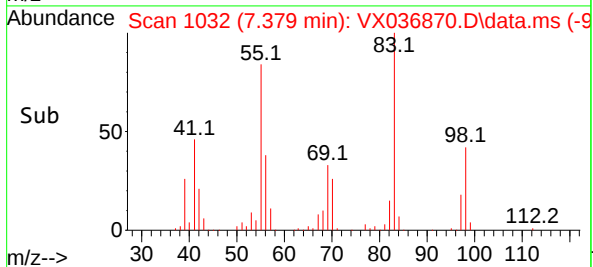
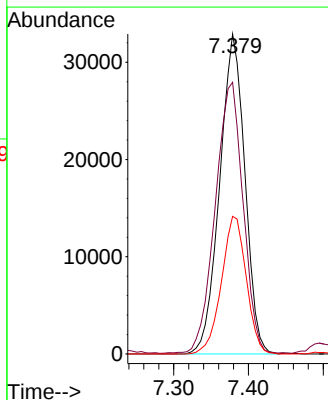
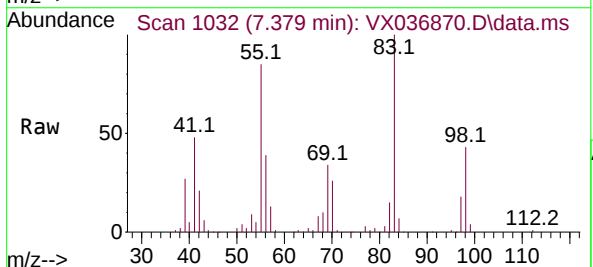
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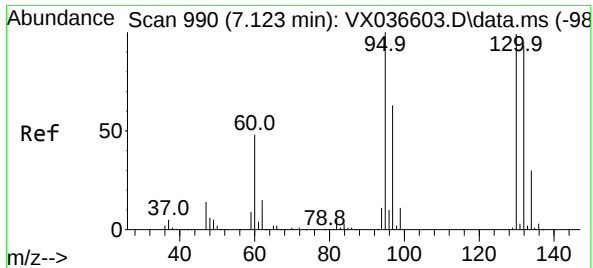
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#39
Methylcyclohexane
Concen: 25.247 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX036870.D
Acq: 08 Aug 2023 17:39

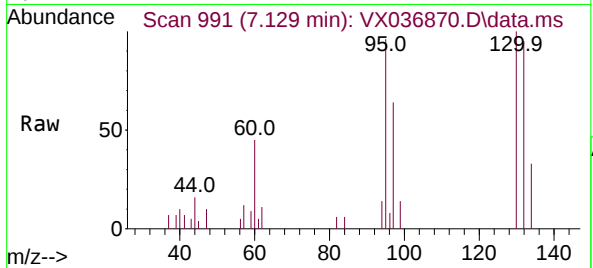
Tgt Ion: 83 Resp: 77106
Ion Ratio Lower Upper
83 100
55 84.6 64.6 97.0
98 43.0 36.7 55.1





#44
Trichloroethene
Concen: 1.481 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX036870.D
Acq: 08 Aug 2023 17:39

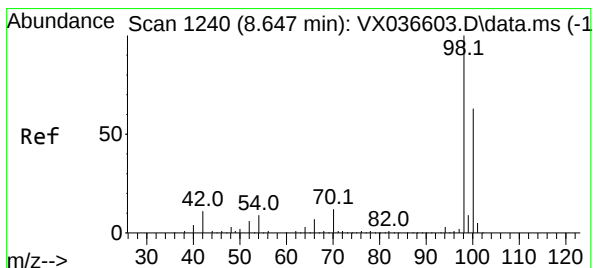
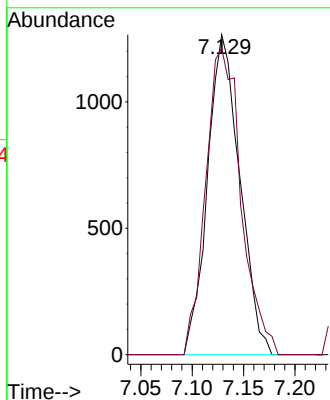
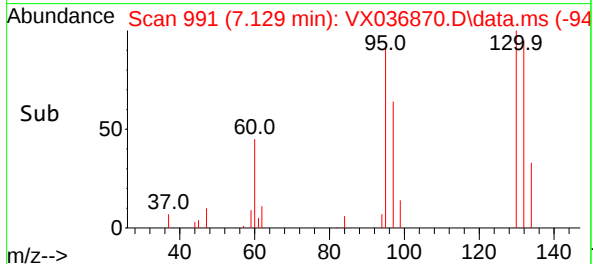
Instrument :
MSVOA_X
ClientSampleId :
MW-10W



Tgt Ion:130 Resp: 2760
Ion Ratio Lower Upper
130 100
95 95.8 0.0 204.4

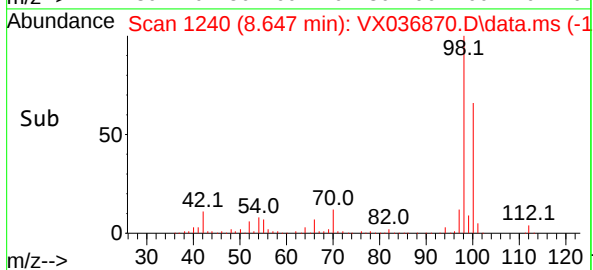
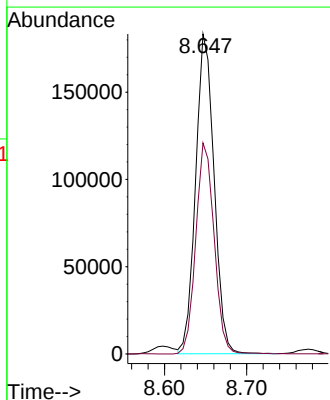
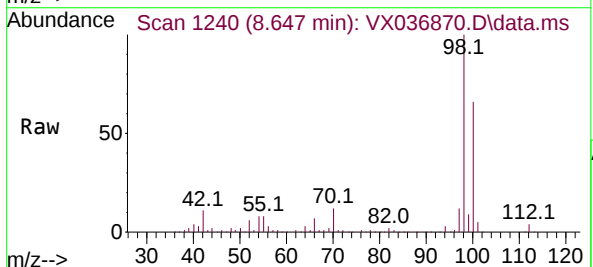
Manual Integrations
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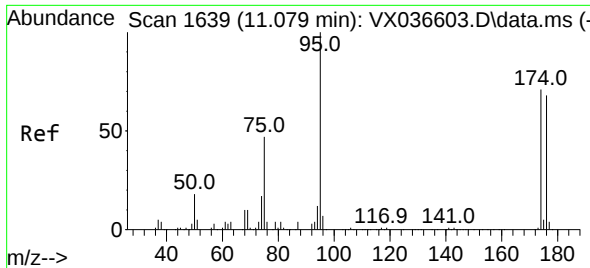
Reviewed By :John Carlone 08/09/2023
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#50
Toluene-d8
Concen: 48.874 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036870.D
Acq: 08 Aug 2023 17:39

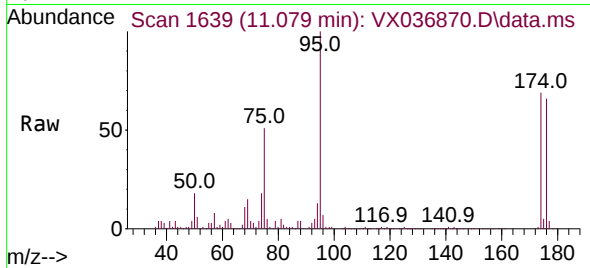
Tgt Ion: 98 Resp: 285596
Ion Ratio Lower Upper
98 100
100 65.7 53.1 79.7





#62
4-Bromofluorobenzene
Concen: 51.961 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036870.D
Acq: 08 Aug 2023 17:39

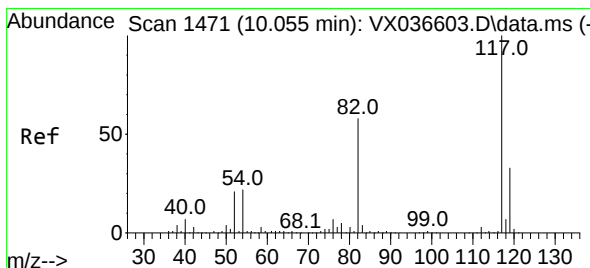
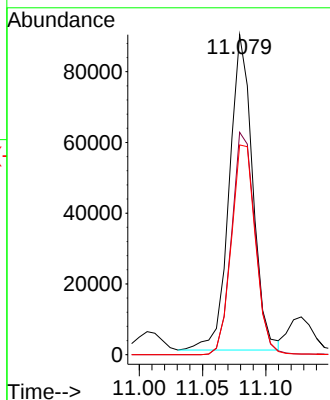
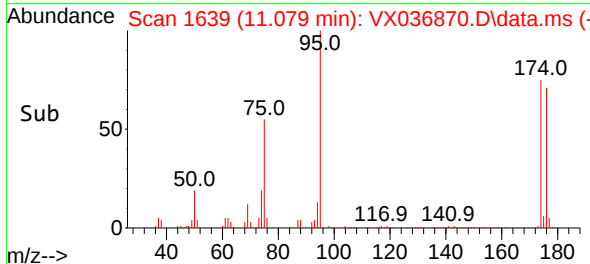
Instrument :
MSVOA_X
ClientSampleId :
MW-10W



Tgt Ion: 95 Resp: 114558
Ion Ratio Lower Upper
95 100
174 71.3 0.0 135.6
176 68.8 0.0 131.0

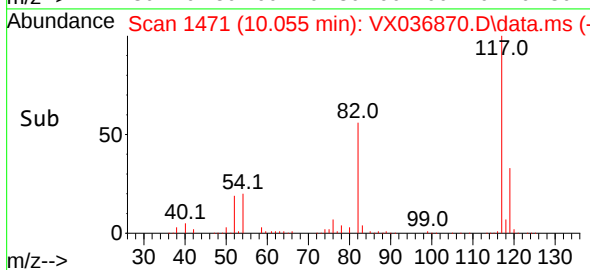
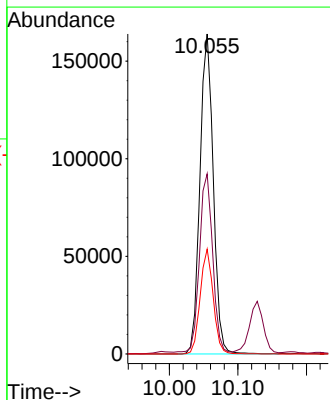
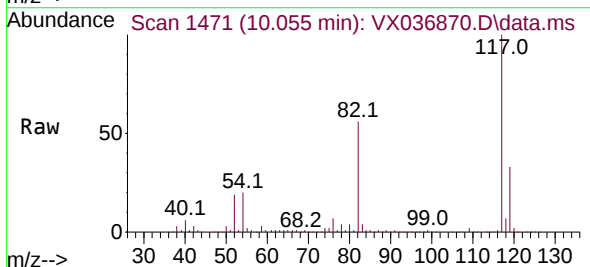
Manual Integrations
APPROVED

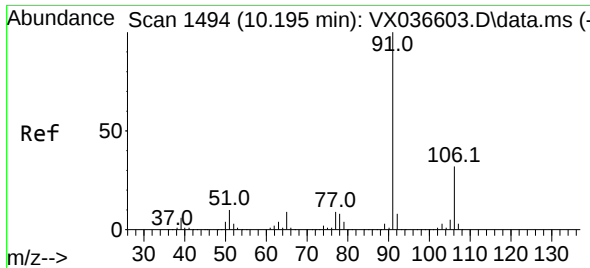
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036870.D
Acq: 08 Aug 2023 17:39

Tgt Ion:117 Resp: 222220
Ion Ratio Lower Upper
117 100
82 55.9 46.2 69.4
119 32.8 25.5 38.3





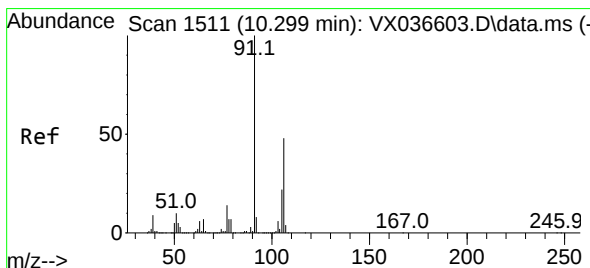
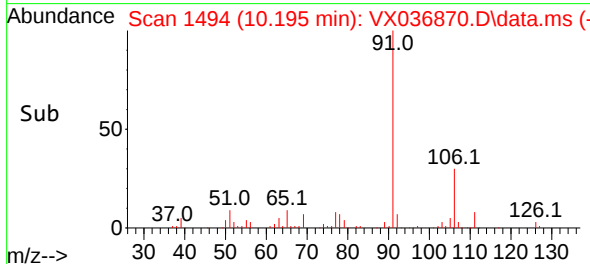
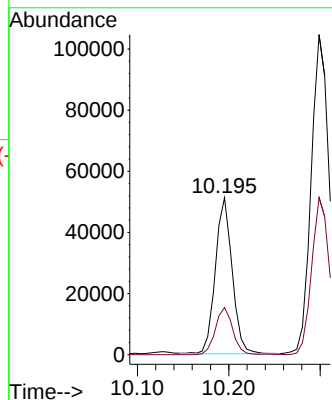
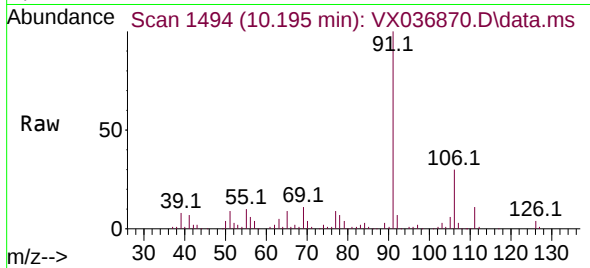
#67
Ethyl Benzene
Concen: 7.275 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036870.D
Acq: 08 Aug 2023 17:39

Instrument :
MSVOA_X
ClientSampleId :
MW-10W

Tgt Ion: 91 Resp: 6510
Ion Ratio Lower Upper
91 100
106 30.2 24.9 37.3

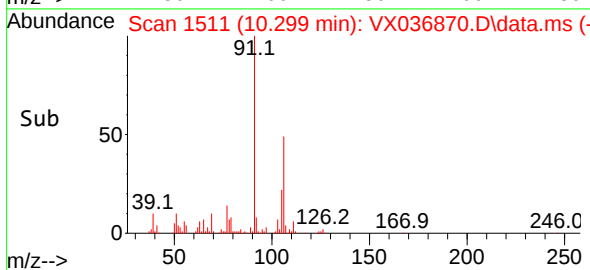
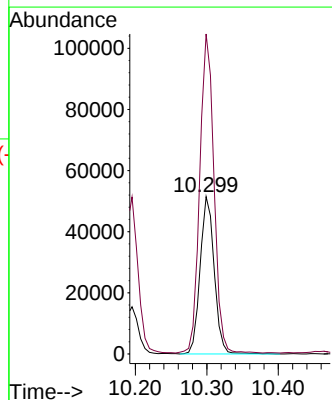
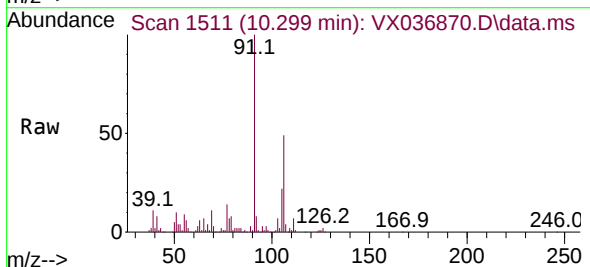
Manual Integrations
APPROVED

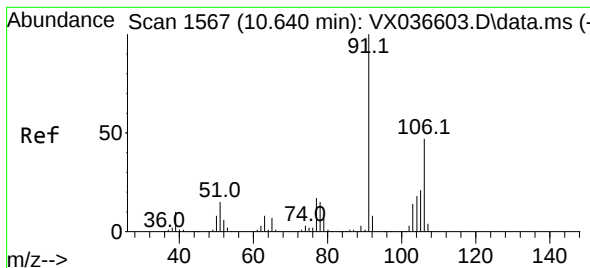
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#68
m/p-Xylenes
Concen: 21.060 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036870.D
Acq: 08 Aug 2023 17:39

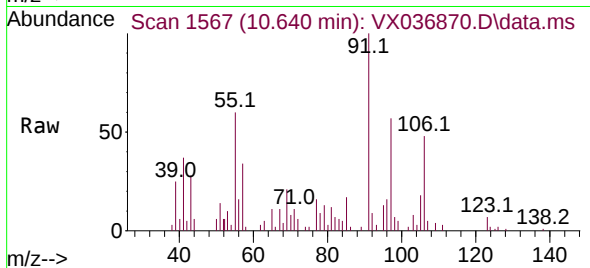
Tgt Ion:106 Resp: 70313
Ion Ratio Lower Upper
106 100
91 204.5 165.5 248.3





#69
o-Xylene
Concen: 0.971 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036870.D
Acq: 08 Aug 2023 17:39

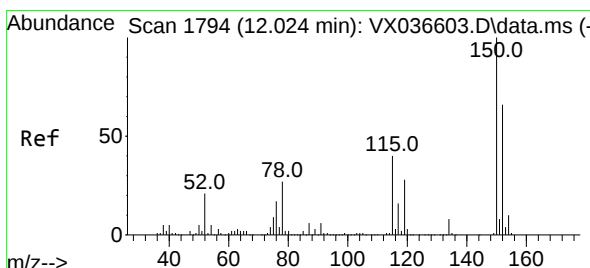
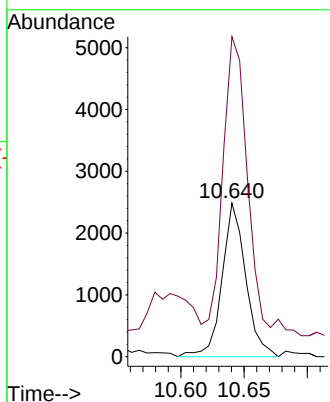
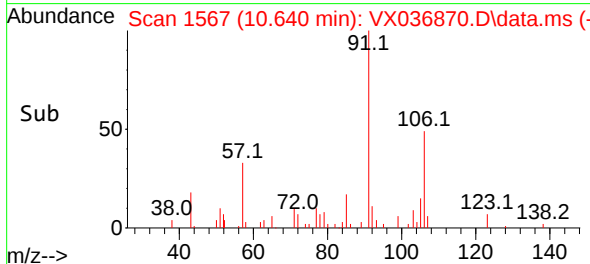
Instrument :
MSVOA_X
ClientSampleId :
MW-10W



Tgt Ion:106 Resp: 3230
Ion Ratio Lower Upper
106 100
91 218.2 108.9 326.8

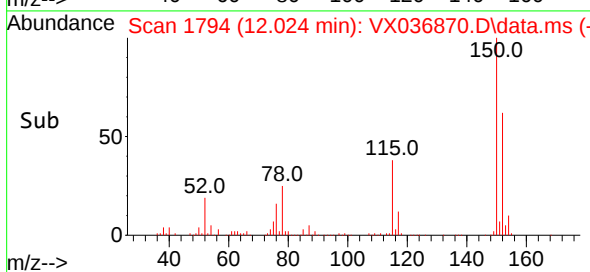
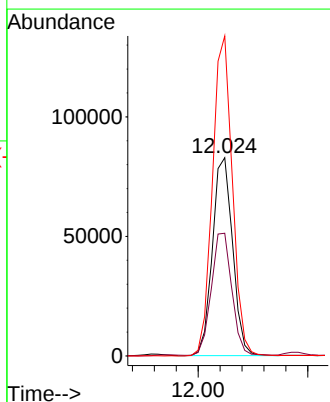
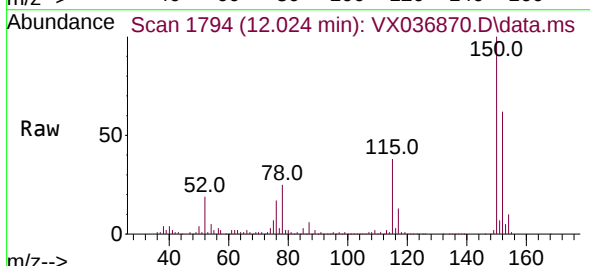
Manual Integrations
APPROVED

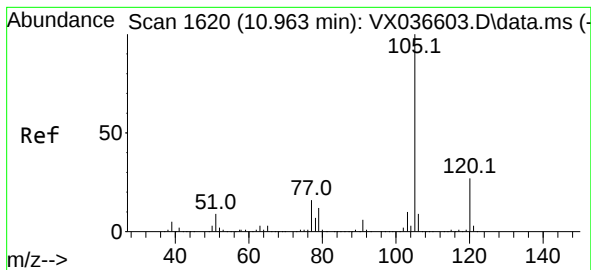
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036870.D
Acq: 08 Aug 2023 17:39

Tgt Ion:152 Resp: 105976
Ion Ratio Lower Upper
152 100
115 62.5 43.3 129.9
150 159.1 0.0 345.0





#73

Isopropylbenzene

Concen: 5.123 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX036870.D

Acq: 08 Aug 2023 17:39

Instrument :

MSVOA_X

ClientSampleId :

MW-10W

Tgt Ion:105 Resp: 4493

Ion Ratio Lower Upper

105 100

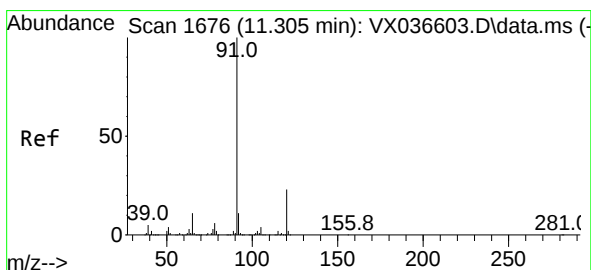
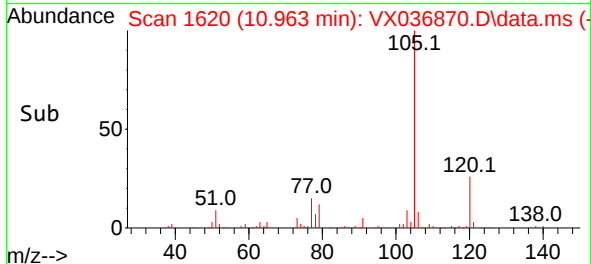
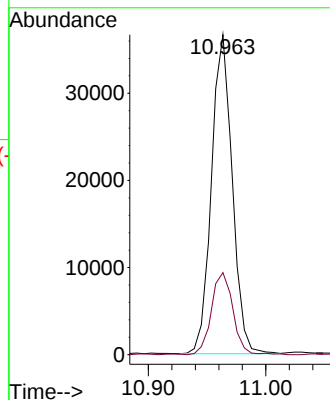
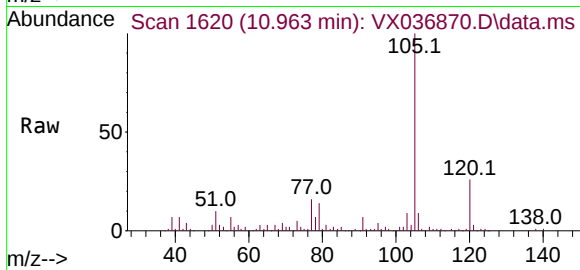
120 26.7 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#78

n-propylbenzene

Concen: 13.269 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX036870.D

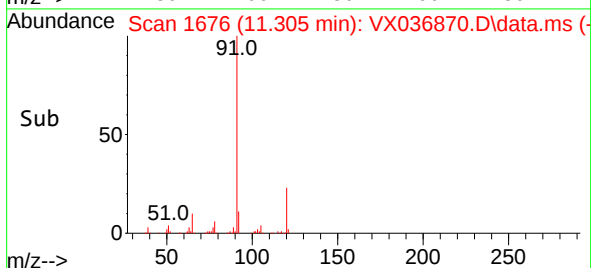
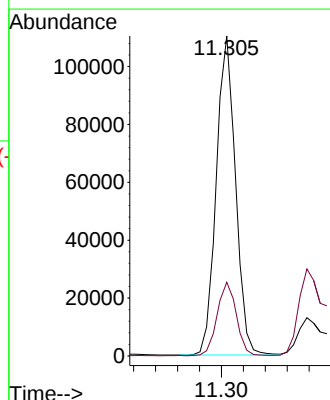
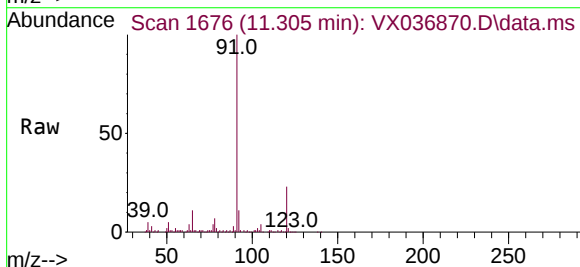
Acq: 08 Aug 2023 17:39

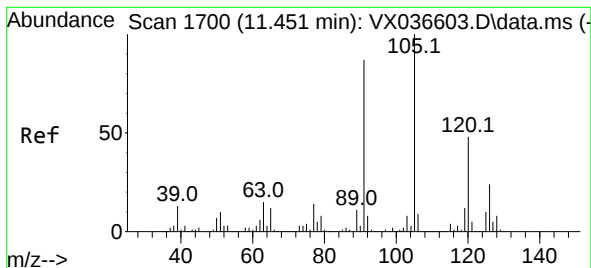
Tgt Ion: 91 Resp: 134591

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 8.170 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX036870.D

Acq: 08 Aug 2023 17:39

Instrument :

MSVOA_X

ClientSampleId :

MW-10W

Tgt Ion:105 Resp: 5994

Ion Ratio Lower Upper

105 100

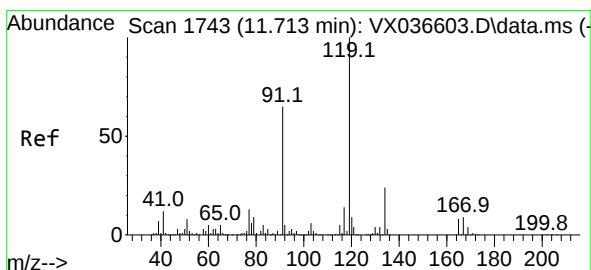
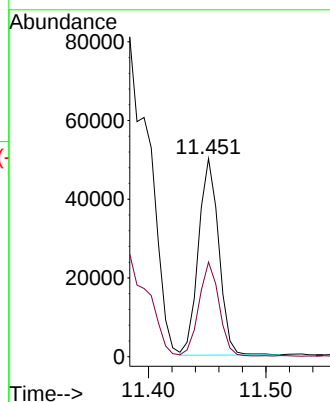
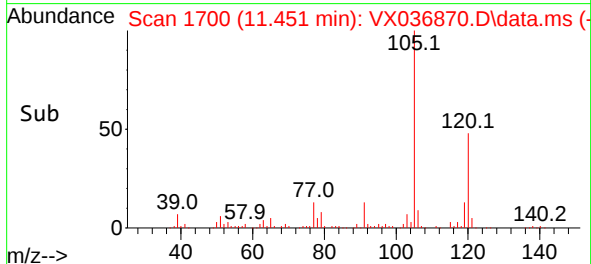
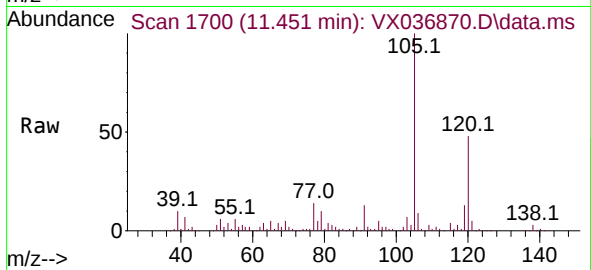
120 47.1 24.1 72.3

Manual Integrations

APPROVED

Reviewed By :John Carbone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#83

tert-Butylbenzene

Concen: 1.443 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX036870.D

Acq: 08 Aug 2023 17:39

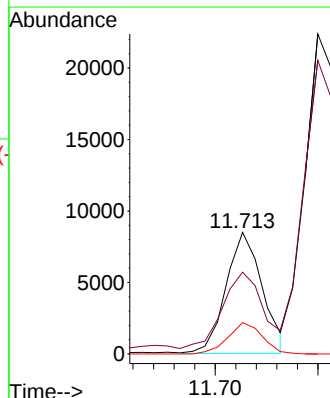
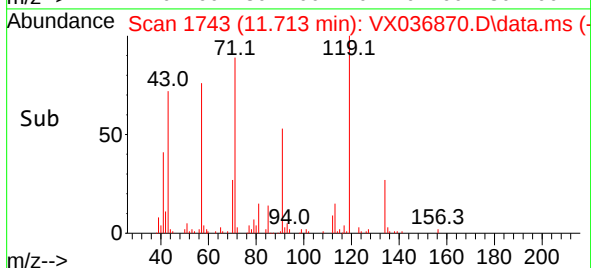
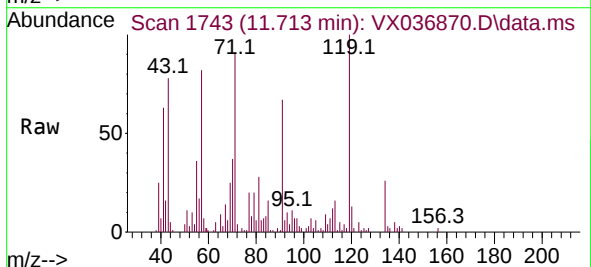
Tgt Ion:119 Resp: 10399

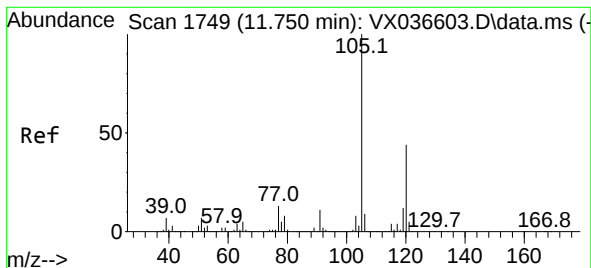
Ion Ratio Lower Upper

119 100

91 70.0 31.2 93.6

134 24.5 11.7 35.0





#84

1,2,4-Trimethylbenzene

Concen: 31.113 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX036870.D

Acq: 08 Aug 2023 17:39

Instrument :

MSVOA_X

ClientSampleId :

MW-10W

Tgt Ion:105 Resp: 228299

Ion Ratio Lower Upper

105 100

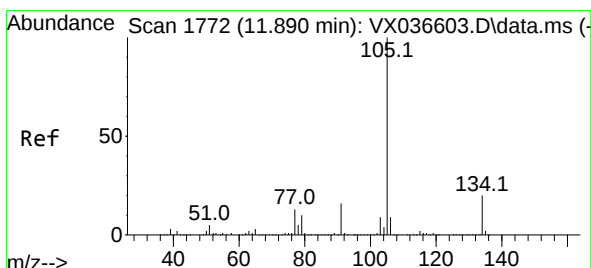
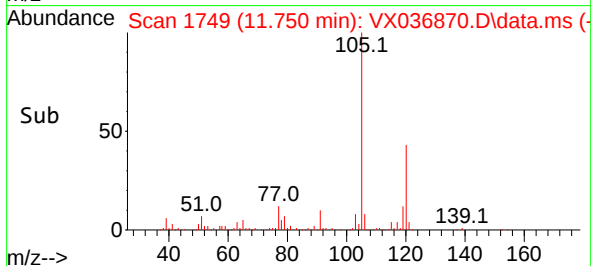
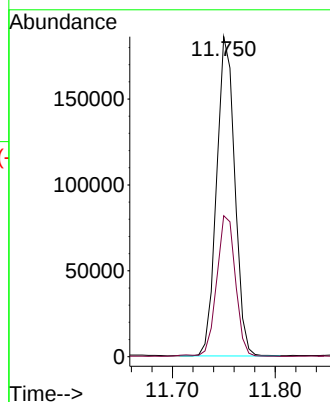
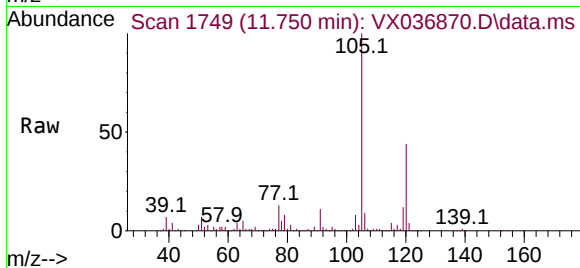
120 45.5 21.2 63.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#85

sec-Butylbenzene

Concen: 10.037 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX036870.D

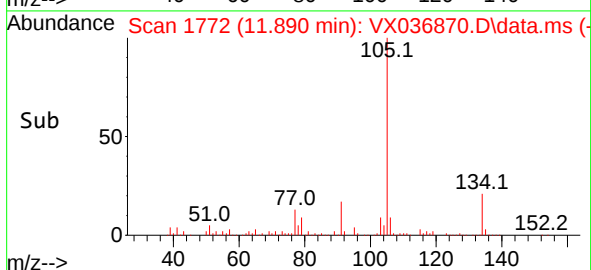
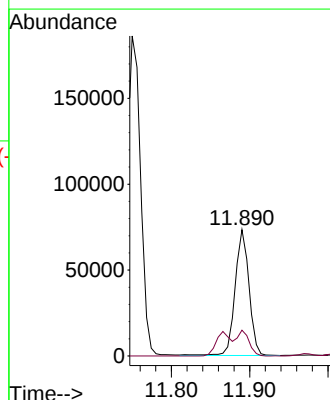
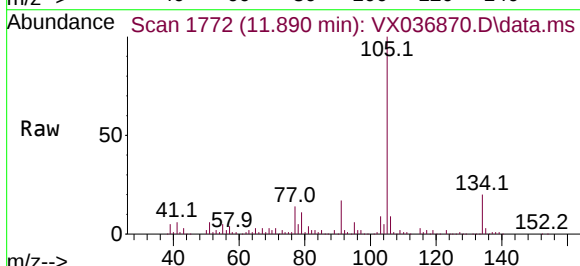
Acq: 08 Aug 2023 17:39

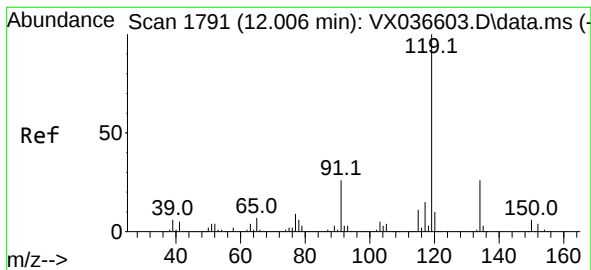
Tgt Ion:105 Resp: 90220

Ion Ratio Lower Upper

105 100

134 17.8 9.8 29.4





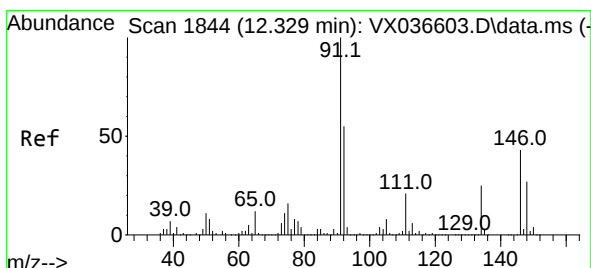
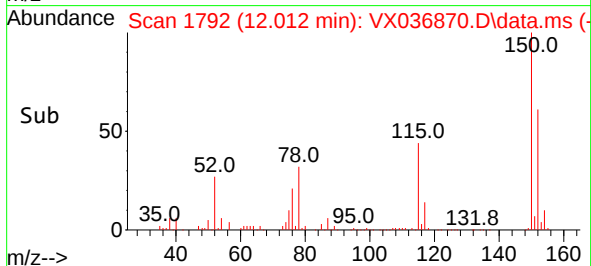
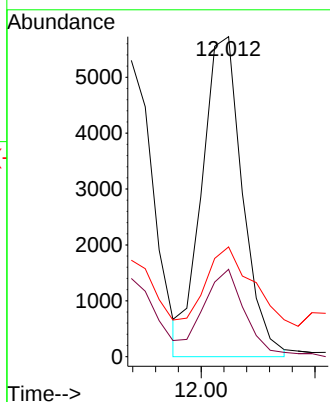
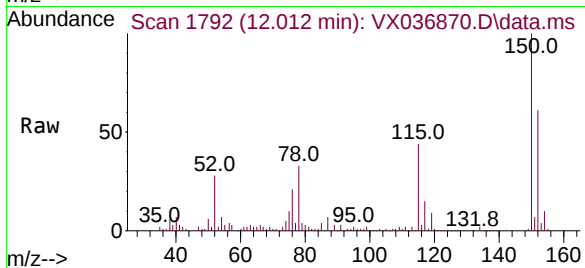
#86
p-Isopropyltoluene
Concen: 0.961 ug/l m
RT: 12.012 min Scan# 119
Delta R.T. 0.006 min
Lab File: VX036870.D
Acq: 08 Aug 2023 17:39

Instrument :
MSVOA_X
ClientSampleId :
MW-10W

Tgt Ion: 119 Resp: 710
Ion Ratio Lower Upper
119 100
134 119.1 12.8 38.3
91 113.7 13.1 39.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#89
n-Butylbenzene
Concen: 12.290 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX036870.D
Acq: 08 Aug 2023 17:39

Tgt Ion: 91 Resp: 81377
Ion Ratio Lower Upper
91 100
92 33.5 27.4 82.0
134 80.7 12.6 37.8

