

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092723\
 Data File : VX037921.D
 Acq On : 27 Sep 2023 14:07
 Operator : JC/MD
 Sample : 04614-01 20X
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AUD-1053

Quant Time: Sep 28 01:59:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 09/28/2023
 Supervised By :Semsettin Yesilyurt 09/28/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	249634	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	421220	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	446313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	248723	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	144453	44.043	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.080%		
35) Dibromofluoromethane	5.385	113	123696	43.889	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.780%		
50) Toluene-d8	8.653	98	577606	55.157	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	110.320%		
62) 4-Bromofluorobenzene	11.079	95	230841	60.662	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	121.320%		
Target Compounds					Qvalue	
22) Diisopropyl ether	3.764	45	13076	1.548	ug/l #	57
31) Cyclohexane	5.501	56	1488244	353.533	ug/l #	69
39) Methylcyclohexane	7.385	83	2884495	585.380	ug/l	95
40) Benzene	6.038	78	1891144	158.398	ug/l	100
52) Toluene	8.732	92	18945707	2462.231	ug/l #	64
67) Ethyl Benzene	10.201	91	10815079	647.965	ug/l #	76
68) m/p-Xylenes	10.317	106	15205408	2357.585	ug/l #	48
69) o-Xylene	10.646	106	6422619	993.061	ug/l	74
73) Isopropylbenzene	10.964	105	730105	40.011	ug/l	98
78) n-propylbenzene	11.305	91	2389319	115.942	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	2703038	175.408	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	8366048	545.651	ug/l	85
85) sec-Butylbenzene	11.890	105	135820m	7.188	ug/l	
86) p-Isopropyltoluene	12.012	119	79277m	5.036	ug/l	
95) Naphthalene	13.774	128	634170	37.033	ug/l	100

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

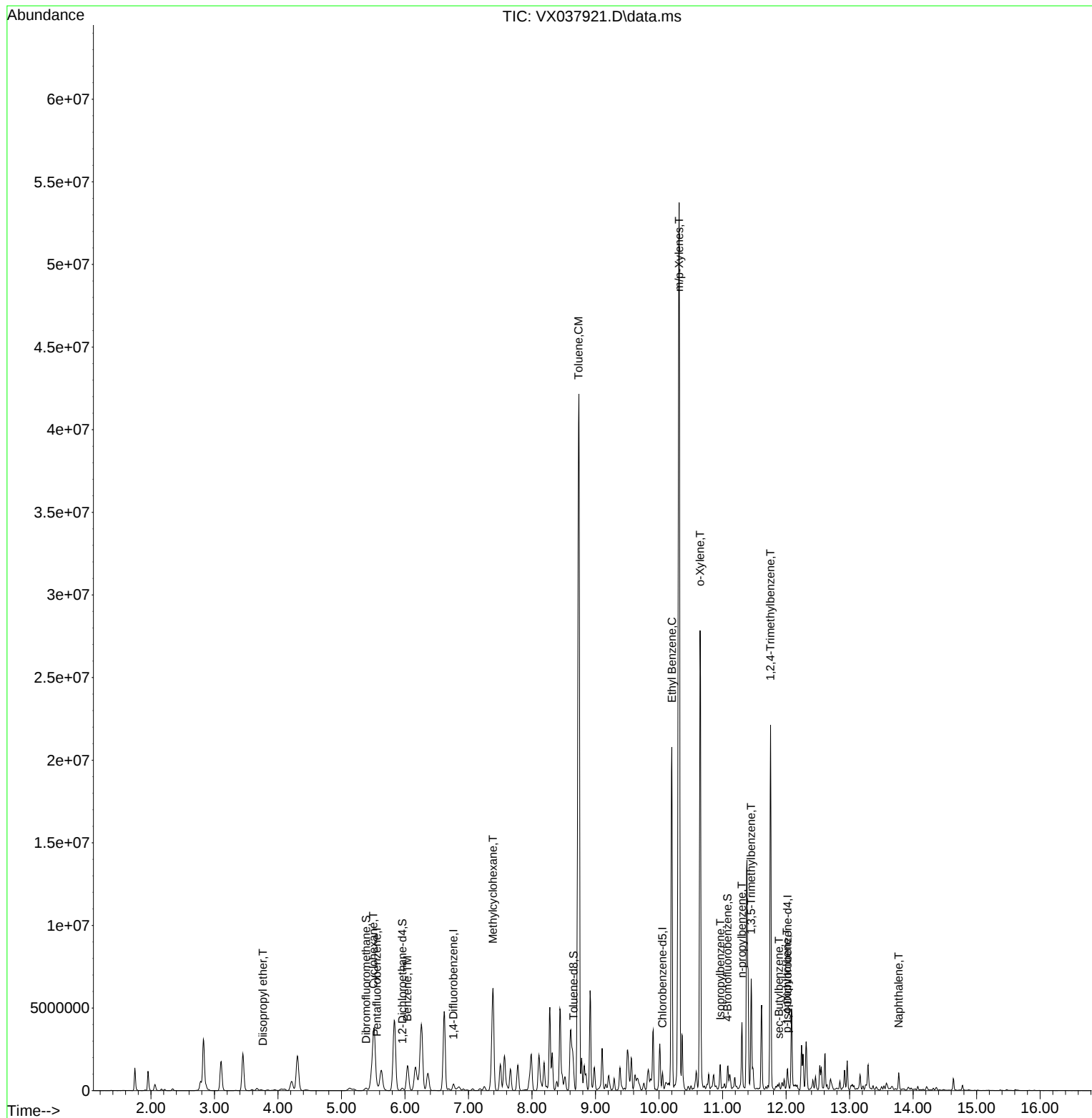
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092723\
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MSVOA_X
ClientSampleId :
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Quant Time: Sep 28 01:59:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
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QLast Update : Sat Sep 16 04:55:44 2023
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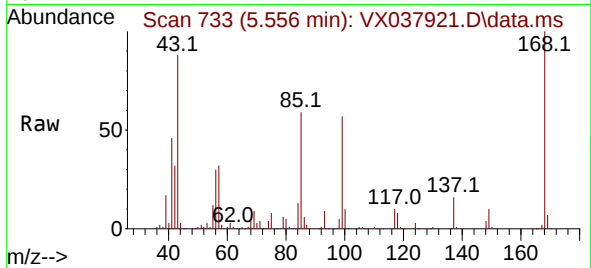
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07

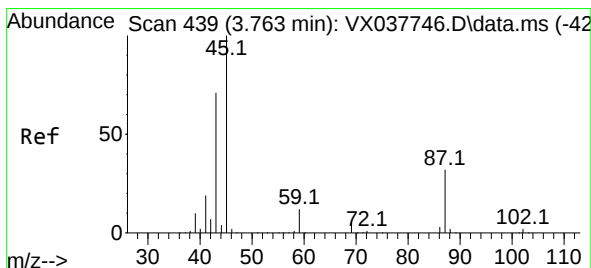
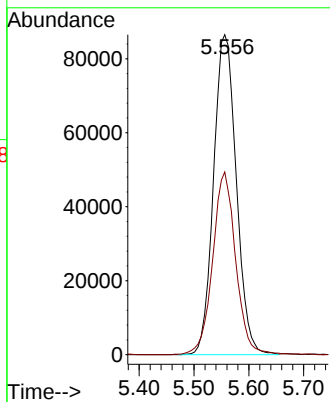
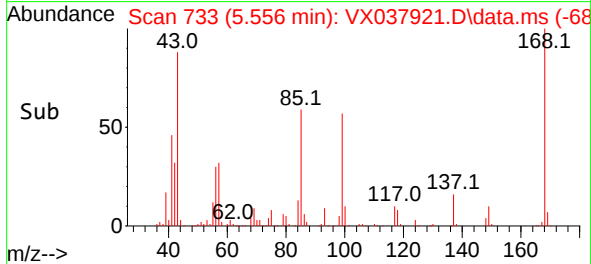
Instrument :
MSVOA_X
ClientSampleId :
AUD-1053



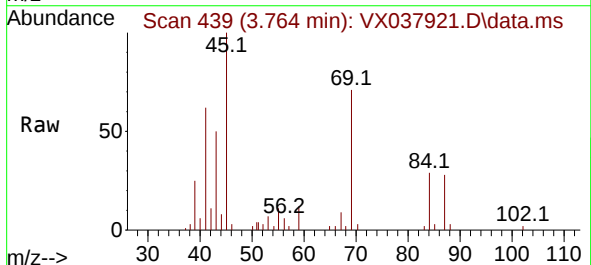
Tgt Ion:168 Resp: 249634
Ion Ratio Lower Upper
168 100
99 56.9 56.6 85.0

Manual Integrations
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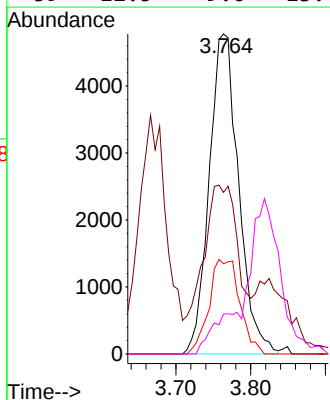
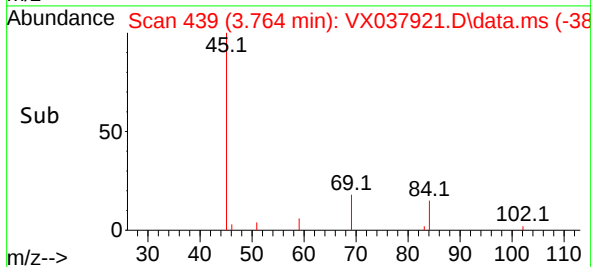
Reviewed By :John Carlone 09/28/2023
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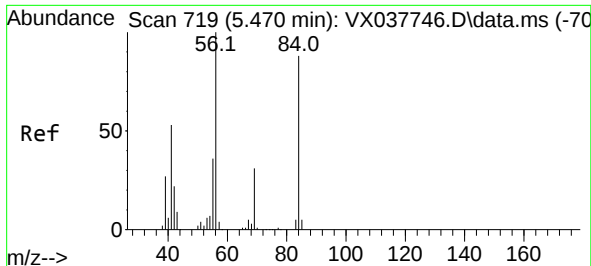


#22
Diisopropyl ether
Concen: 1.548 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07



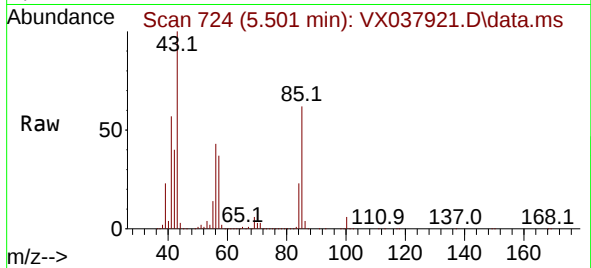
Tgt Ion: 45 Resp: 13076
Ion Ratio Lower Upper
45 100
43 31.8 69.7 104.5#
87 28.2 20.8 31.2
59 12.5 9.0 13.4





#31
Cyclohexane
Concen: 353.533 ug/l
RT: 5.501 min Scan# 719
Delta R.T. 0.031 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07

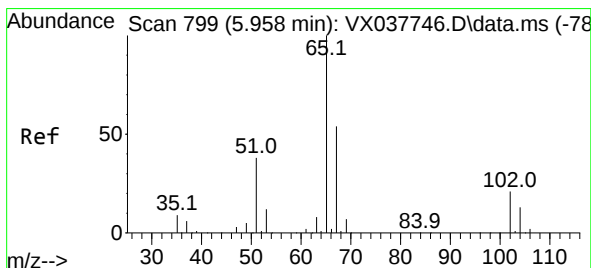
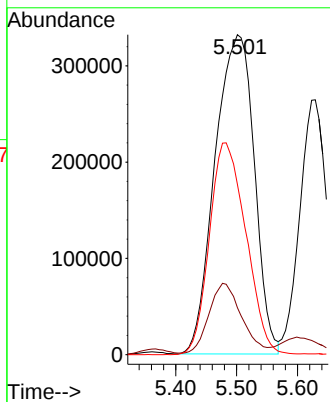
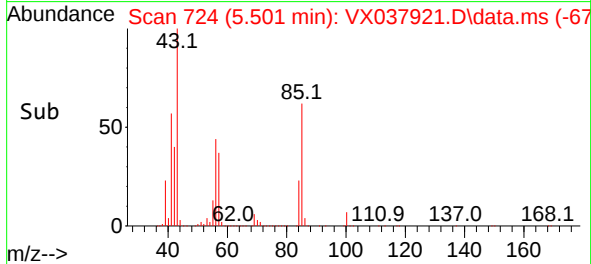
Instrument :
MSVOA_X
ClientSampleId :
AUD-1053



Tgt Ion: 56 Resp: 1488244
Ion Ratio Lower Upper
56 100
69 14.2 23.4 35.2
84 53.3 65.9 98.9

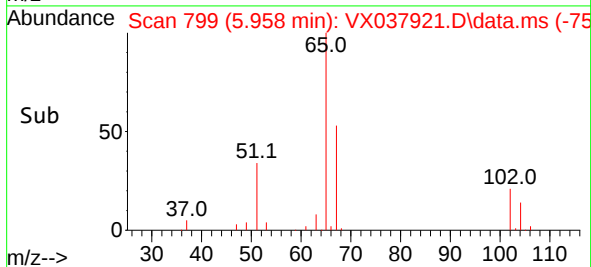
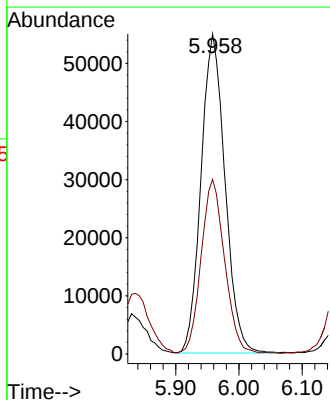
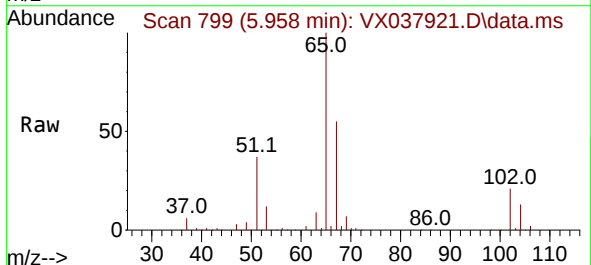
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#33
1,2-Dichloroethane-d4
Concen: 44.043 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07

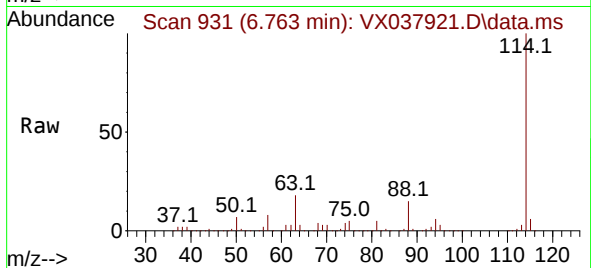
Tgt Ion: 65 Resp: 144453
Ion Ratio Lower Upper
65 100
67 53.0 0.0 100.2





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07

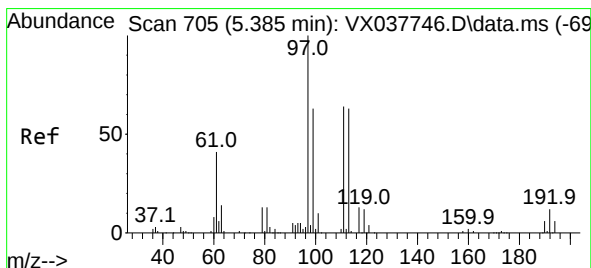
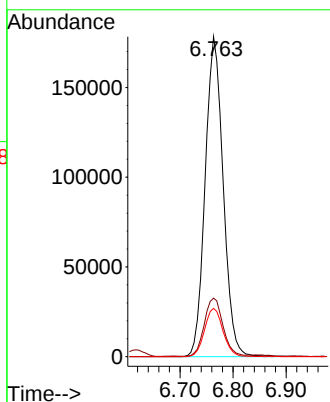
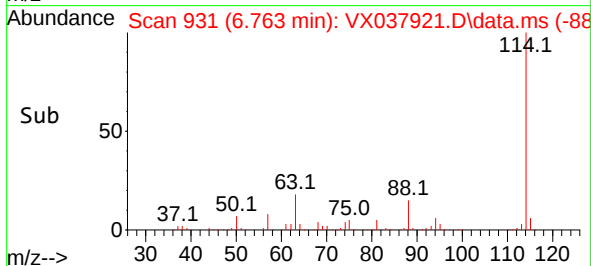
Instrument :
MSVOA_X
ClientSampleId :
AUD-1053



Tgt Ion:114 Resp: 421220
Ion Ratio Lower Upper
114 100
63 18.2 0.0 45.0
88 15.1 0.0 36.6

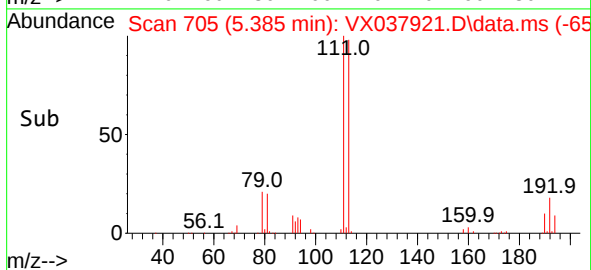
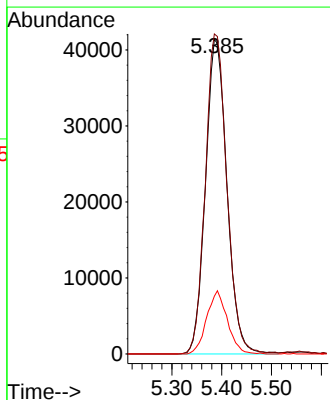
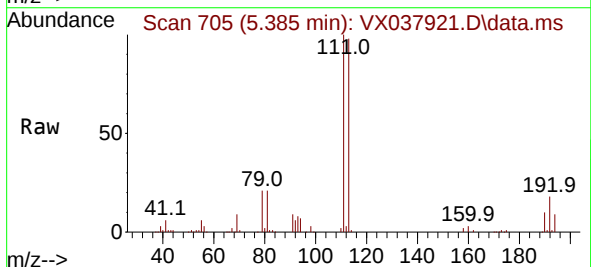
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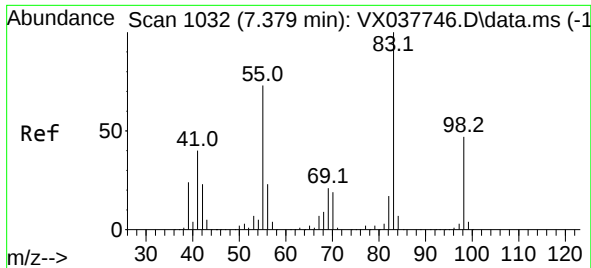
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#35
Dibromofluoromethane
Concen: 43.889 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07

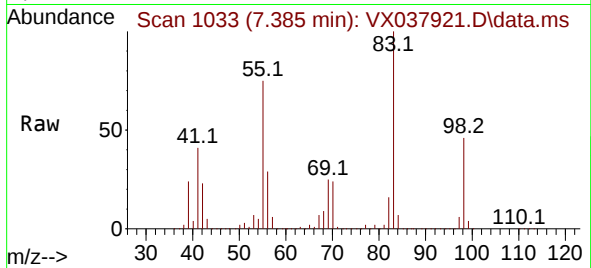
Tgt Ion:113 Resp: 123696
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 19.4 13.3 19.9





#39
Methylcyclohexane
Concen: 585.380 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07

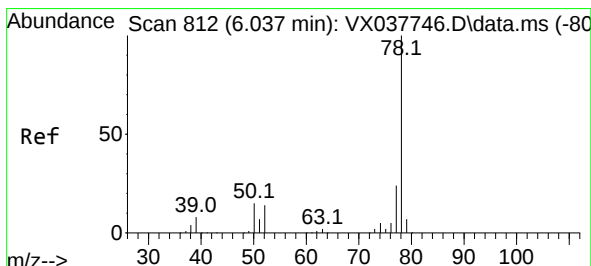
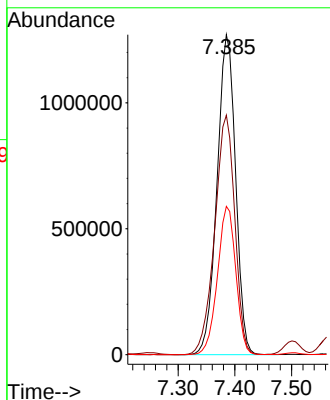
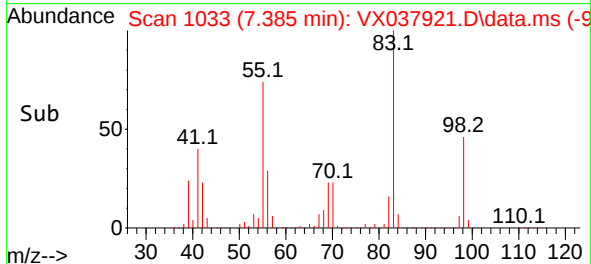
Instrument :
MSVOA_X
ClientSampleId :
AUD-1053



Tgt Ion: 83 Resp: 288449
Ion Ratio Lower Upper
83 100
55 74.8 64.6 97.0
98 46.4 36.7 55.1

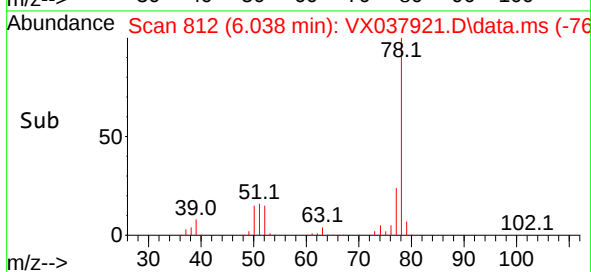
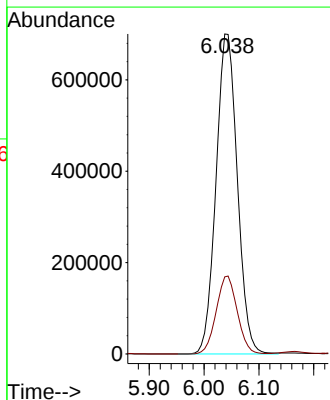
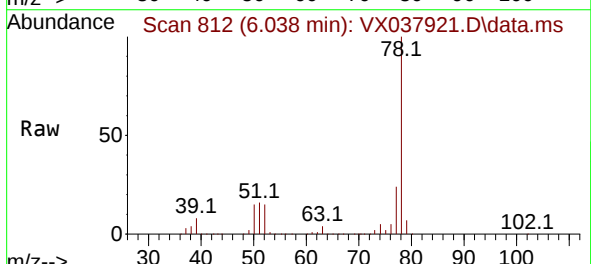
Manual Integrations
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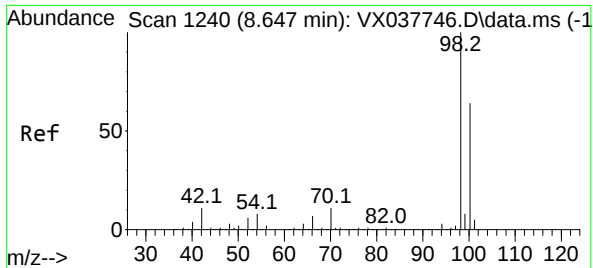
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#40
Benzene
Concen: 158.398 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07

Tgt Ion: 78 Resp: 1891144
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9





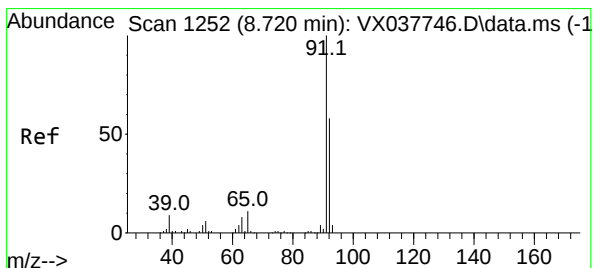
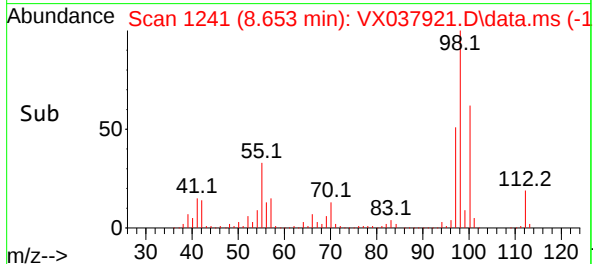
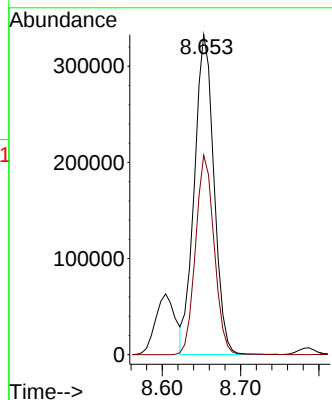
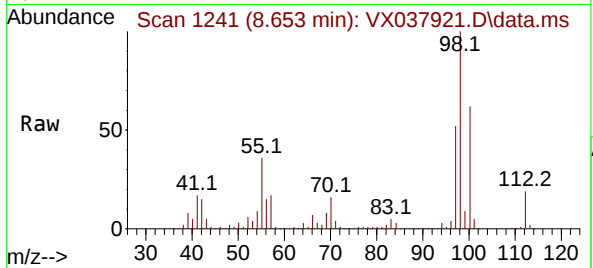
#50
Toluene-d8
Concen: 55.157 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07

Instrument :
MSVOA_X
ClientSampleId :
AUD-1053

Tgt Ion: 98 Resp: 577600
Ion Ratio Lower Upper
98 100
100 59.4 53.1 79.7

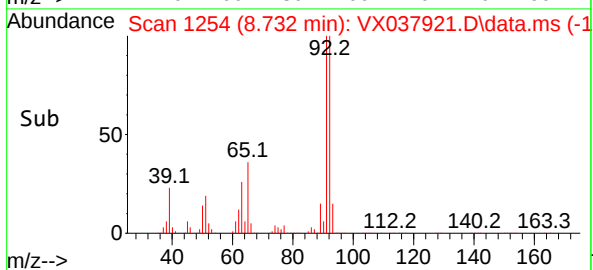
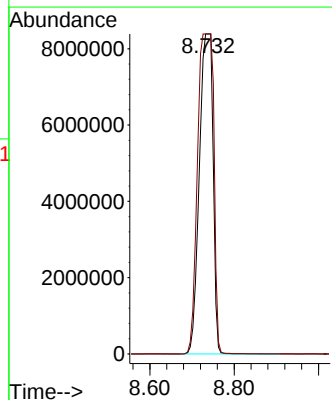
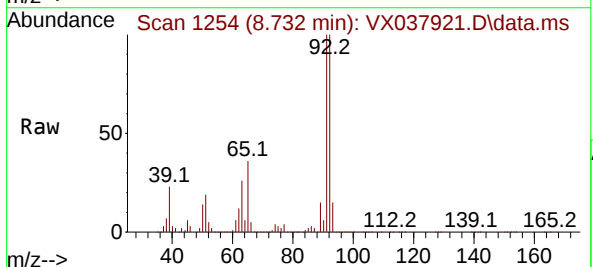
Manual Integrations
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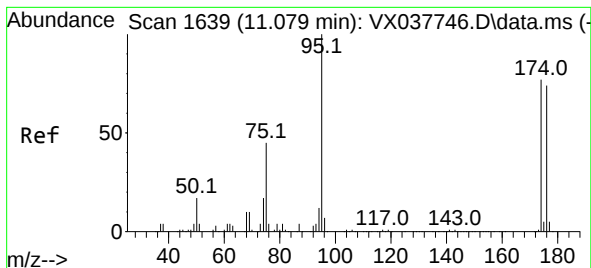
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#52
Toluene
Concen: 2462.231 ug/l
RT: 8.732 min Scan# 1254
Delta R.T. 0.012 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07

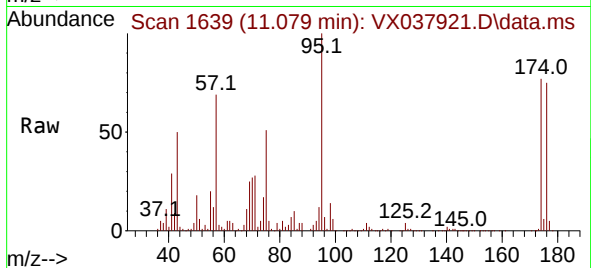
Tgt Ion: 92 Resp:18945707
Ion Ratio Lower Upper
92 100
91 118.5 134.2 201.2#





#62
4-Bromofluorobenzene
Concen: 60.662 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07

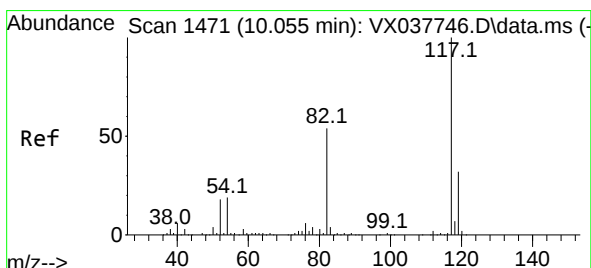
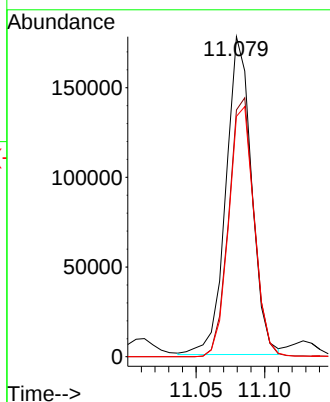
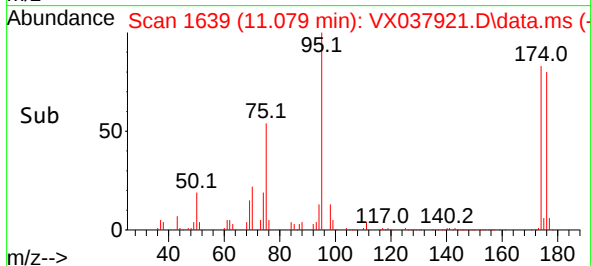
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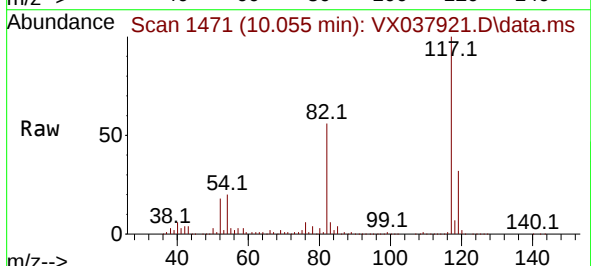
Tgt Ion: 95 Resp: 23084
Ion Ratio Lower Upper
95 100
174 81.0 0.0 135.6
176 78.7 0.0 131.0

Manual Integrations
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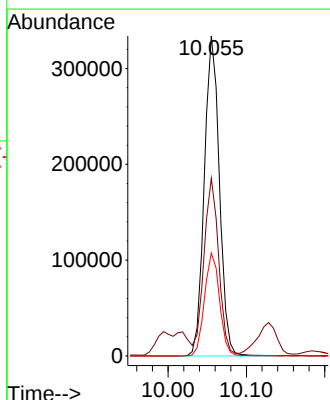
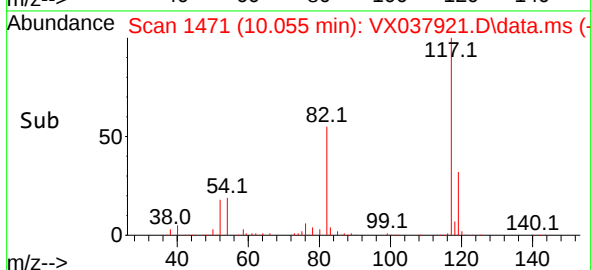
Reviewed By :John Carlone 09/28/2023
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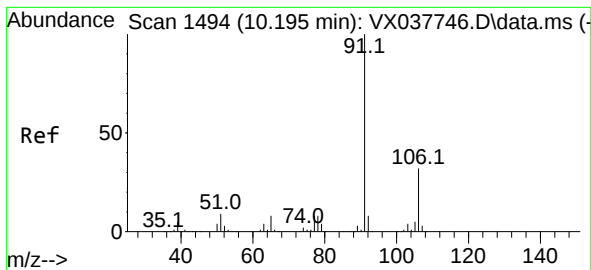


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07



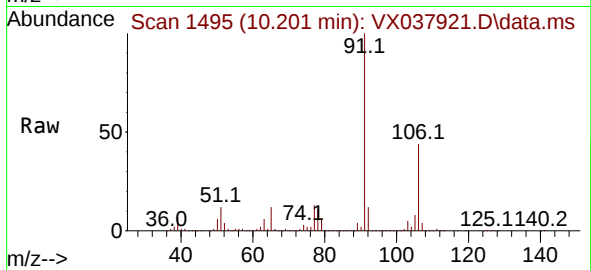
Tgt Ion:117 Resp: 446313
Ion Ratio Lower Upper
117 100
82 50.6 46.2 69.4
119 32.1 25.5 38.3





#67
Ethyl Benzene
Concen: 647.965 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07

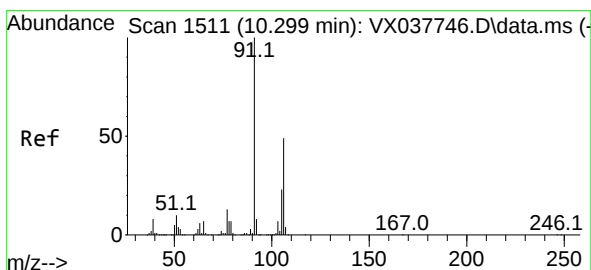
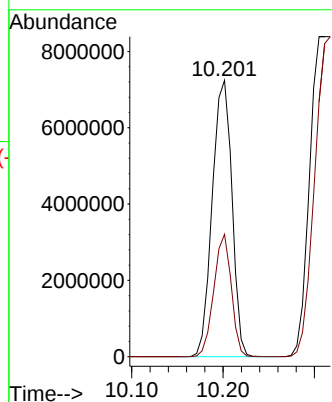
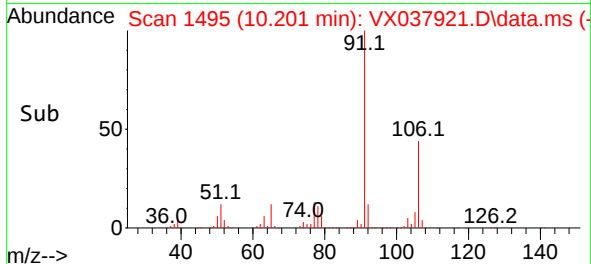
Instrument :
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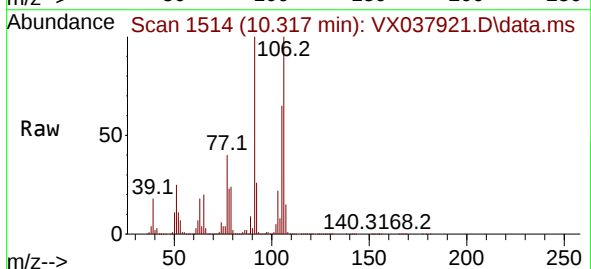
Tgt Ion: 91 Resp:10815079
Ion Ratio Lower Upper
91 100
106 44.3 24.9 37.3

Manual Integrations
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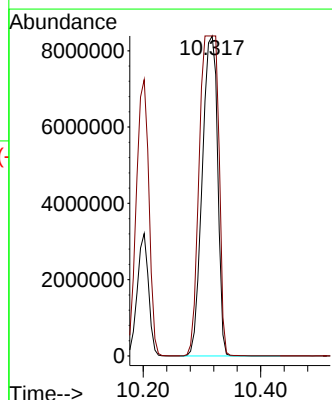
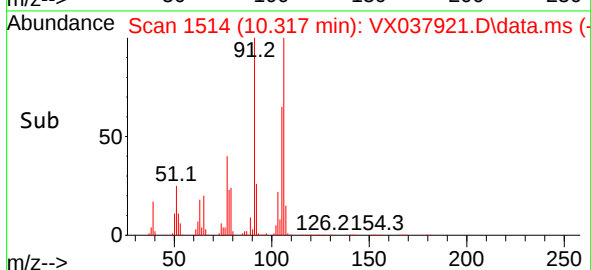
Reviewed By :John Carlone 09/28/2023
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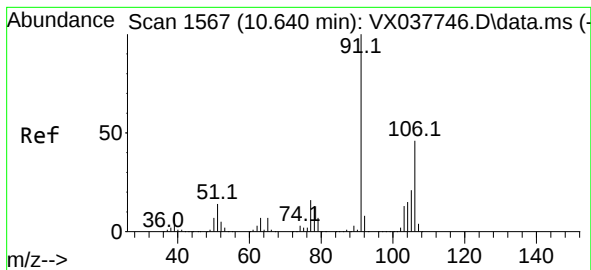


#68
m/p-Xylenes
Concen: 2357.585 ug/l
RT: 10.317 min Scan# 1514
Delta R.T. 0.012 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07



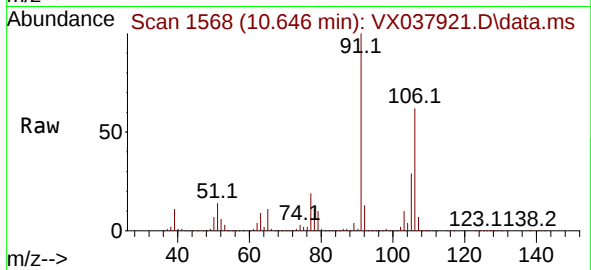
Tgt Ion:106 Resp:15205408
Ion Ratio Lower Upper
106 100
91 126.7 165.5 248.3





#69
o-Xylene
Concen: 993.061 ug/l
RT: 10.646 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07

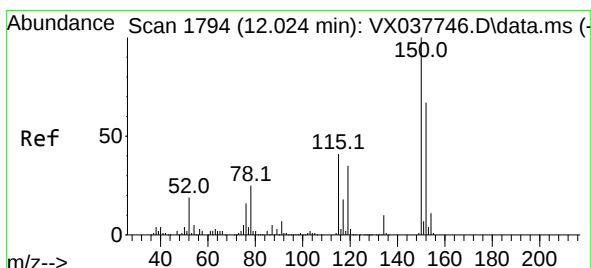
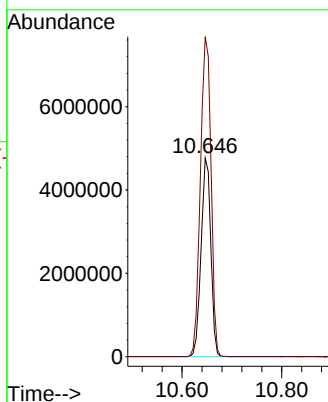
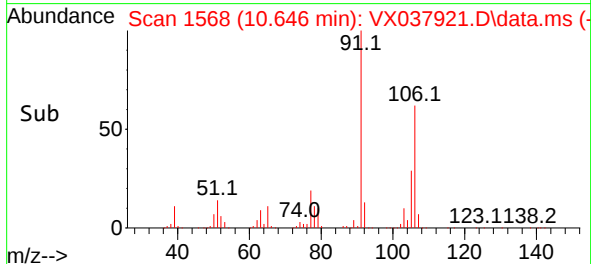
Instrument :
MSVOA_X
ClientSampleId :
AUD-1053



Tgt Ion:106 Resp: 6422619
Ion Ratio Lower Upper
106 100
91 176.4 108.9 326.8

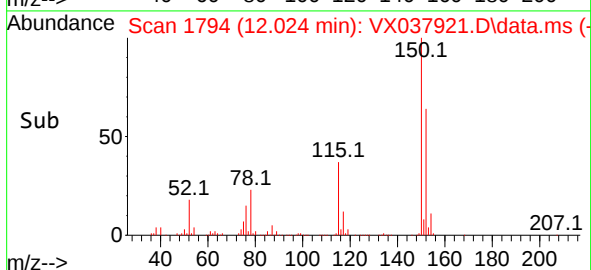
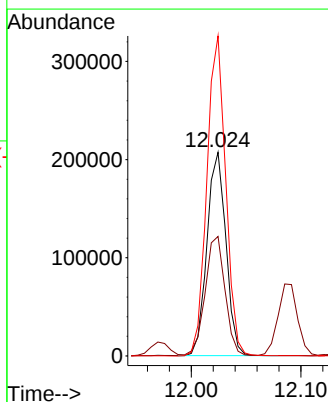
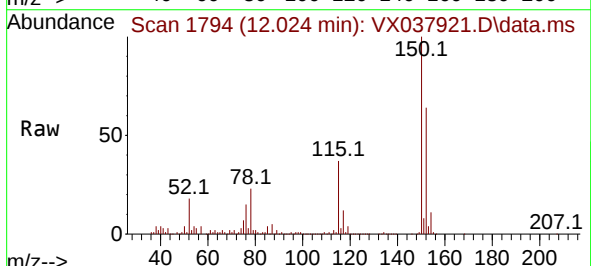
Manual Integrations
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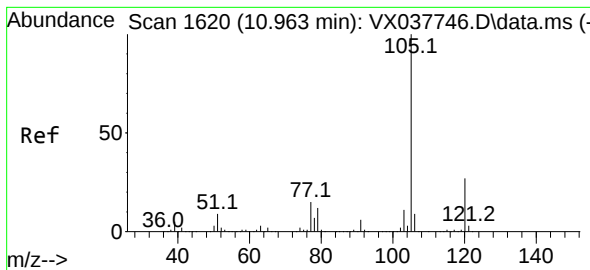
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07

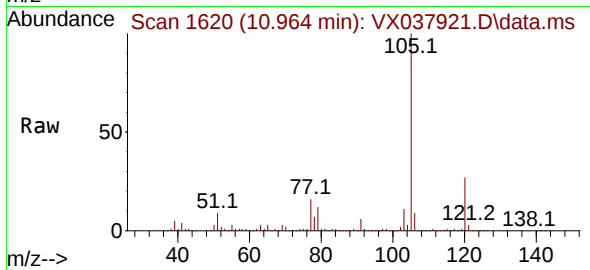
Tgt Ion:152 Resp: 248723
Ion Ratio Lower Upper
152 100
115 61.2 43.3 129.9
150 156.3 0.0 345.0





#73
Isopropylbenzene
Concen: 40.011 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07

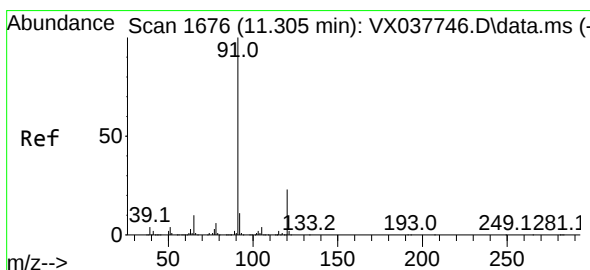
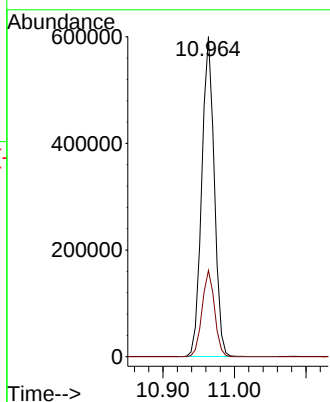
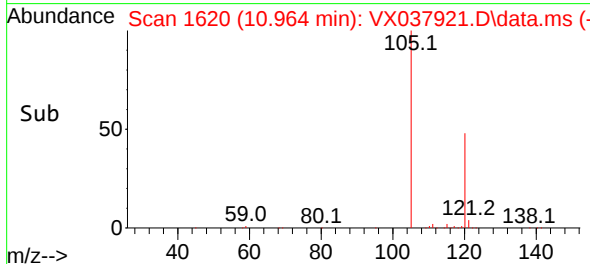
Instrument :
MSVOA_X
ClientSampleId :
AUD-1053



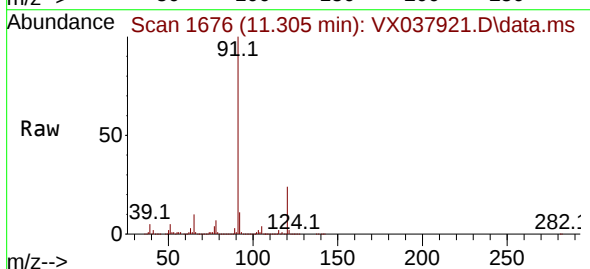
Tgt Ion:105 Resp: 730105
Ion Ratio Lower Upper
105 100
120 26.9 12.9 38.6

Manual Integrations
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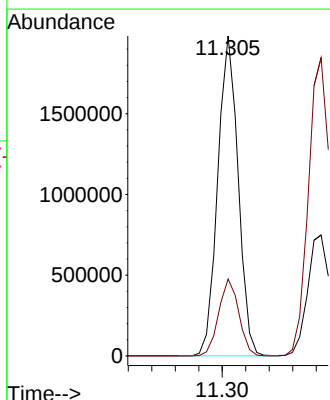
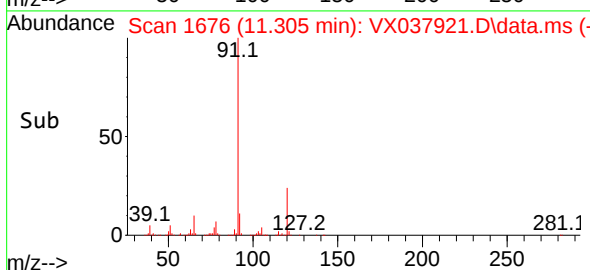
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

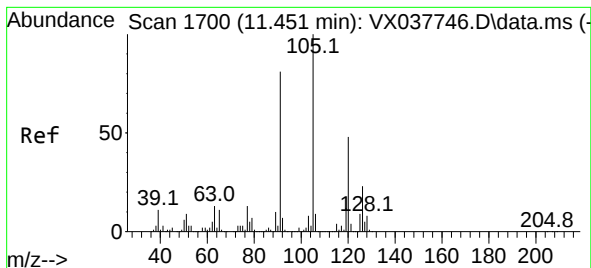


#78
n-propylbenzene
Concen: 115.942 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07



Tgt Ion: 91 Resp: 2389319
Ion Ratio Lower Upper
91 100
120 23.7 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 175.408 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX037921.D

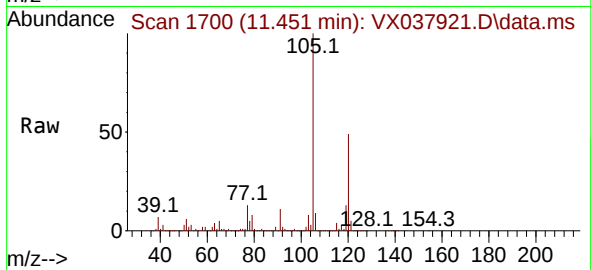
Acq: 27 Sep 2023 14:07

Instrument :

MSVOA_X

ClientSampleId :

AUD-1053



Tgt Ion:105 Resp: 2703038

Ion Ratio Lower Upper

105 100

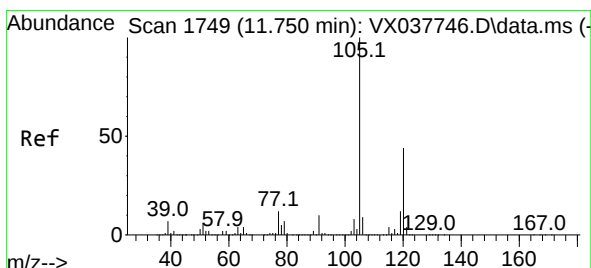
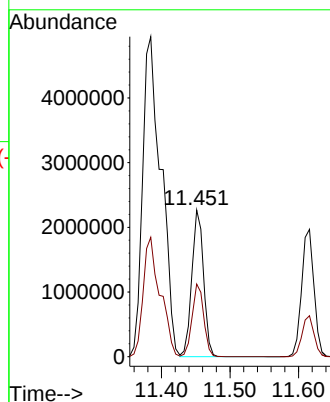
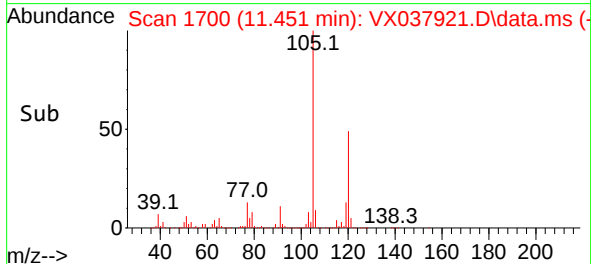
120 49.0 24.1 72.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#84

1,2,4-Trimethylbenzene

Concen: 545.651 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX037921.D

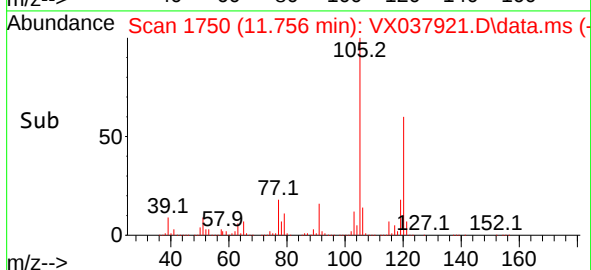
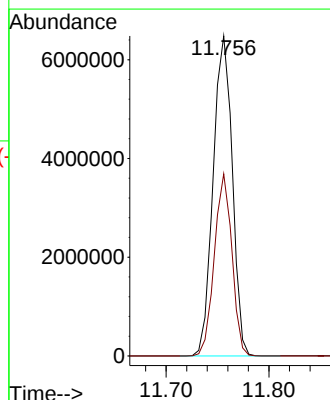
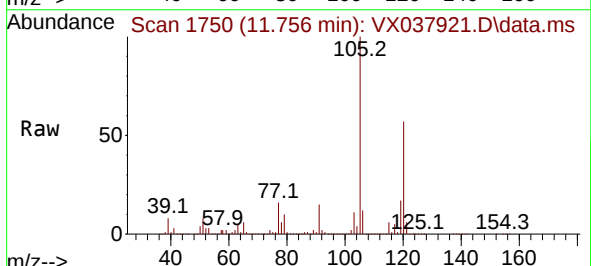
Acq: 27 Sep 2023 14:07

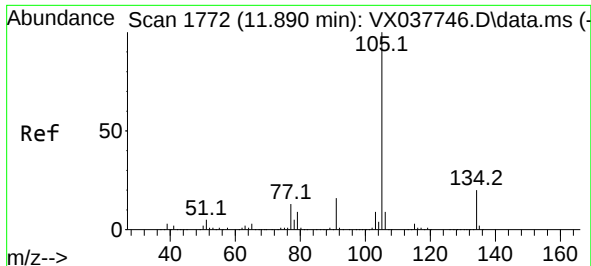
Tgt Ion:105 Resp: 8366048

Ion Ratio Lower Upper

105 100

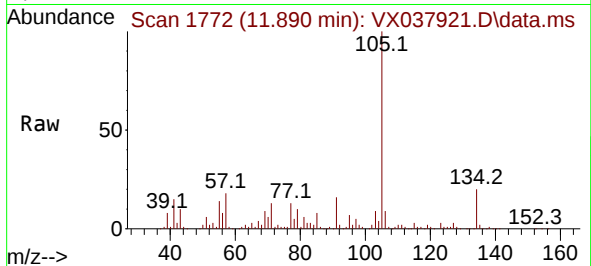
120 52.2 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 7.188 ug/l m
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037921.D
 Acq: 27 Sep 2023 14:07

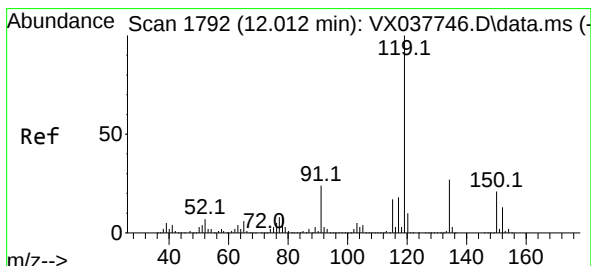
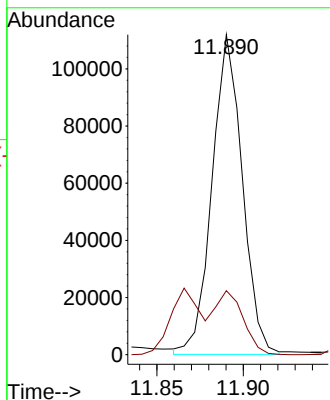
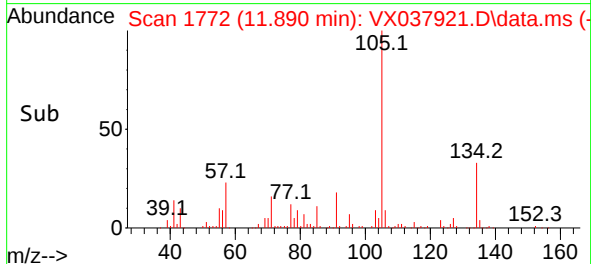
Instrument :
 MSVOA_X
 ClientSampleId :
 AUD-1053



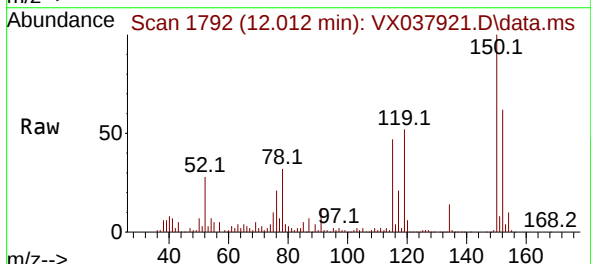
Tgt Ion:105 Resp: 135820
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.4#

Manual Integrations
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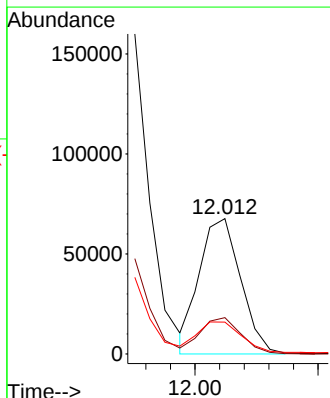
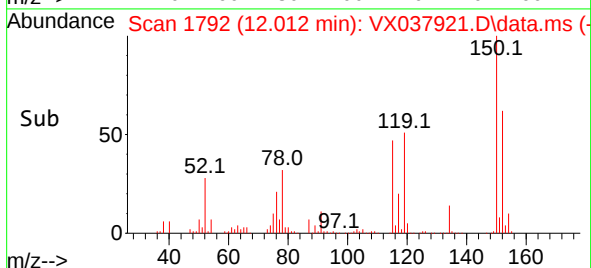
Reviewed By :John Carlone 09/28/2023
 Supervised By :Semsettin Yesilyurt 09/28/2023

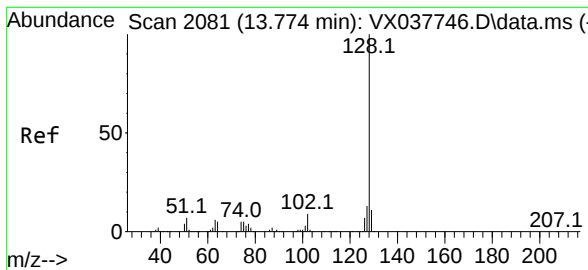


#86
 p-Isopropyltoluene
 Concen: 5.036 ug/l m
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX037921.D
 Acq: 27 Sep 2023 14:07



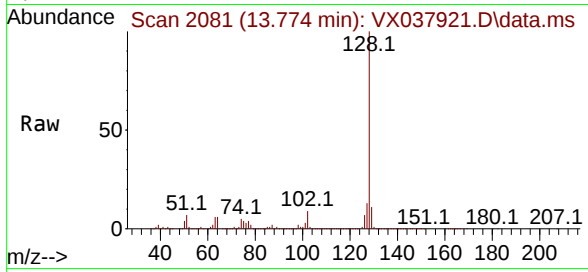
Tgt Ion:119 Resp: 79277
 Ion Ratio Lower Upper
 119 100
 134 82.2 12.8 38.3#
 91 70.2 13.1 39.3#





#95
Naphthalene
Concen: 37.033 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX037921.D
Acq: 27 Sep 2023 14:07

Instrument :
MSVOA_X
ClientSampleId :
AUD-1053



Tgt Ion:128 Resp: 634170
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.2 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

