

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092424\
 Data File : VX043123.D
 Acq On : 24 Sep 2024 15:26
 Operator : JC/MD
 Sample : P4144-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 5-SBG

Quant Time: Sep 25 01:29:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/01/2024
 Supervised By :Semsettin Yesilyurt 10/01/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	93188	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	178686	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	169620	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	84460	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83067	53.664	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.320%			
35) Dibromofluoromethane	5.385	113	63618	50.470	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.940%			
50) Toluene-d8	8.647	98	224106	52.551	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.100%			
62) 4-Bromofluorobenzene	11.079	95	87685	51.057	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.120%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.959	59	25538	73.893	ug/l	100
16) Acetone	2.380	43	311521	430.341	ug/l	100
18) Methyl Acetate	2.703	43	14856	7.625	ug/l	97
20) Methylene Chloride	2.794	84	63070	54.763	ug/l	97
25) 2-Butanone	4.568	43	20590	22.065	ug/l	93
31) Cyclohexane	5.471	56	13577	8.919	ug/l	94
39) Methylcyclohexane	7.379	83	6774	3.485	ug/l	96
40) Benzene	6.038	78	4208357	920.797	ug/l	100
43) Isopropyl Acetate	6.342	43	89222	27.457	ug/l	99
52) Toluene	8.720	92	1868439	634.806	ug/l	99
67) Ethyl Benzene	10.195	91	297451	46.994	ug/l	96
68) m/p-Xylenes	10.299	106	885411	375.888	ug/l	99
69) o-Xylene	10.640	106	831230	351.832	ug/l	98
73) Isopropylbenzene	10.963	105	18845	2.975	ug/l	97
78) n-propylbenzene	11.305	91	29159	4.058	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	314556	60.022	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	813526	156.031	ug/l	88

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

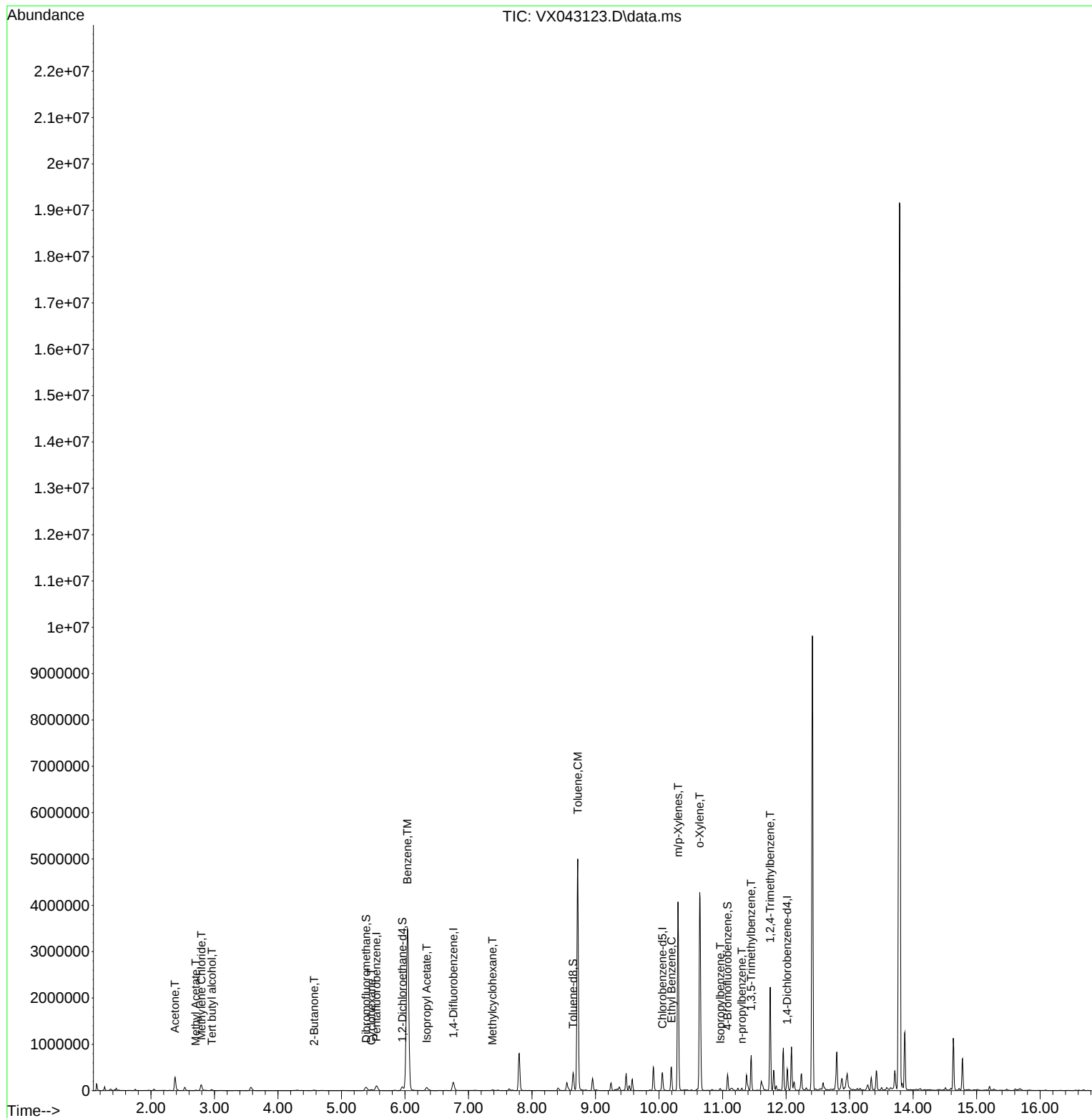
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092424\
Data File : VX043123.D
Acq On : 24 Sep 2024 15:26
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
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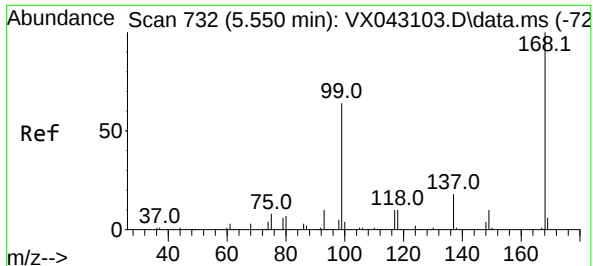
Instrument :
MSVOA_X
ClientSampleId :
5-SBG

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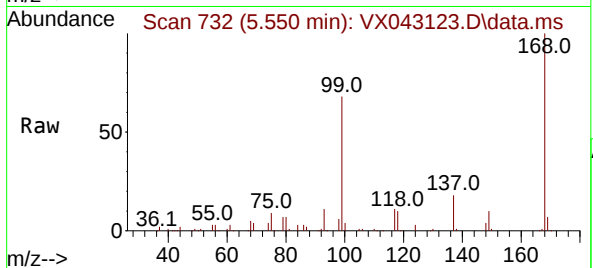
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 24 03:13:52 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX043123.D
Acq: 24 Sep 2024 15:26

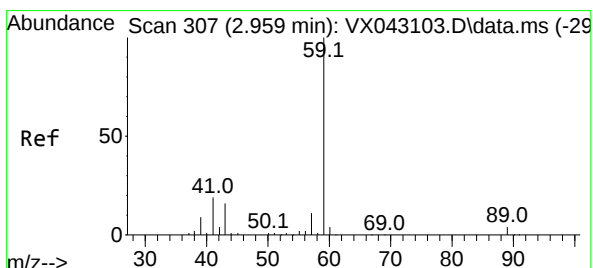
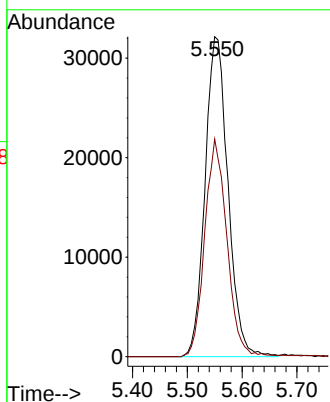
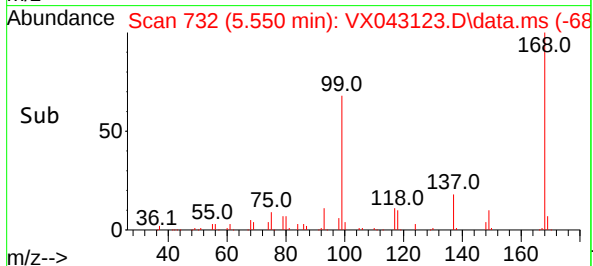
Instrument :
MSVOA_X
ClientSampleId :
5-SBG



Tgt Ion:168 Resp: 9318
Ion Ratio Lower Upper
168 100
99 68.0 50.8 76.2

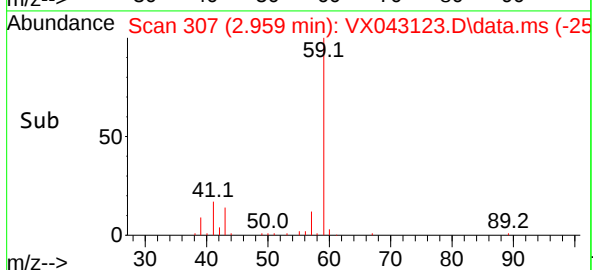
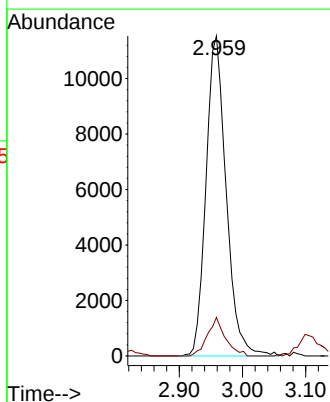
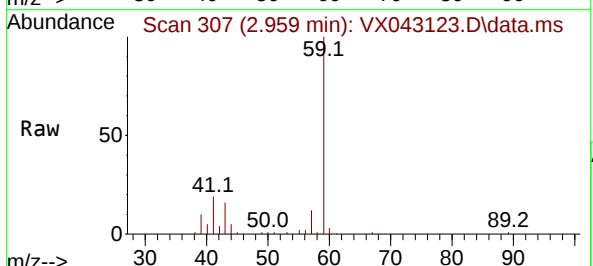
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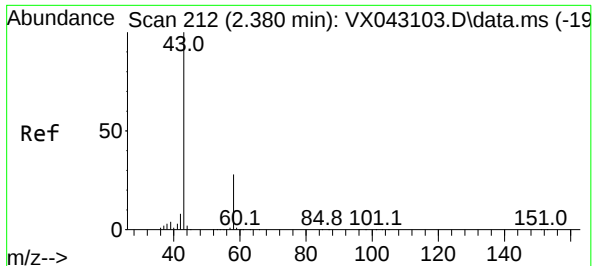
Reviewed By :Mahesh Dadoda 10/01/2024
Supervised By :Semsettin Yesilyurt 10/01/2024



#11
Tert butyl alcohol
Concen: 73.893 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.000 min
Lab File: VX043123.D
Acq: 24 Sep 2024 15:26

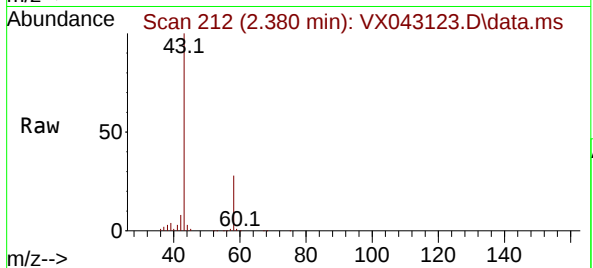
Tgt Ion: 59 Resp: 25538
Ion Ratio Lower Upper
59 100
57 10.7 8.6 13.0





#16
Acetone
Concen: 430.341 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX043123.D
Acq: 24 Sep 2024 15:26

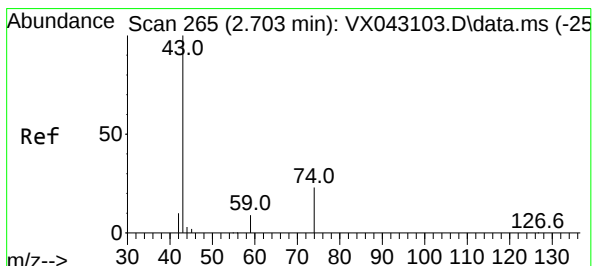
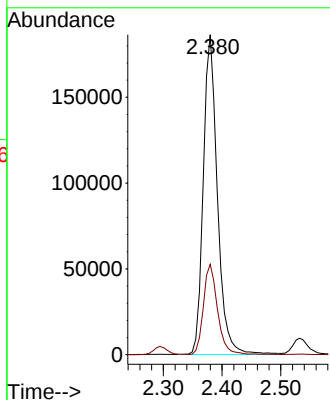
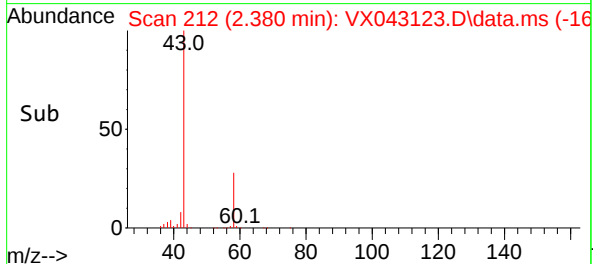
Instrument :
MSVOA_X
ClientSampleId :
5-SBG



Tgt Ion: 43 Resp: 31152
Ion Ratio Lower Upper
43 100
58 28.1 22.6 34.0

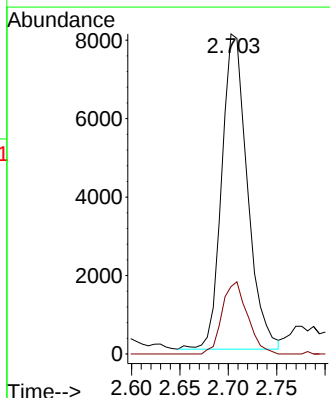
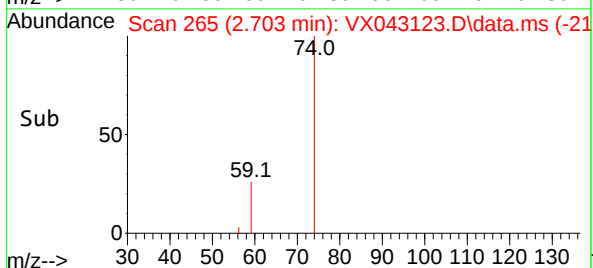
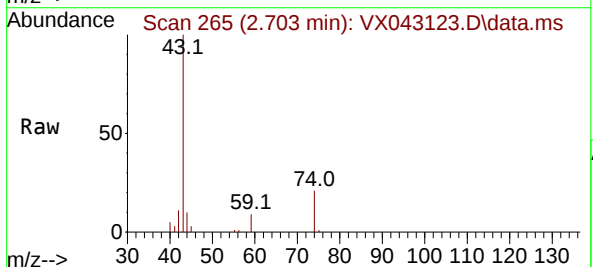
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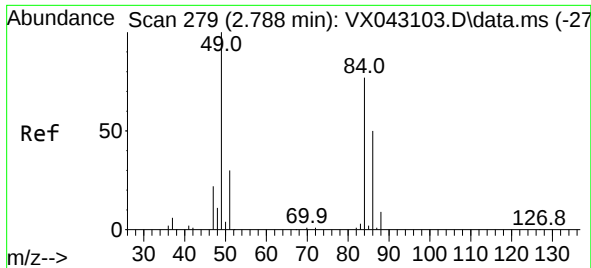
Reviewed By :Mahesh Dadoda 10/01/2024
Supervised By :Semsettin Yesilyurt 10/01/2024



#18
Methyl Acetate
Concen: 7.625 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX043123.D
Acq: 24 Sep 2024 15:26

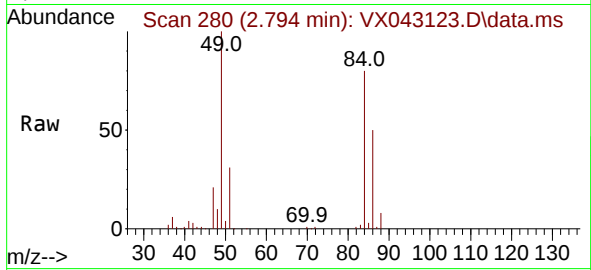
Tgt Ion: 43 Resp: 14856
Ion Ratio Lower Upper
43 100
74 22.5 19.2 28.8





#20
Methylene Chloride
Concen: 54.763 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX043123.D
Acq: 24 Sep 2024 15:26

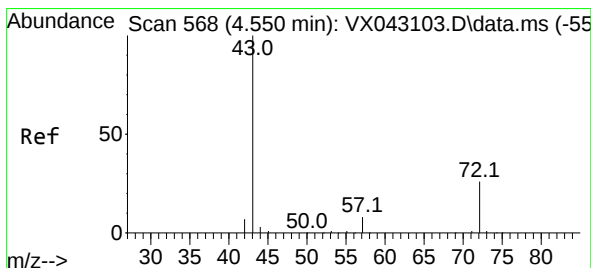
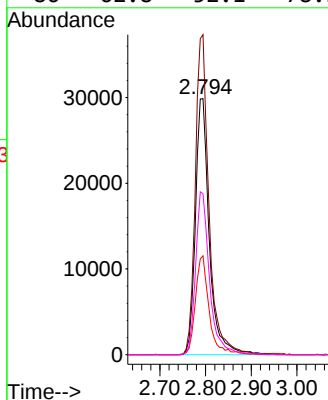
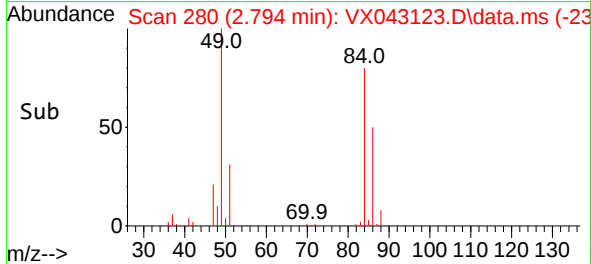
Instrument :
MSVOA_X
ClientSampleId :
5-SBG



Tgt Ion: 84 Resp: 63070
Ion Ratio Lower Upper
84 100
49 125.0 104.1 156.1
51 38.6 31.1 46.7
86 62.8 52.1 78.1

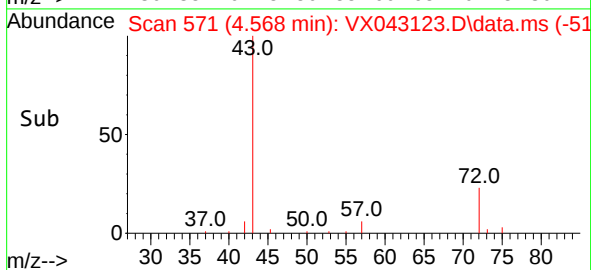
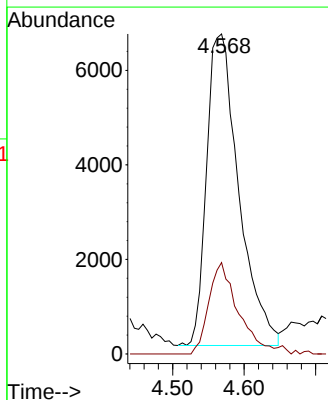
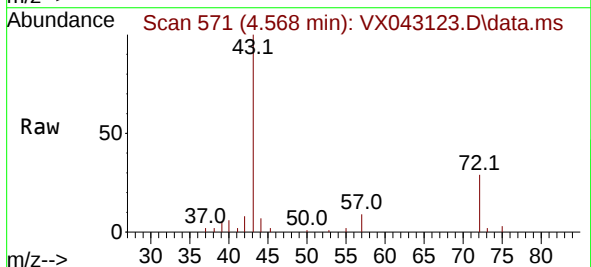
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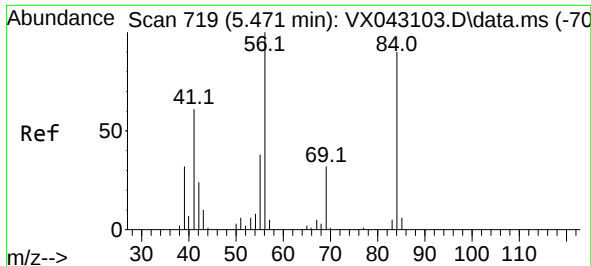
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Supervised By :Semsettin Yesilyurt 10/01/2024



#25
2-Butanone
Concen: 22.065 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.018 min
Lab File: VX043123.D
Acq: 24 Sep 2024 15:26

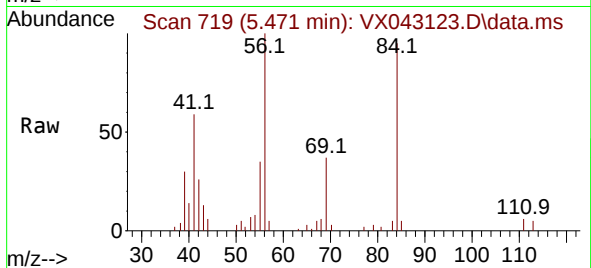
Tgt Ion: 43 Resp: 20590
Ion Ratio Lower Upper
43 100
72 29.3 20.7 31.1





#31
Cyclohexane
Concen: 8.919 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX043123.D
Acq: 24 Sep 2024 15:26

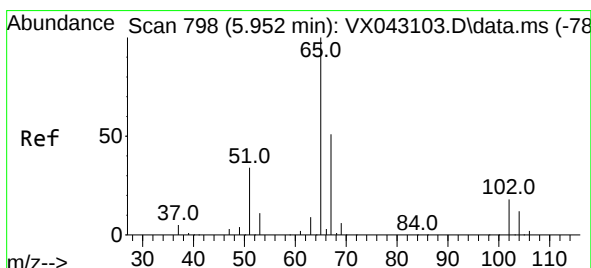
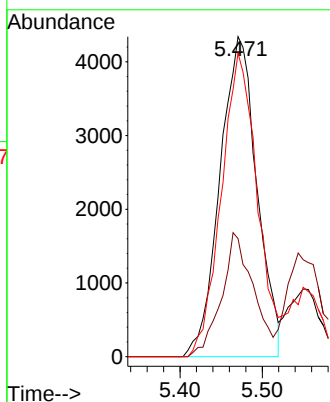
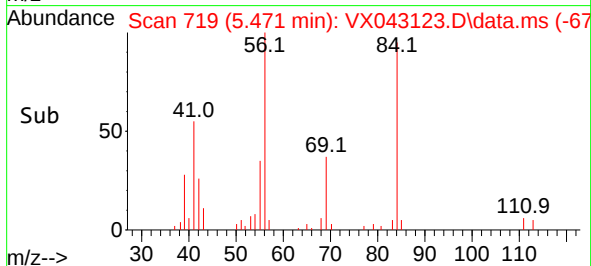
Instrument :
MSVOA_X
ClientSampleId :
5-SBG



Tgt Ion: 56 Resp: 1357
Ion Ratio Lower Upper
56 100
69 36.9 25.8 38.6
84 94.8 72.4 108.6

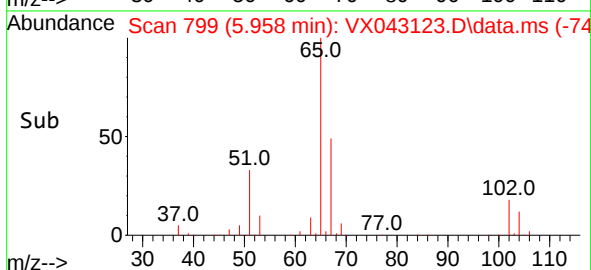
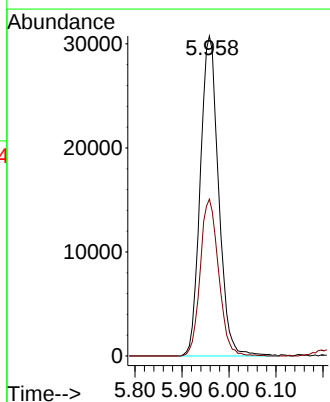
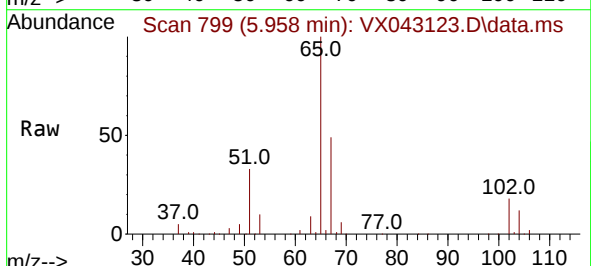
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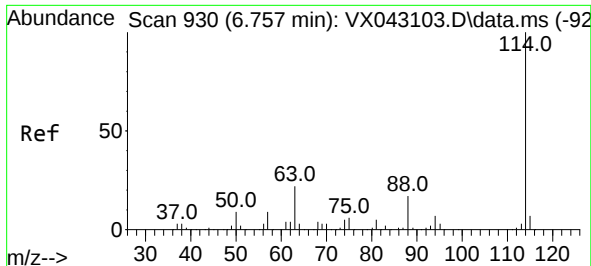
Reviewed By :Mahesh Dadoda 10/01/2024
Supervised By :Semsettin Yesilyurt 10/01/2024



#33
1,2-Dichloroethane-d4
Concen: 53.664 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX043123.D
Acq: 24 Sep 2024 15:26

Tgt Ion: 65 Resp: 83067
Ion Ratio Lower Upper
65 100
67 49.2 0.0 99.0





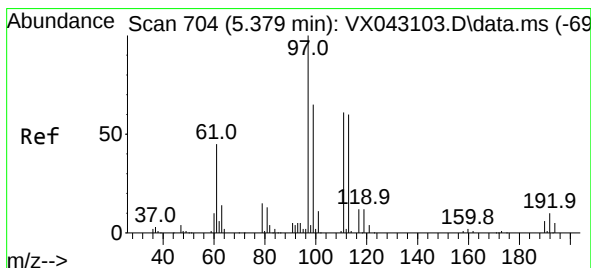
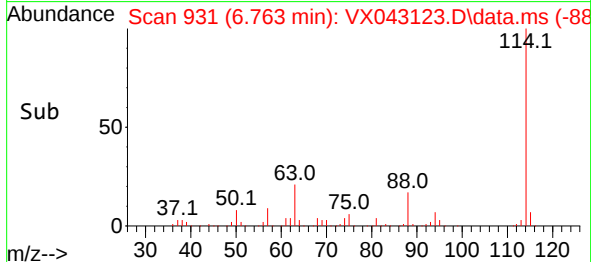
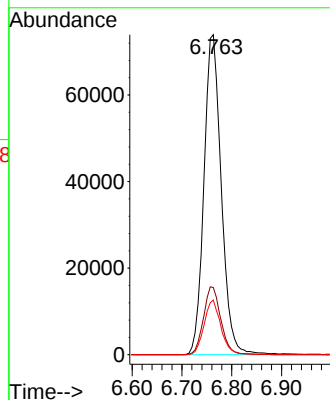
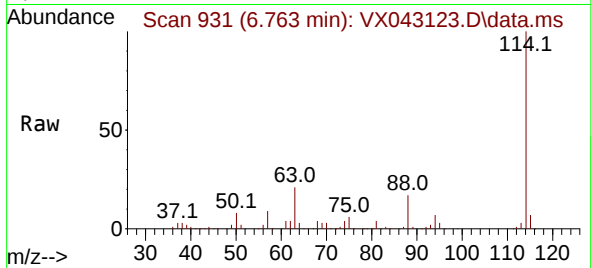
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX043123.D
Acq: 24 Sep 2024 15:26

Instrument :
MSVOA_X
ClientSampleId :
5-SBG

Tgt Ion:114 Resp: 17868
Ion Ratio Lower Upper
114 100
63 21.0 0.0 43.2
88 17.1 0.0 33.4

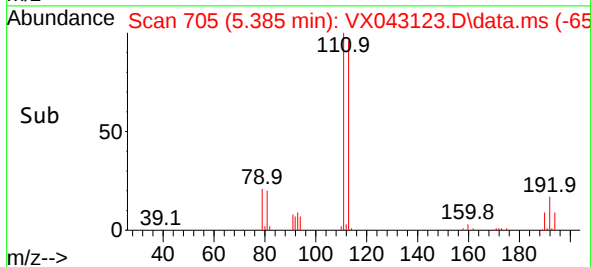
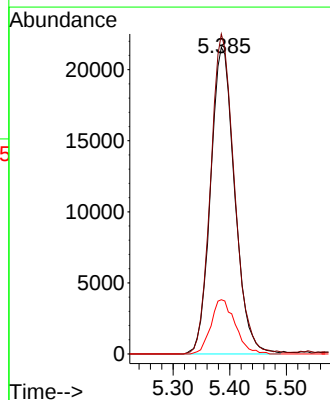
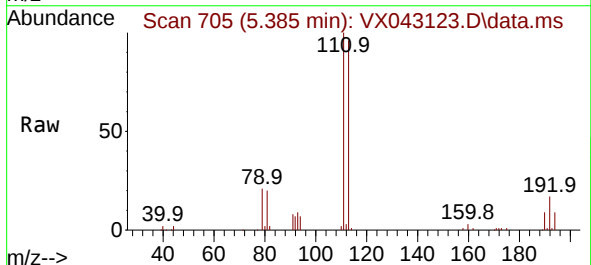
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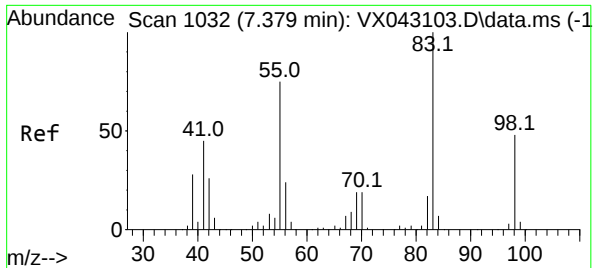
Reviewed By :Mahesh Dadoda 10/01/2024
Supervised By :Semsettin Yesilyurt 10/01/2024



#35
Dibromofluoromethane
Concen: 50.470 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX043123.D
Acq: 24 Sep 2024 15:26

Tgt Ion:113 Resp: 63618
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 17.9 14.6 22.0





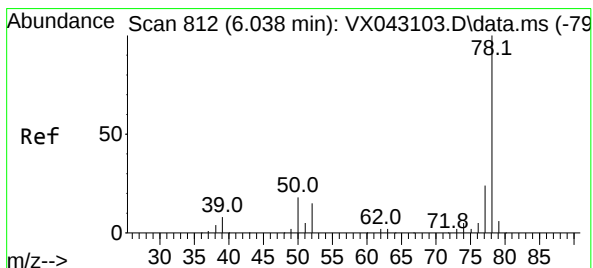
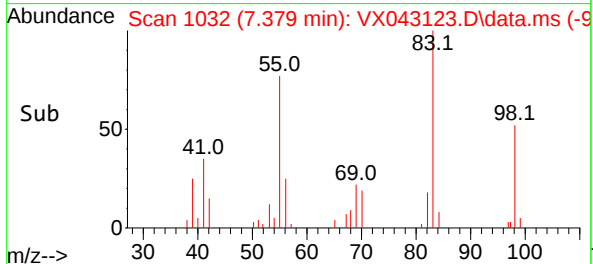
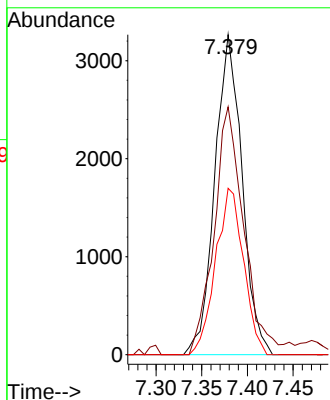
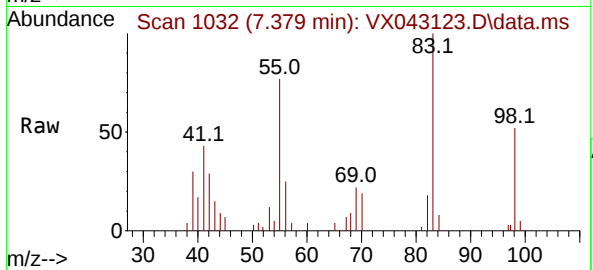
#39
Methylcyclohexane
Concen: 3.485 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX043123.D
Acq: 24 Sep 2024 15:26

Instrument :
MSVOA_X
ClientSampleId :
5-SBG

Tgt Ion: 83 Resp: 6774
Ion Ratio Lower Upper
83 100
55 77.5 60.2 90.4
98 52.0 38.6 58.0

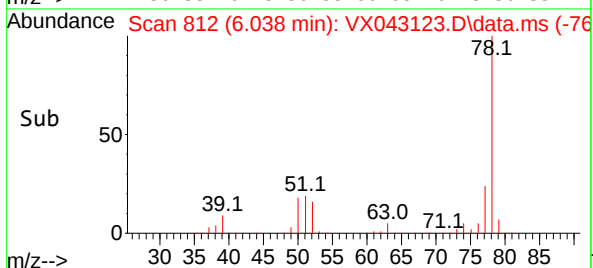
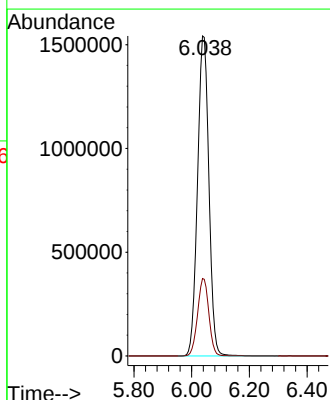
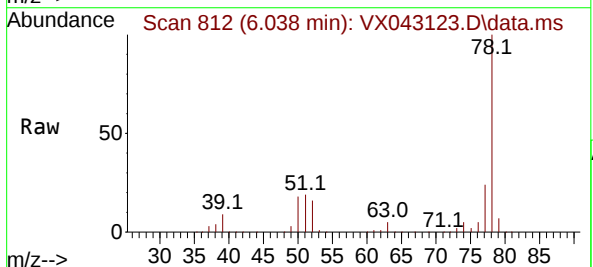
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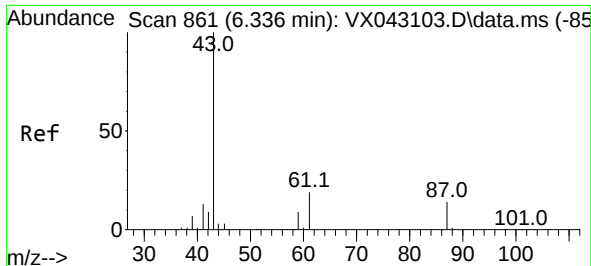
Reviewed By :Mahesh Dadoda 10/01/2024
Supervised By :Semsettin Yesilyurt 10/01/2024



#40
Benzene
Concen: 920.797 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX043123.D
Acq: 24 Sep 2024 15:26

Tgt Ion: 78 Resp: 4208357
Ion Ratio Lower Upper
78 100
77 24.2 19.3 28.9





#43

Isopropyl Acetate

Concen: 27.457 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX043123.D

Acq: 24 Sep 2024 15:26

Instrument :

MSVOA_X

ClientSampleId :

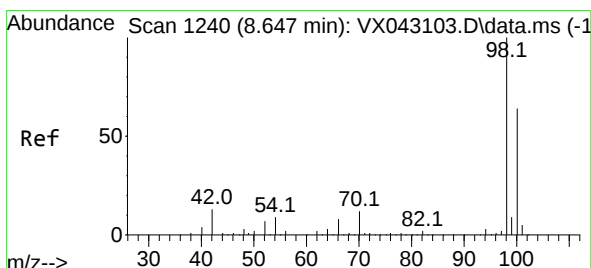
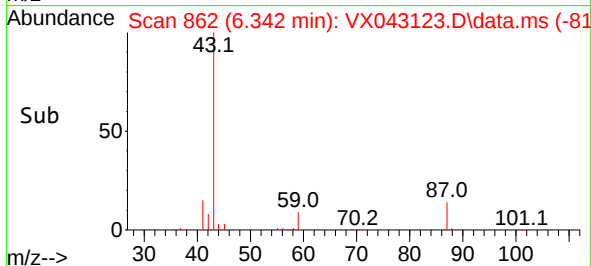
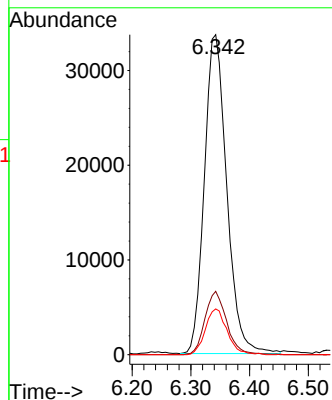
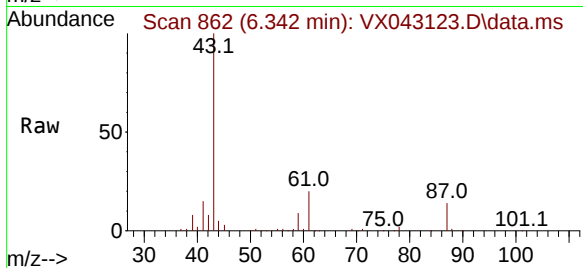
5-SBG

Tgt Ion: 43	Resp: 8922
Ion Ratio	Lower Upper
43 100	
61 19.3	15.0 22.6
87 13.9	10.6 16.0

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#50

Toluene-d8

Concen: 52.551 ug/l

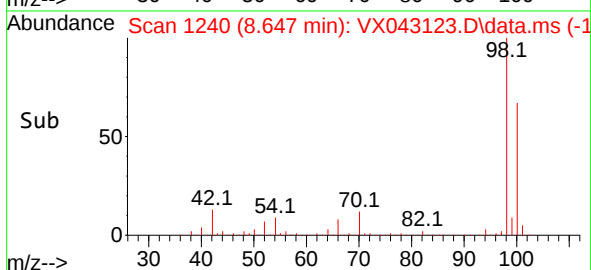
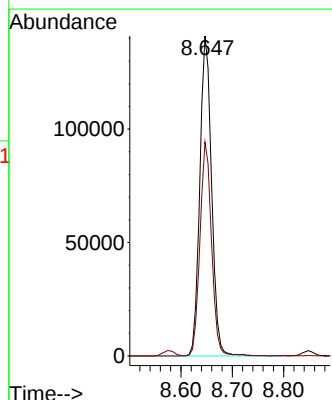
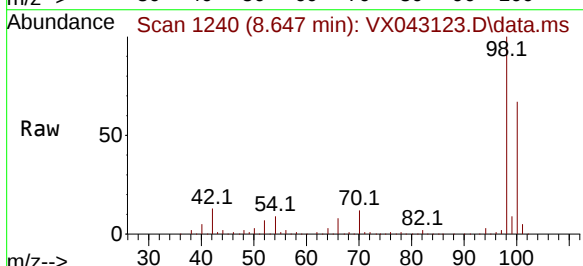
RT: 8.647 min Scan# 1240

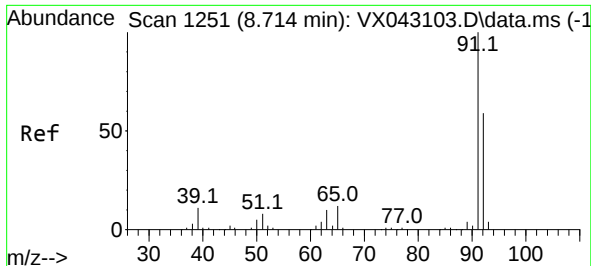
Delta R.T. -0.000 min

Lab File: VX043123.D

Acq: 24 Sep 2024 15:26

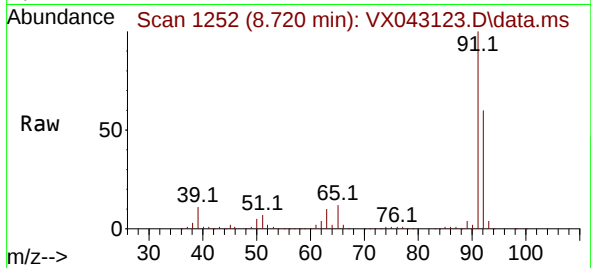
Tgt Ion: 98	Resp: 224106
Ion Ratio	Lower Upper
98 100	
100 66.0	52.2 78.4





#52
Toluene
Concen: 634.806 ug/l
RT: 8.720 min Scan# 1251
Delta R.T. 0.006 min
Lab File: VX043123.D
Acq: 24 Sep 2024 15:26

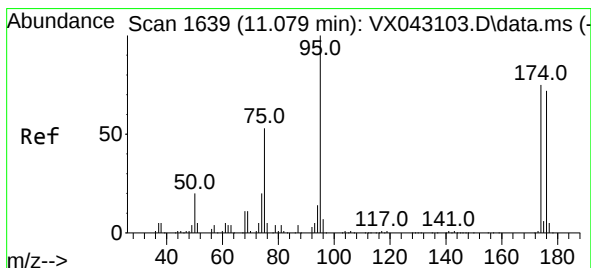
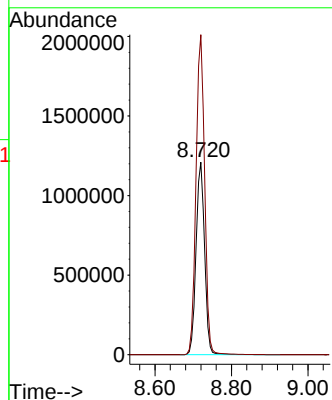
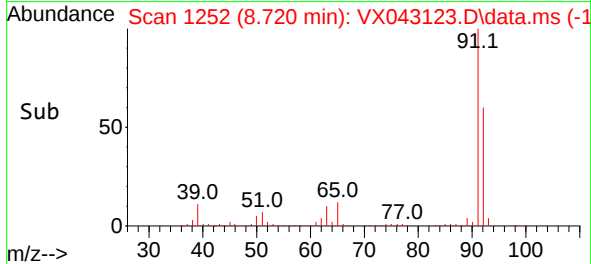
Instrument :
MSVOA_X
ClientSampleId :
5-SBG



Tgt Ion: 92 Resp: 1868439
Ion Ratio Lower Upper
92 100
91 168.3 135.9 203.9

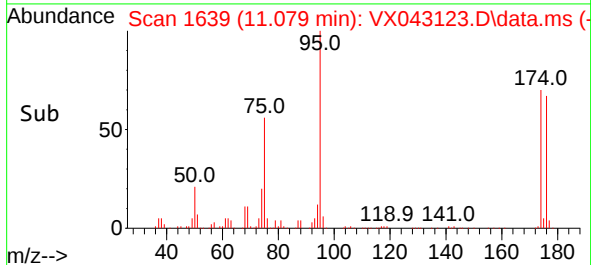
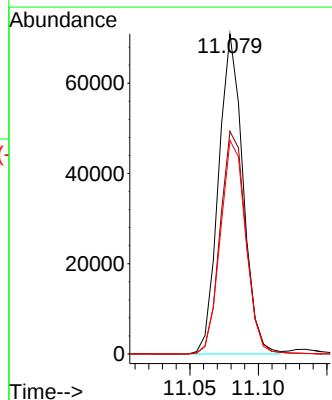
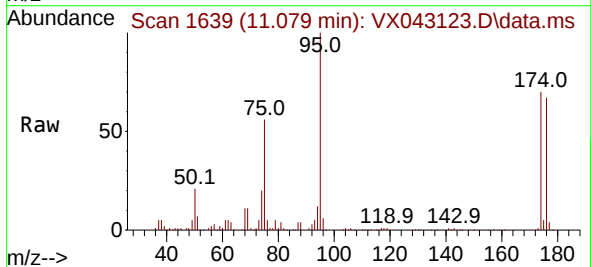
Manual Integrations
APPROVED

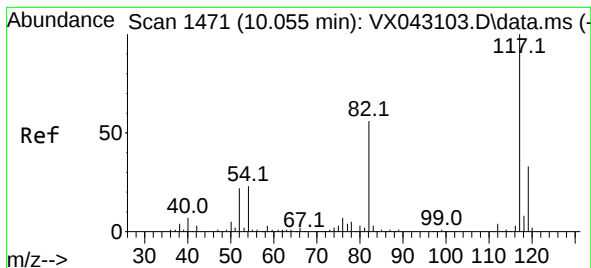
Reviewed By :Mahesh Dadoda 10/01/2024
Supervised By :Semsettin Yesilyurt 10/01/2024



#62
4-Bromofluorobenzene
Concen: 51.057 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043123.D
Acq: 24 Sep 2024 15:26

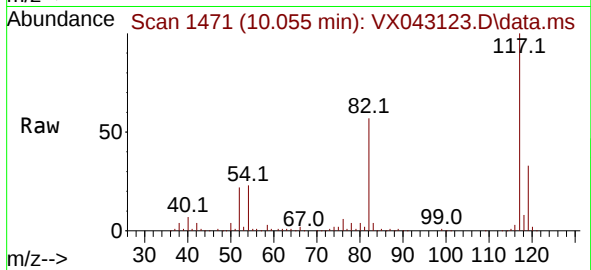
Tgt Ion: 95 Resp: 87685
Ion Ratio Lower Upper
95 100
174 73.0 0.0 146.0
176 69.7 0.0 142.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043123.D
Acq: 24 Sep 2024 15:26

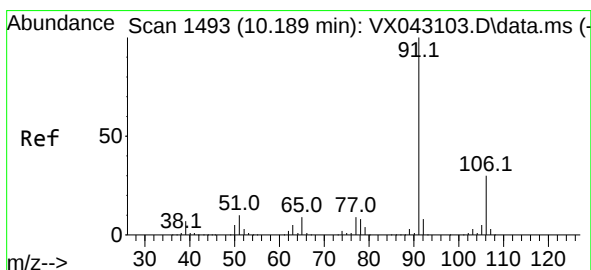
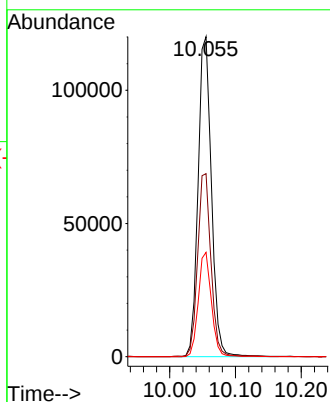
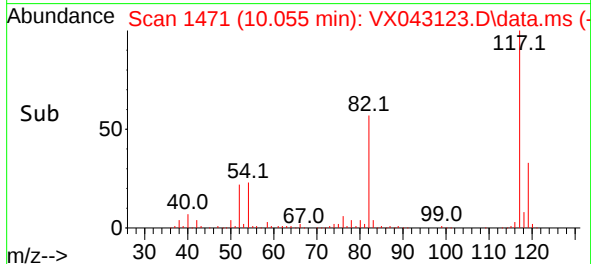
Instrument :
MSVOA_X
ClientSampleId :
5-SBG



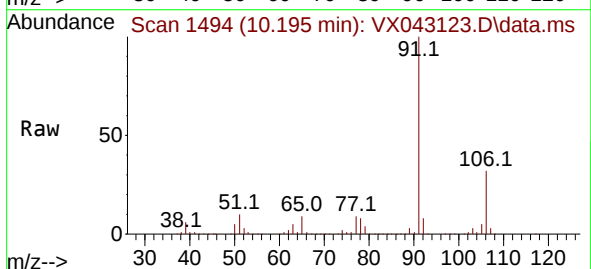
Tgt Ion: 117 Resp: 169620
Ion Ratio Lower Upper
117 100
82 57.1 44.7 67.1
119 32.6 26.3 39.5

Manual Integrations
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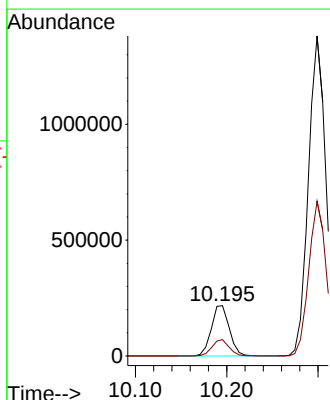
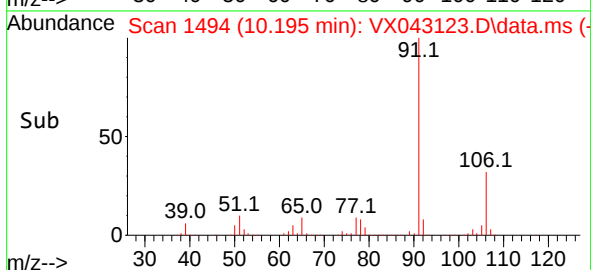
Reviewed By :Mahesh Dadoda 10/01/2024
Supervised By :Semsettin Yesilyurt 10/01/2024

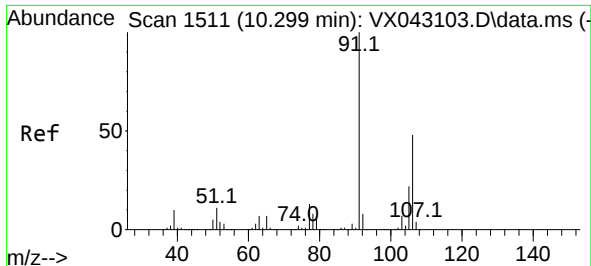


#67
Ethyl Benzene
Concen: 46.994 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX043123.D
Acq: 24 Sep 2024 15:26



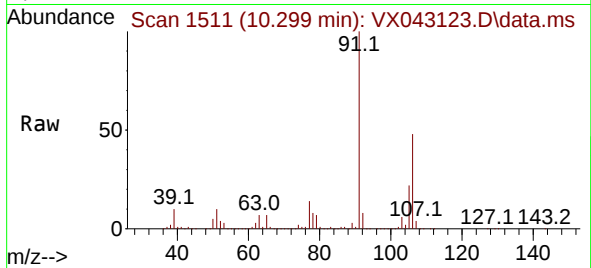
Tgt Ion: 91 Resp: 297451
Ion Ratio Lower Upper
91 100
106 32.5 24.2 36.4





#68
m/p-Xylenes
Concen: 375.888 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX043123.D
Acq: 24 Sep 2024 15:26

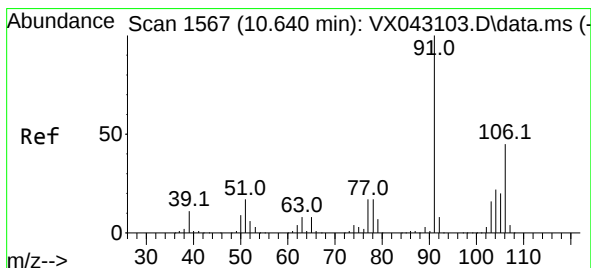
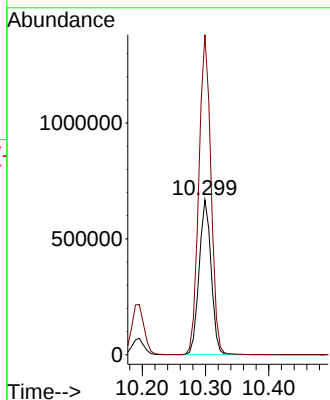
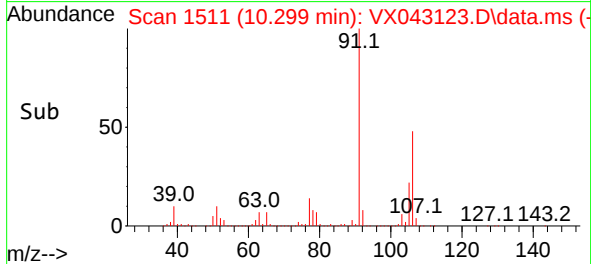
Instrument :
MSVOA_X
ClientSampleId :
5-SBG



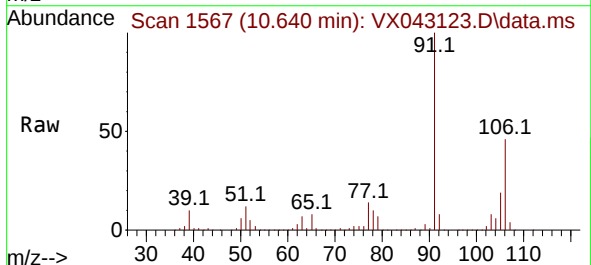
Tgt Ion:106 Resp: 88541
Ion Ratio Lower Upper
106 100
91 208.2 167.5 251.3

Manual Integrations
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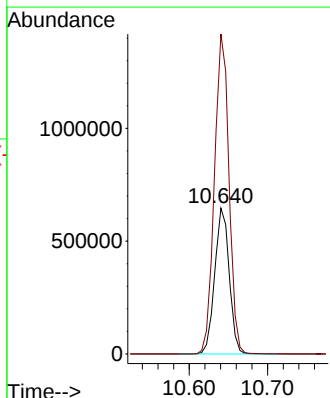
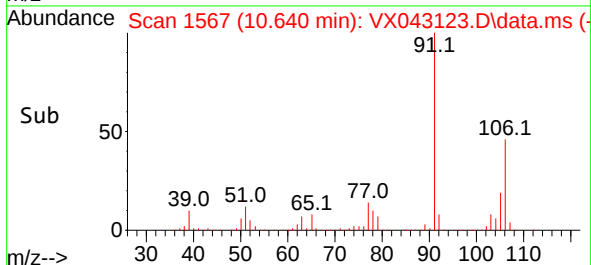
Reviewed By :Mahesh Dadoda 10/01/2024
Supervised By :Semsettin Yesilyurt 10/01/2024

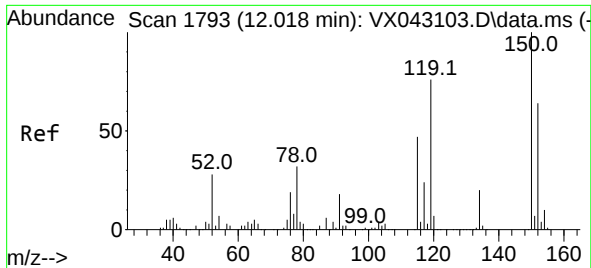


#69
o-Xylene
Concen: 351.832 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX043123.D
Acq: 24 Sep 2024 15:26



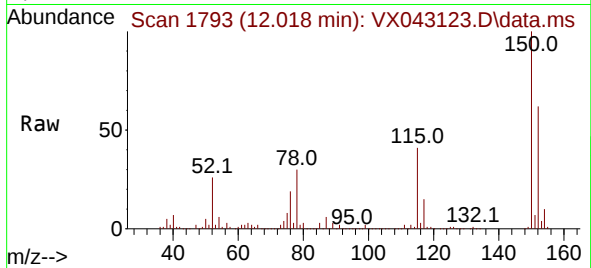
Tgt Ion:106 Resp: 831230
Ion Ratio Lower Upper
106 100
91 220.9 112.5 337.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX043123.D
Acq: 24 Sep 2024 15:26

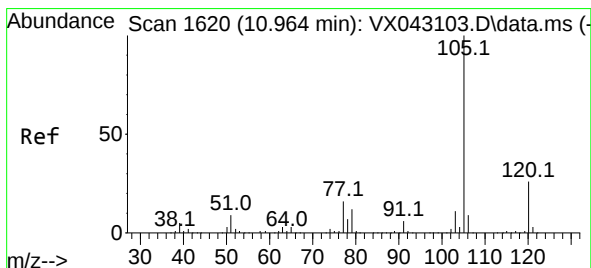
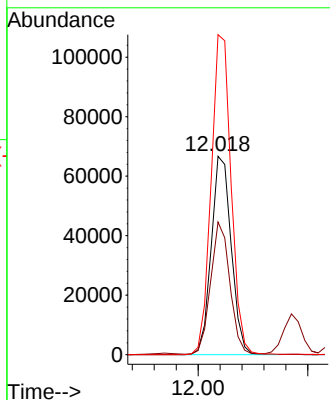
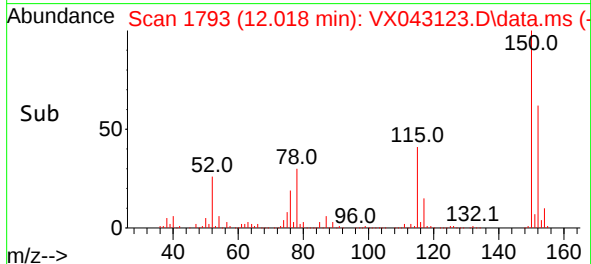
Instrument :
MSVOA_X
ClientSampleId :
5-SBG



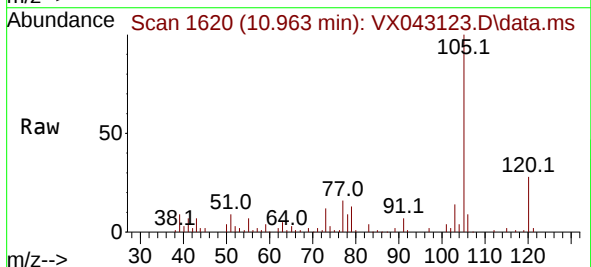
Tgt Ion:152 Resp: 84460
Ion Ratio Lower Upper
152 100
115 63.6 43.7 131.1
150 160.9 0.0 344.6

Manual Integrations
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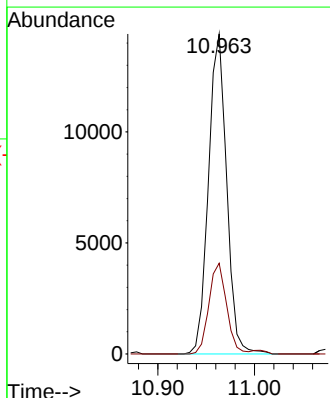
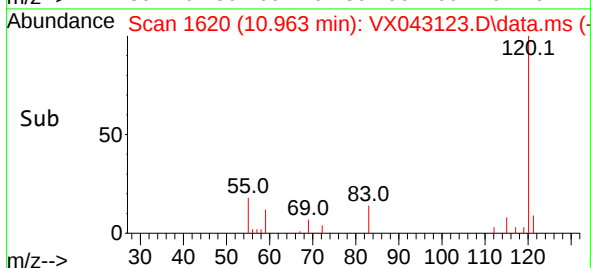
Reviewed By :Mahesh Dadoda 10/01/2024
Supervised By :Semsettin Yesilyurt 10/01/2024

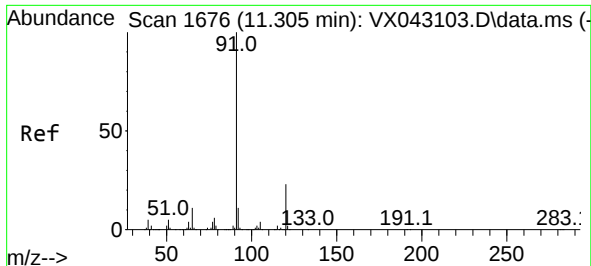


#73
Isopropylbenzene
Concen: 2.975 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX043123.D
Acq: 24 Sep 2024 15:26



Tgt Ion:105 Resp: 18845
Ion Ratio Lower Upper
105 100
120 27.6 13.0 39.0





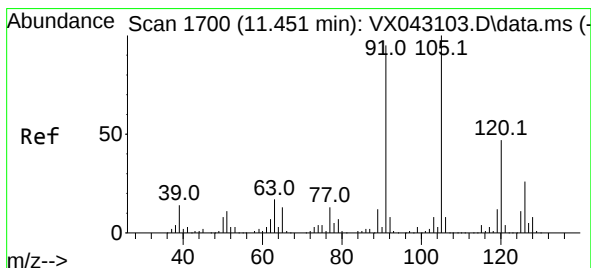
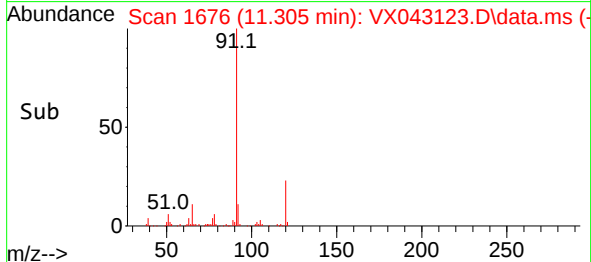
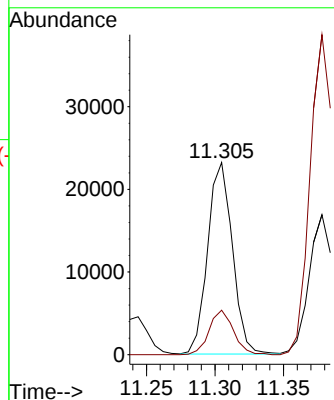
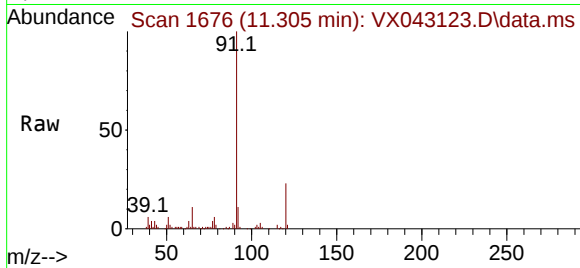
#78
n-propylbenzene
Concen: 4.058 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX043123.D
Acq: 24 Sep 2024 15:26

Instrument :
MSVOA_X
ClientSampleId :
5-SBG

Tgt Ion: 91 Resp: 29159
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.5

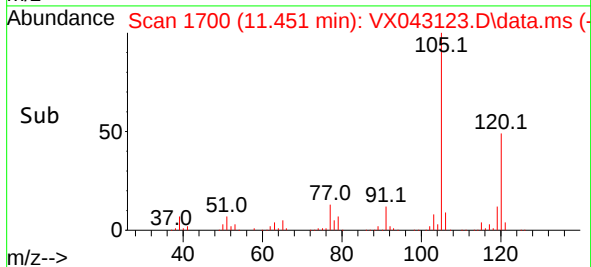
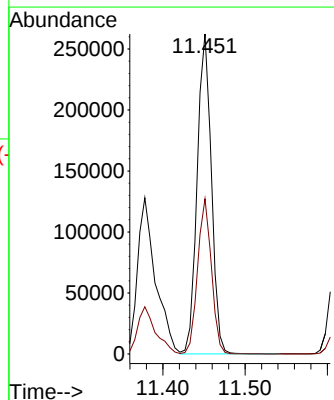
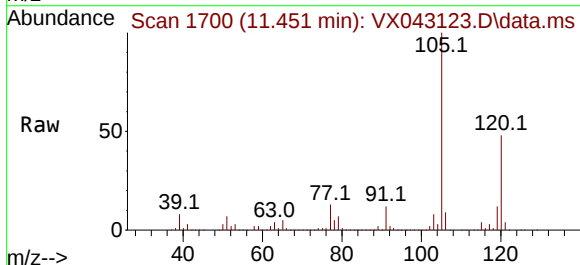
Manual Integrations
APPROVED

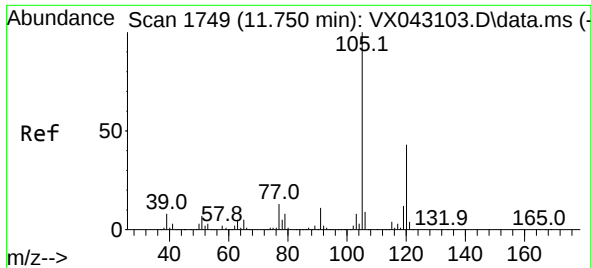
Reviewed By :Mahesh Dadoda 10/01/2024
Supervised By :Semsettin Yesilyurt 10/01/2024



#80
1,3,5-Trimethylbenzene
Concen: 60.022 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX043123.D
Acq: 24 Sep 2024 15:26

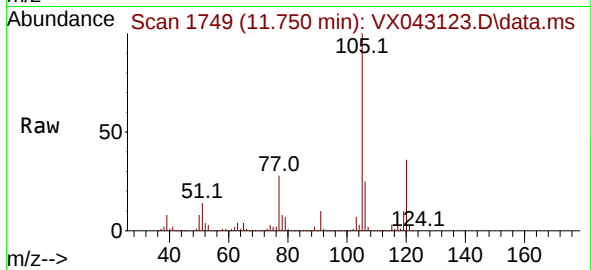
Tgt Ion:105 Resp: 314556
Ion Ratio Lower Upper
105 100
120 47.2 23.5 70.5





#84
 1,2,4-Trimethylbenzene
 Concen: 156.031 ug/l
 RT: 11.750 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX043123.D
 Acq: 24 Sep 2024 15:26

Instrument :
 MSVOA_X
 ClientSampleId :
 5-SBG



Tgt Ion:105 Resp: 813520
 Ion Ratio Lower Upper
 105 100
 120 36.0 21.8 65.4

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/01/2024
 Supervised By :Semsettin Yesilyurt 10/01/2024

