

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092424\
 Data File : VX043124.D
 Acq On : 24 Sep 2024 15:49
 Operator : JC/MD
 Sample : P4144-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 2-SBG

Quant Time: Sep 25 01:30:48 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	88555	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	168898	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	159704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75132	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78359	53.271	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.540%			
35) Dibromofluoromethane	5.385	113	60078	50.424	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.840%			
50) Toluene-d8	8.647	98	208794	51.797	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.600%			
62) 4-Bromofluorobenzene	11.079	95	80274	49.450	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.900%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.953	59	58715	178.778	ug/l	100
16) Acetone	2.380	43	556024	808.288	ug/l	100
17) Carbon Disulfide	2.514	76	4553	1.952	ug/l #	94
18) Methyl Acetate	2.703	43	24708	13.345	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	5288	1.479	ug/l #	50
20) Methylene Chloride	2.794	84	57812	52.824	ug/l	94
25) 2-Butanone	4.562	43	32682	36.856	ug/l	97
31) Cyclohexane	5.471	56	20053	13.862	ug/l	99
39) Methylcyclohexane	7.379	83	11303	6.152	ug/l	96
40) Benzene	6.044	78	6956522	1610.309	ug/l	99
43) Isopropyl Acetate	6.342	43	76433	24.884	ug/l	99
52) Toluene	8.720	92	2854004	1025.847	ug/l	96
67) Ethyl Benzene	10.195	91	450935	75.666	ug/l	97
68) m/p-Xylenes	10.299	106	1381823	623.056	ug/l	98
69) o-Xylene	10.640	106	1237407	556.273	ug/l	96
73) Isopropylbenzene	10.964	105	26647	4.729	ug/l	100
78) n-propylbenzene	11.305	91	45038	7.045	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	469548	100.720	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	1222101	263.496	ug/l	88

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

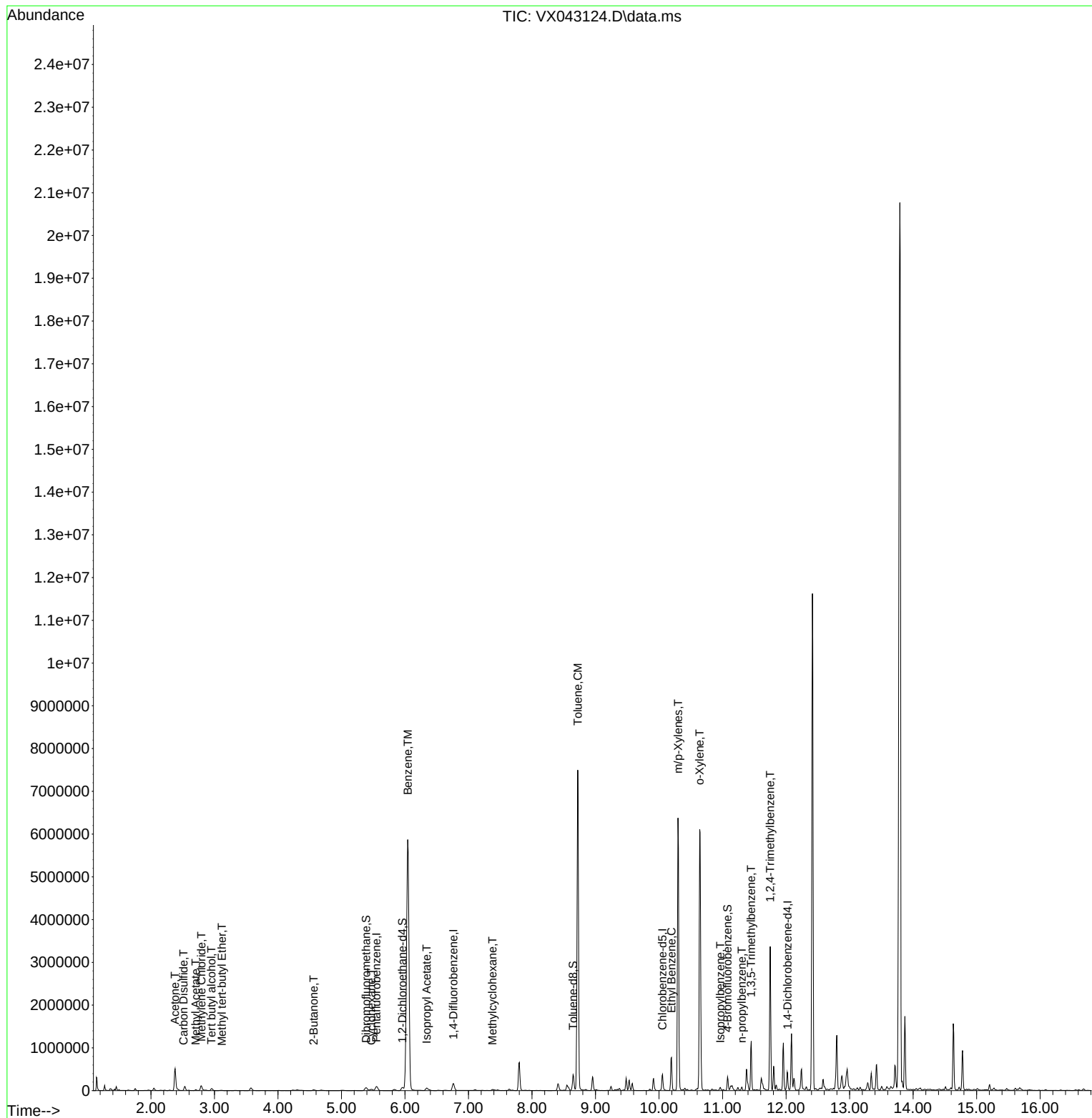
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092424\
Data File : VX043124.D
Acq On : 24 Sep 2024 15:49
Operator : JC/MD
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ALS Vial : 18 Sample Multiplier: 1

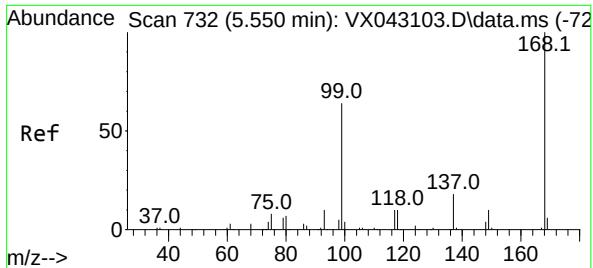
Instrument :
MSVOA_X
ClientSampleId :
2-SBG

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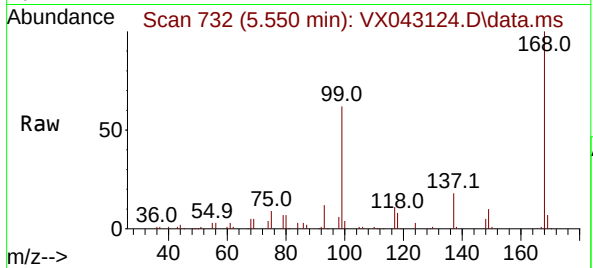
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 24 03:13:52 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

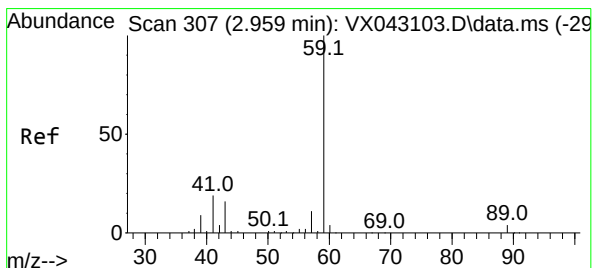
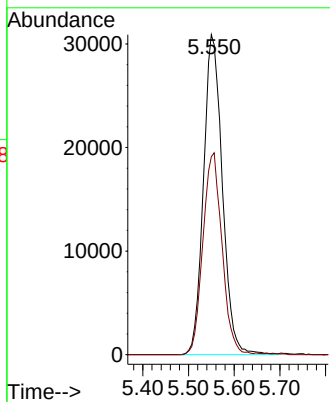
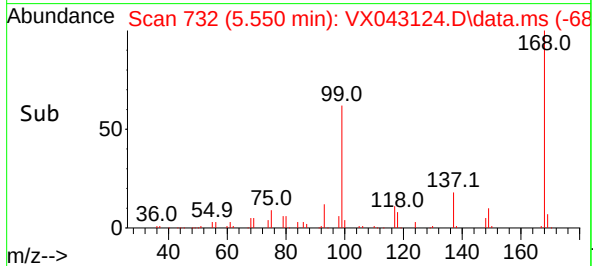
Instrument :
MSVOA_X
ClientSampleId :
2-SBG



Tgt Ion:168 Resp: 8855
Ion Ratio Lower Upper
168 100
99 61.8 50.8 76.2

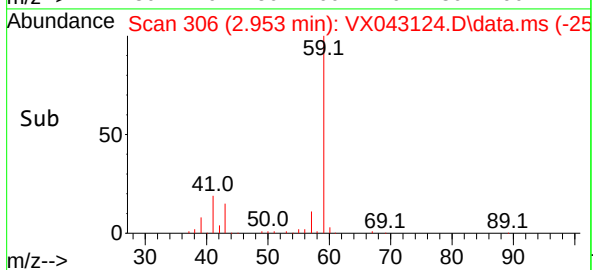
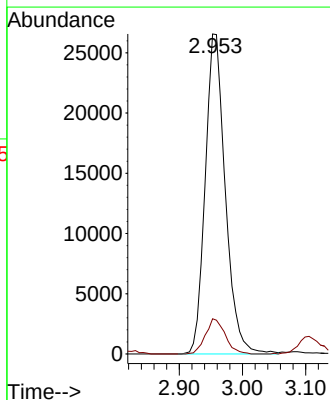
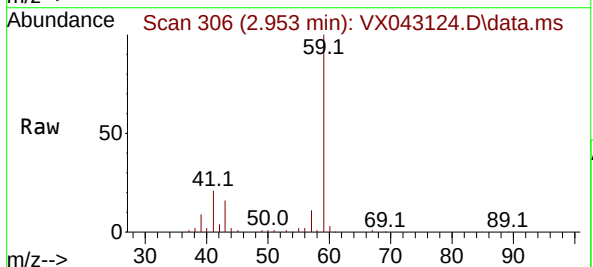
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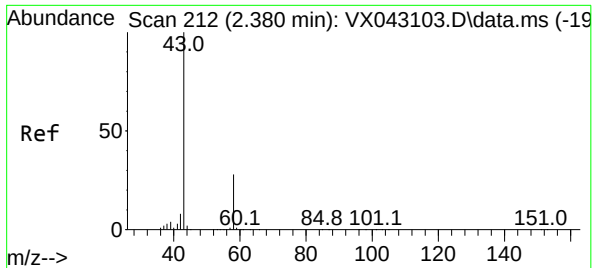
Reviewed By :Mahesh Dadoda 10/01/2024
Supervised By :Semsettin Yesilyurt 10/01/2024



#11
Tert butyl alcohol
Concen: 178.778 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

Tgt Ion: 59 Resp: 58715
Ion Ratio Lower Upper
59 100
57 10.8 8.6 13.0





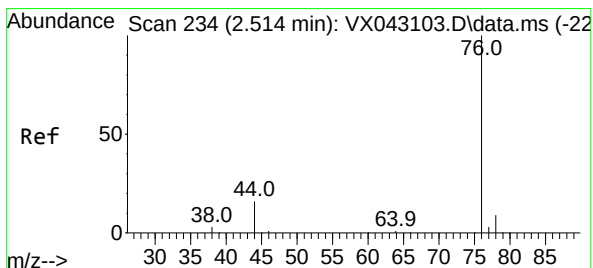
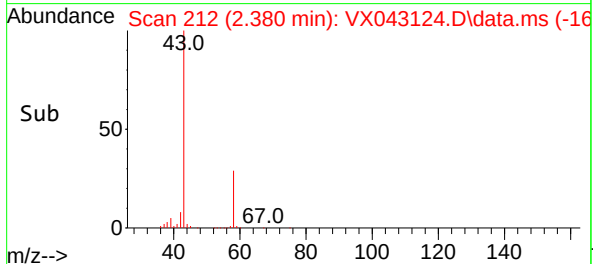
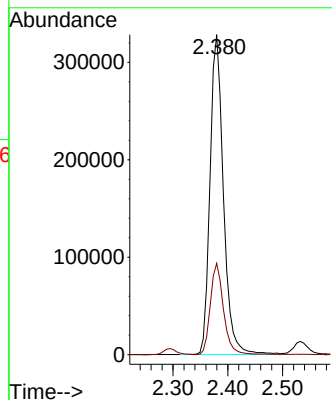
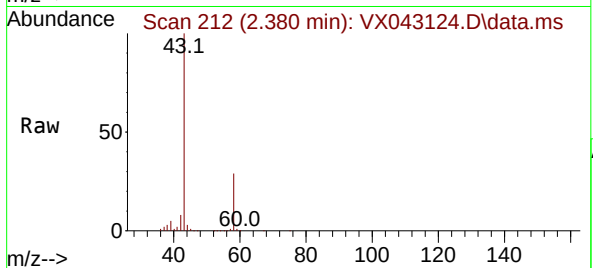
#16
Acetone
Concen: 808.288 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

Instrument :
MSVOA_X
ClientSampleId :
2-SBG

Tgt Ion: 43 Resp: 556024
Ion Ratio Lower Upper
43 100
58 28.5 22.6 34.0

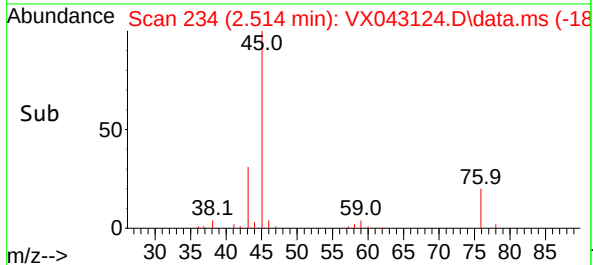
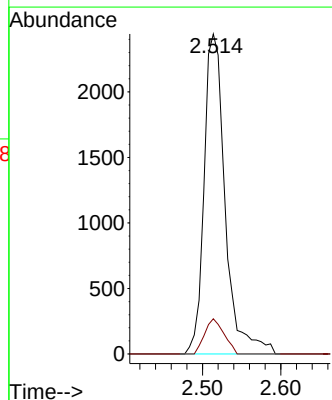
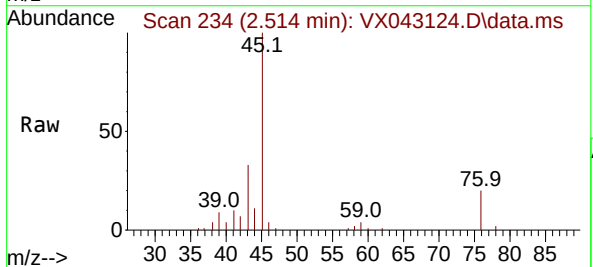
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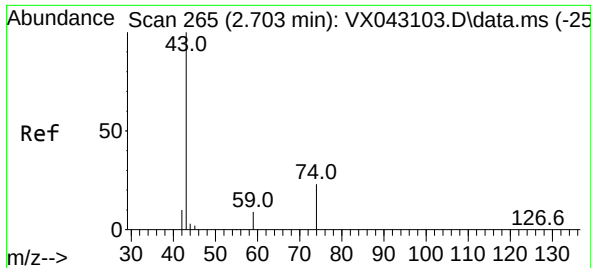
Reviewed By :Mahesh Dadoda 10/01/2024
Supervised By :Semsettin Yesilyurt 10/01/2024



#17
Carbon Disulfide
Concen: 1.952 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

Tgt Ion: 76 Resp: 4553
Ion Ratio Lower Upper
76 100
78 11.0 7.2 10.8#





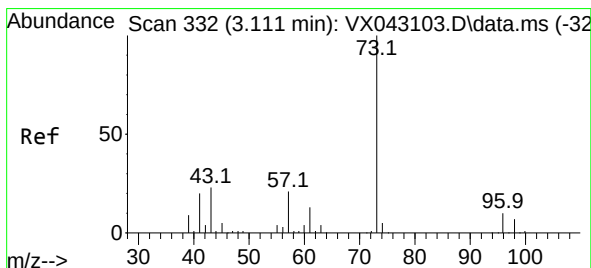
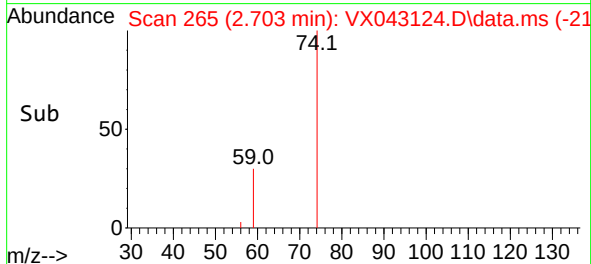
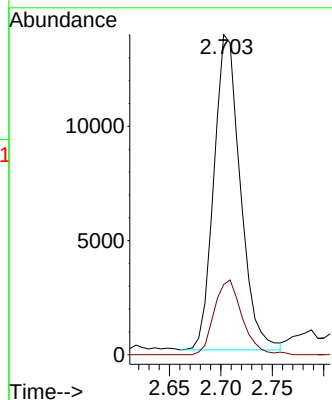
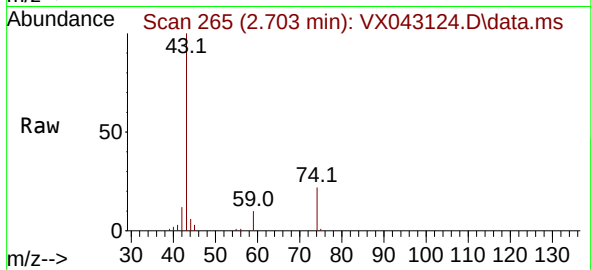
#18
Methyl Acetate
Concen: 13.345 ug/l
RT: 2.703 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

Instrument :
MSVOA_X
ClientSampleId :
2-SBG

Tgt Ion: 43 Resp: 24708
Ion Ratio Lower Upper
43 100
74 25.0 19.2 28.8

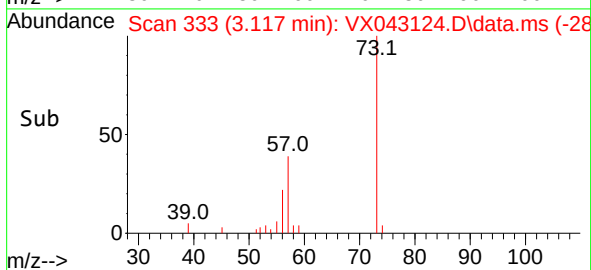
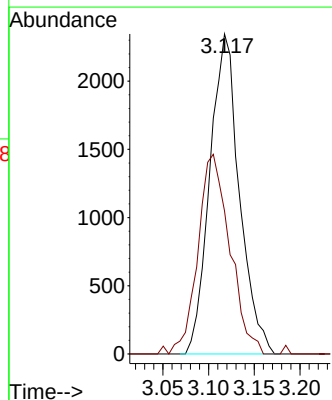
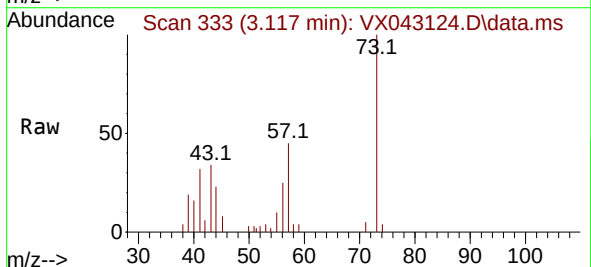
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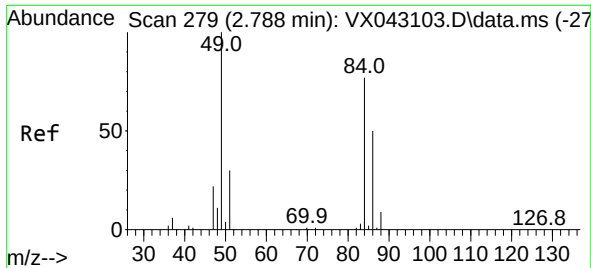
Reviewed By :Mahesh Dadoda 10/01/2024
Supervised By :Semsettin Yesilyurt 10/01/2024



#19
Methyl tert-butyl Ether
Concen: 1.479 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

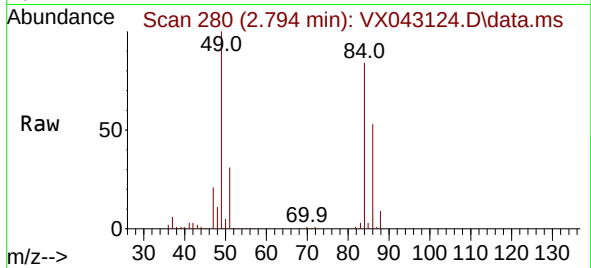
Tgt Ion: 73 Resp: 5288
Ion Ratio Lower Upper
73 100
57 44.7 17.0 25.4#





#20
Methylene Chloride
Concen: 52.824 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

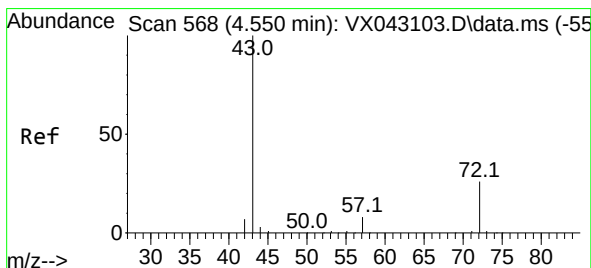
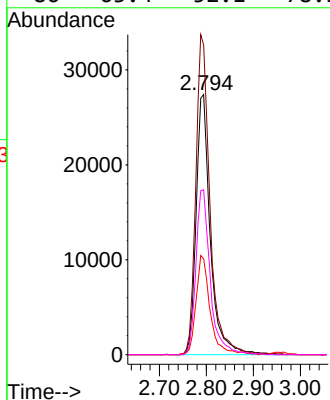
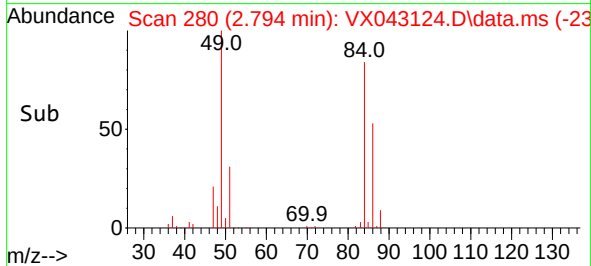
Instrument :
MSVOA_X
ClientSampleId :
2-SBG



Tgt Ion: 84 Resp: 5781
Ion Ratio Lower Upper
84 100
49 119.0 104.1 156.1
51 36.9 31.1 46.7
86 63.4 52.1 78.1

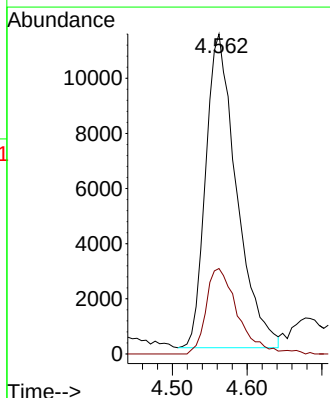
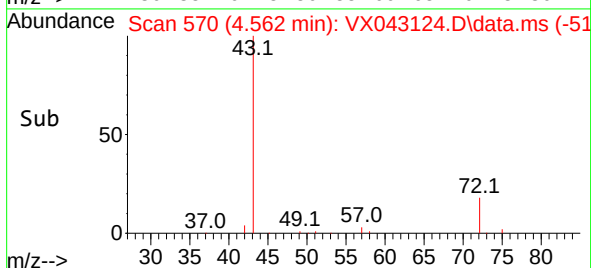
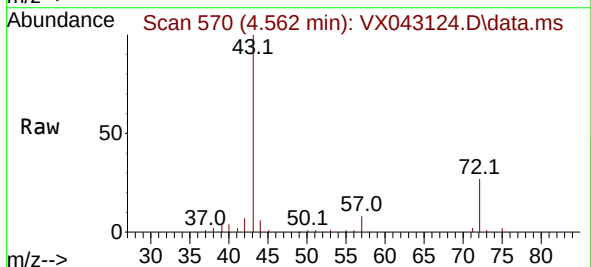
Manual Integrations
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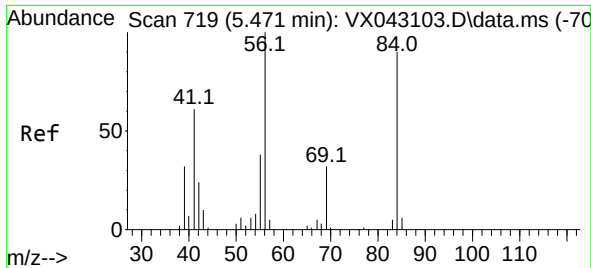
Reviewed By :Mahesh Dadoda 10/01/2024
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#25
2-Butanone
Concen: 36.856 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.012 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

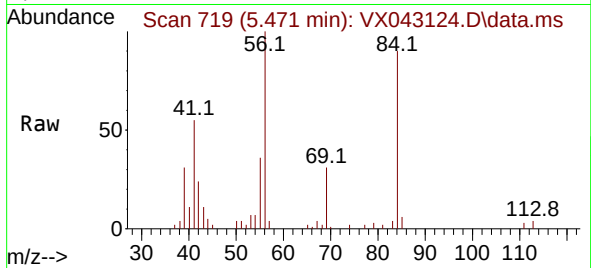
Tgt Ion: 43 Resp: 32682
Ion Ratio Lower Upper
43 100
72 27.2 20.7 31.1





#31
Cyclohexane
Concen: 13.862 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

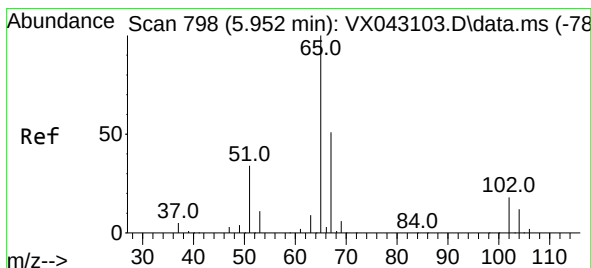
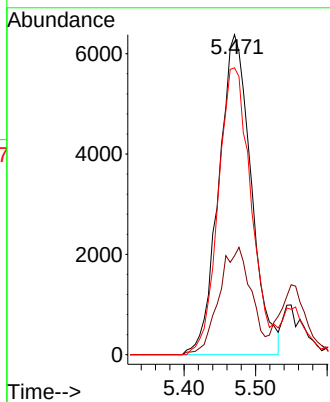
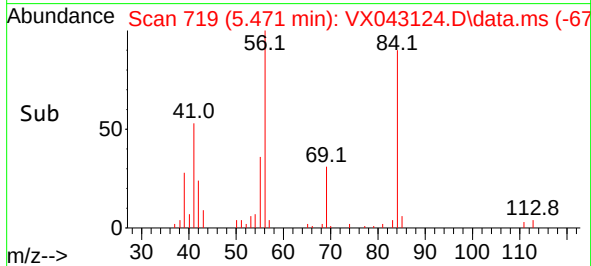
Instrument :
MSVOA_X
ClientSampleId :
2-SBG



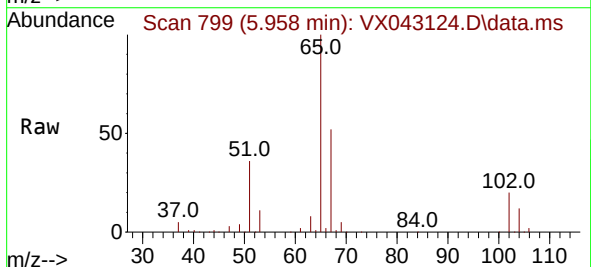
Tgt Ion: 56 Resp: 2005
Ion Ratio Lower Upper
56 100
69 30.9 25.8 38.6
84 89.7 72.4 108.6

Manual Integrations
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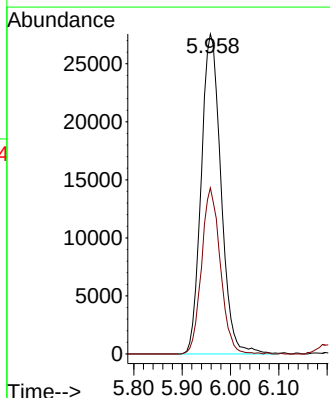
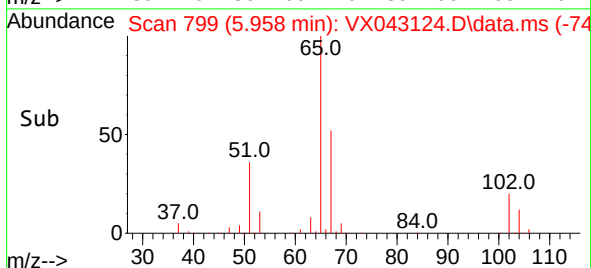
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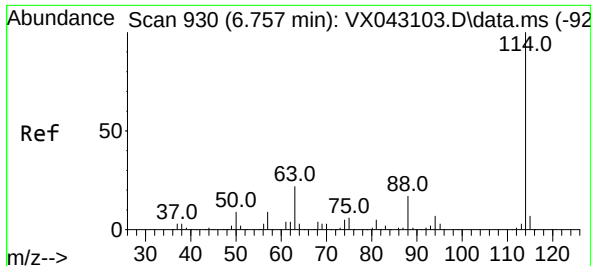


#33
1,2-Dichloroethane-d4
Concen: 53.271 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49



Tgt Ion: 65 Resp: 78359
Ion Ratio Lower Upper
65 100
67 49.2 0.0 99.0





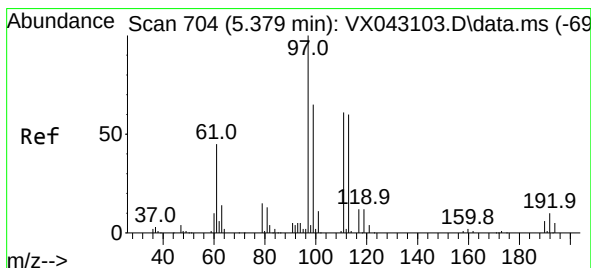
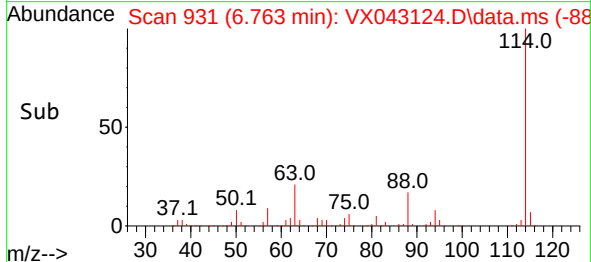
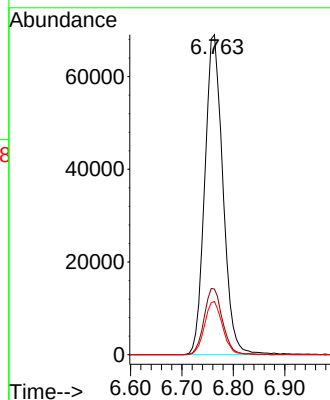
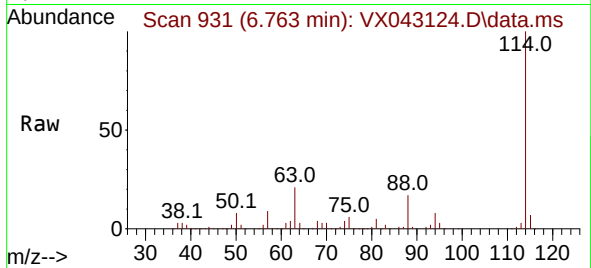
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

Instrument :
MSVOA_X
ClientSampleId :
2-SBG

Tgt Ion:114 Resp: 168898
Ion Ratio Lower Upper
114 100
63 20.5 0.0 43.2
88 16.6 0.0 33.4

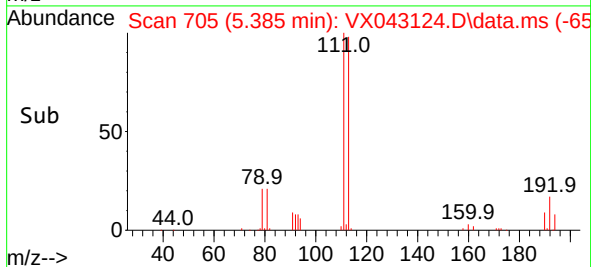
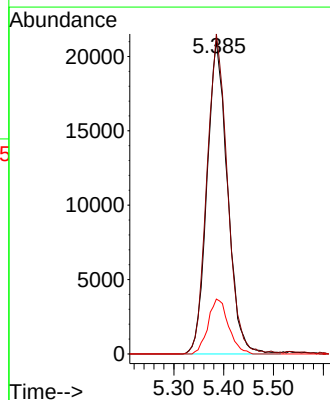
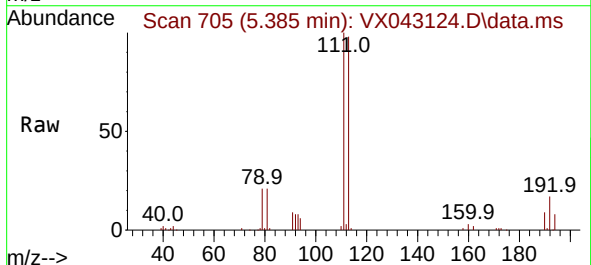
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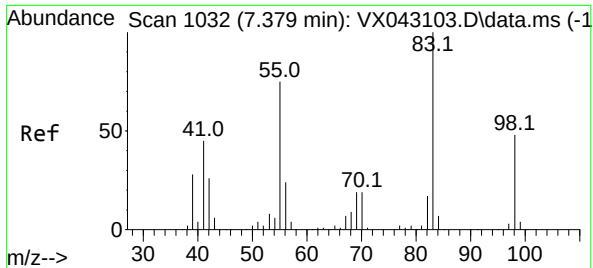
Reviewed By :Mahesh Dadoda 10/01/2024
Supervised By :Semsettin Yesilyurt 10/01/2024



#35
Dibromofluoromethane
Concen: 50.424 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

Tgt Ion:113 Resp: 60078
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 17.5 14.6 22.0





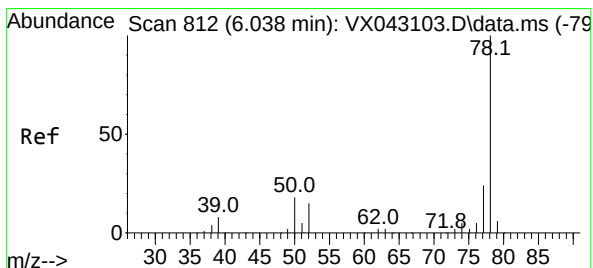
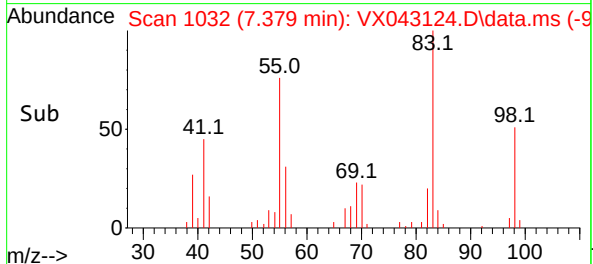
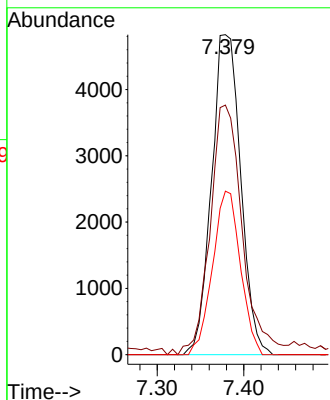
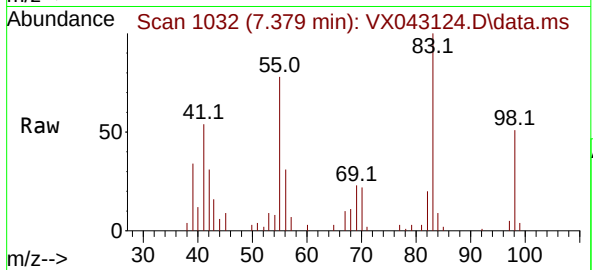
#39
Methylcyclohexane
Concen: 6.152 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

Instrument :
MSVOA_X
ClientSampleId :
2-SBG

Tgt Ion: 83 Resp: 1130
Ion Ratio Lower Upper
83 100
55 78.0 60.2 90.4
98 51.1 38.6 58.0

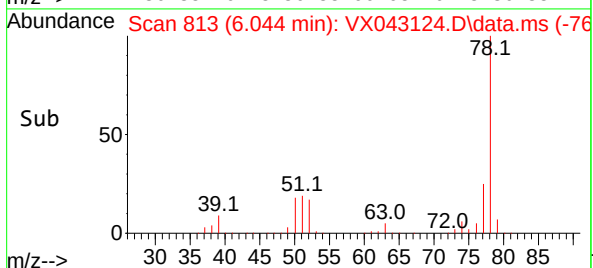
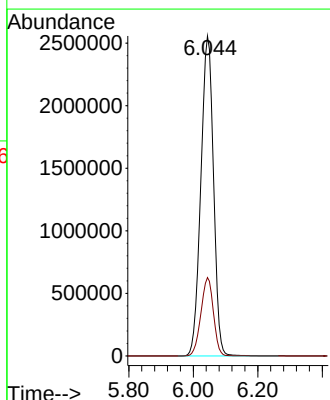
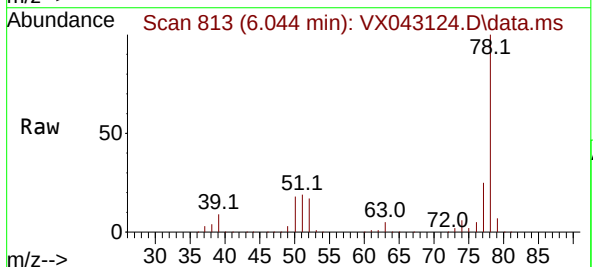
Manual Integrations
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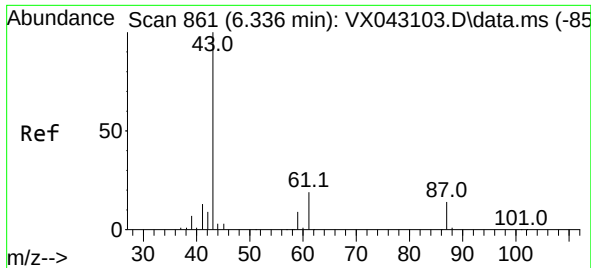
Reviewed By :Mahesh Dadoda 10/01/2024
Supervised By :Semsettin Yesilyurt 10/01/2024



#40
Benzene
Concen: 1610.309 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

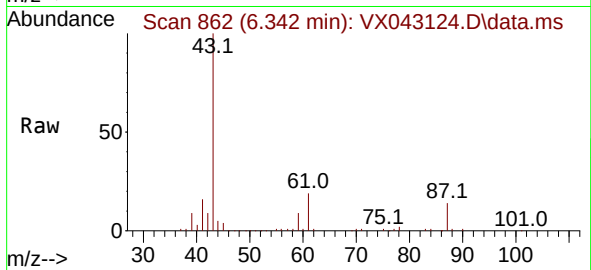
Tgt Ion: 78 Resp: 6956522
Ion Ratio Lower Upper
78 100
77 24.5 19.3 28.9





#43
Isopropyl Acetate
Concen: 24.884 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

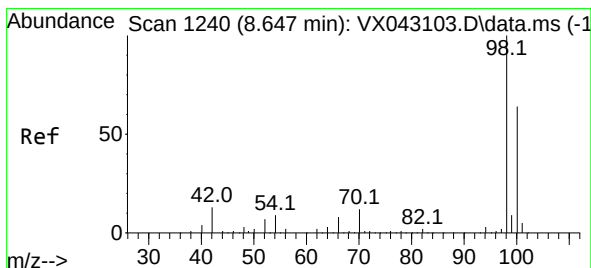
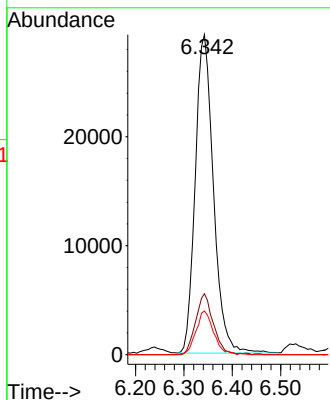
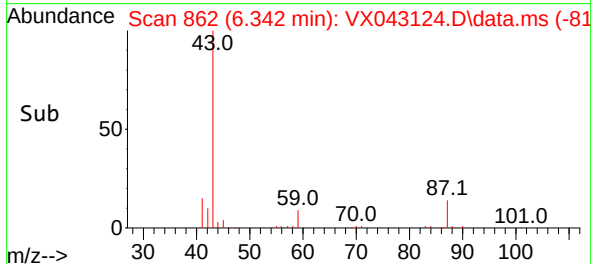
Instrument :
MSVOA_X
ClientSampleId :
2-SBG



Tgt Ion: 43 Resp: 7643
Ion Ratio Lower Upper
43 100
61 18.4 15.0 22.6
87 13.2 10.6 16.0

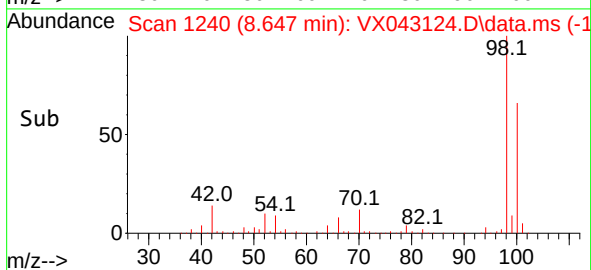
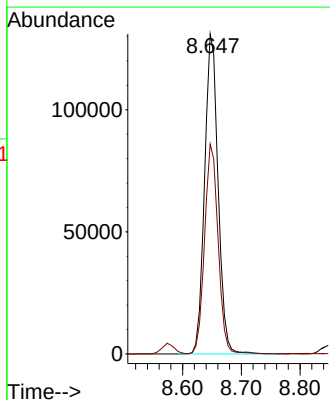
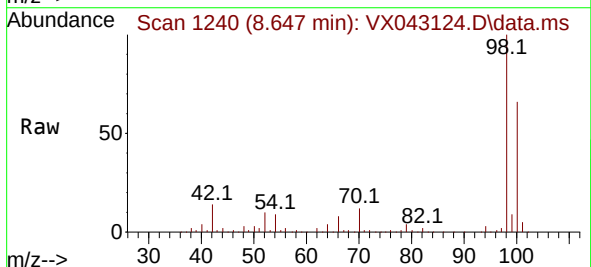
Manual Integrations
APPROVED

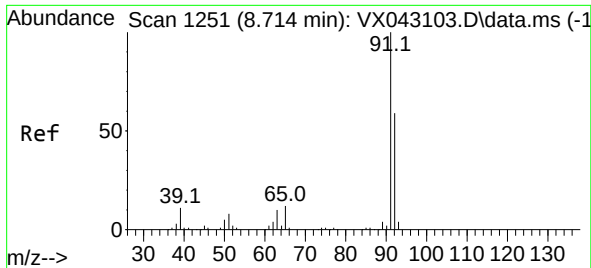
Reviewed By :Mahesh Dadoda 10/01/2024
Supervised By :Semsettin Yesilyurt 10/01/2024



#50
Toluene-d8
Concen: 51.797 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

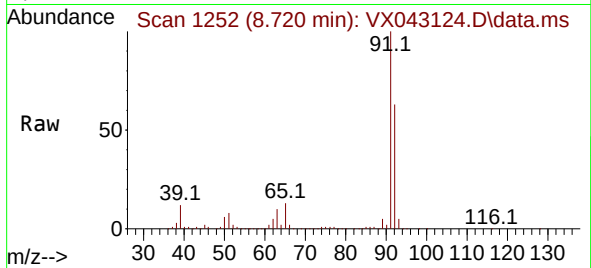
Tgt Ion: 98 Resp: 208794
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.4





#52
Toluene
Concen: 1025.847 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

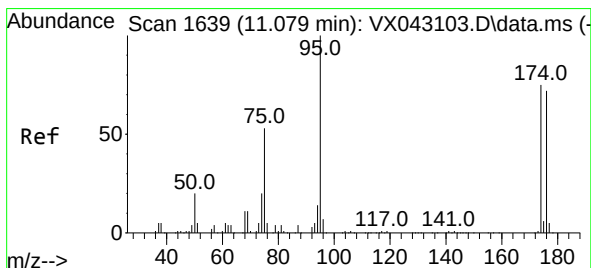
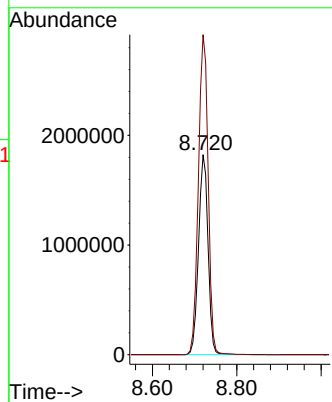
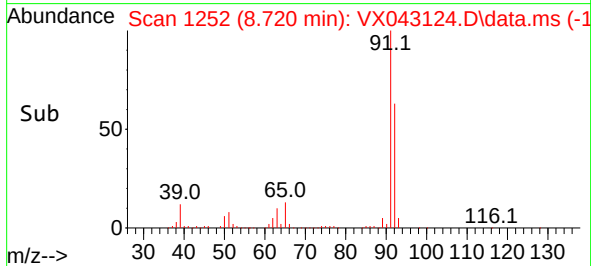
Instrument :
MSVOA_X
ClientSampleId :
2-SBG



Tgt Ion: 92 Resp: 2854004
Ion Ratio Lower Upper
92 100
91 164.9 135.9 203.9

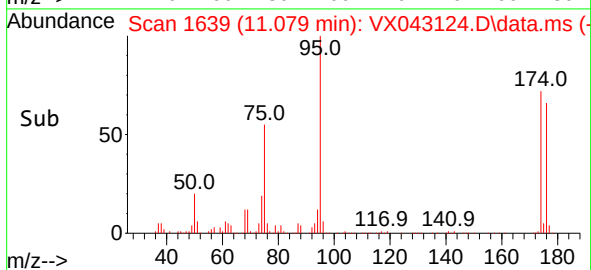
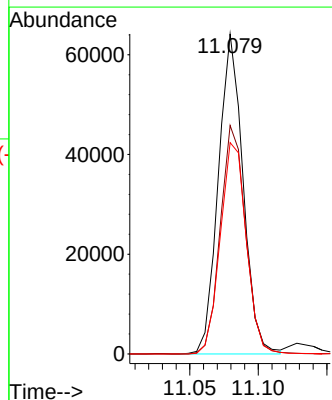
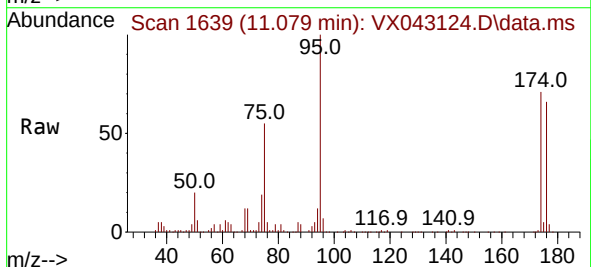
Manual Integrations
APPROVED

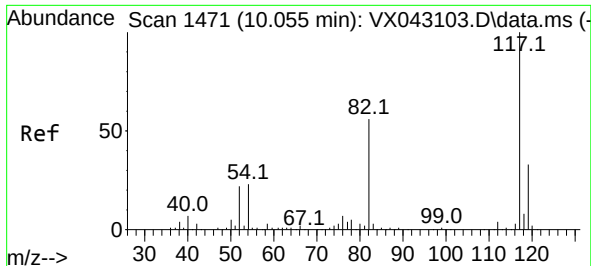
Reviewed By :Mahesh Dadoda 10/01/2024
Supervised By :Semsettin Yesilyurt 10/01/2024



#62
4-Bromofluorobenzene
Concen: 49.450 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

Tgt Ion: 95 Resp: 80274
Ion Ratio Lower Upper
95 100
174 73.0 0.0 146.0
176 69.8 0.0 142.6





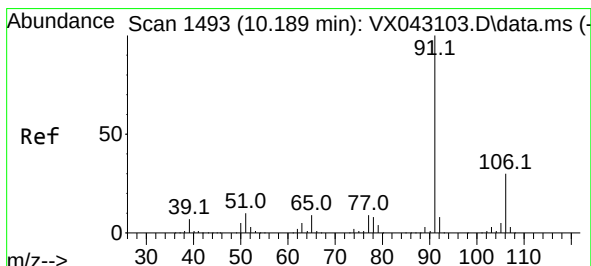
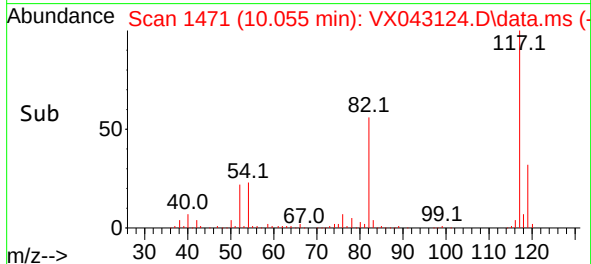
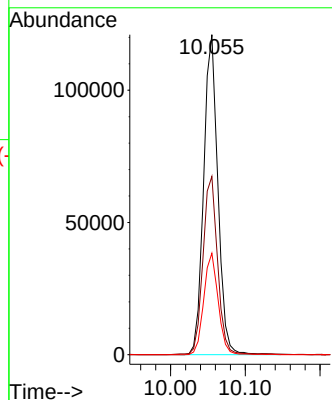
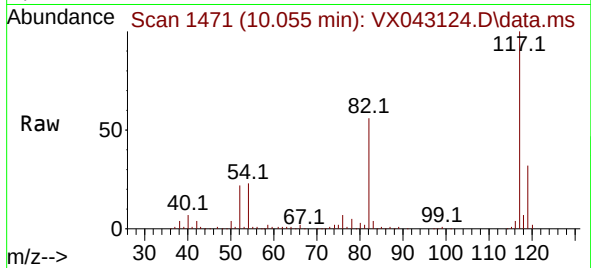
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

Instrument :
MSVOA_X
ClientSampleId :
2-SBG

Tgt Ion:117 Resp: 159704
Ion Ratio Lower Upper
117 100
82 55.6 44.7 67.1
119 31.7 26.3 39.5

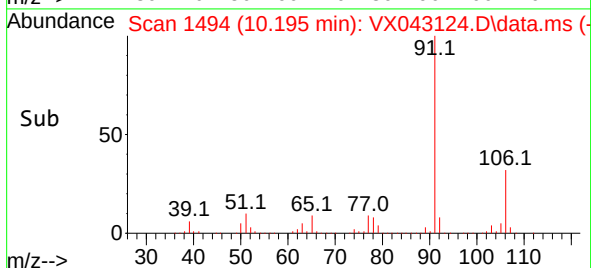
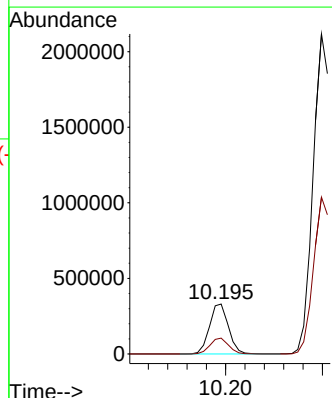
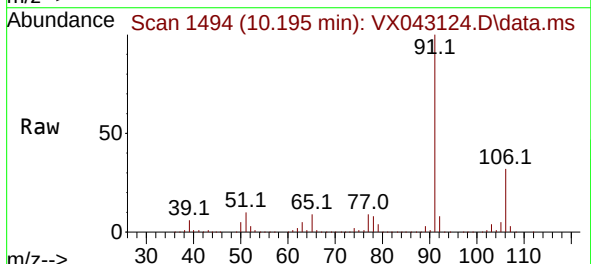
Manual Integrations
APPROVED

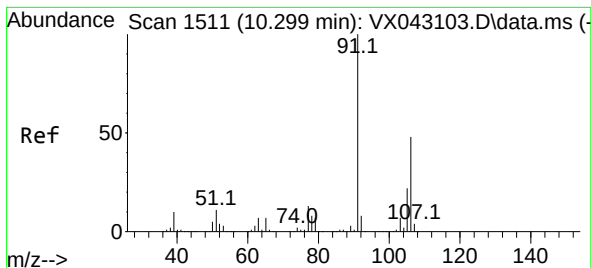
Reviewed By :Mahesh Dadoda 10/01/2024
Supervised By :Semsettin Yesilyurt 10/01/2024



#67
Ethyl Benzene
Concen: 75.666 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

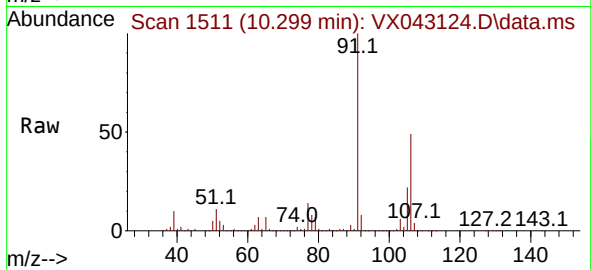
Tgt Ion: 91 Resp: 450935
Ion Ratio Lower Upper
91 100
106 31.7 24.2 36.4





#68
m/p-Xylenes
Concen: 623.056 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

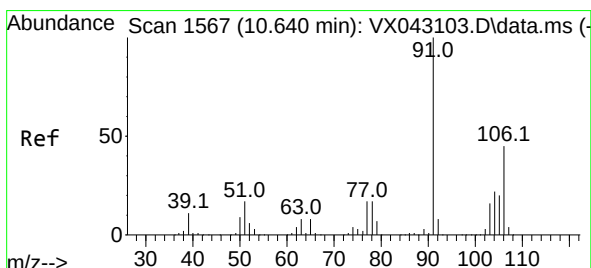
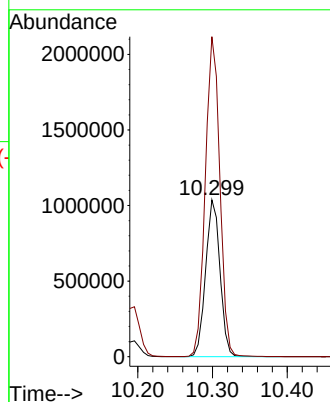
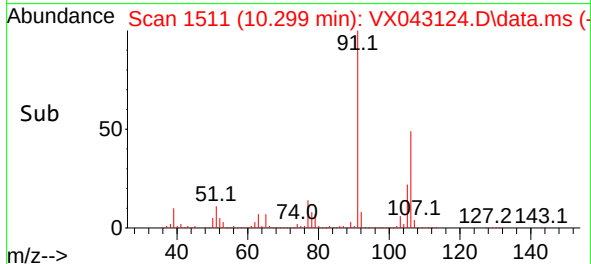
Instrument :
MSVOA_X
ClientSampleId :
2-SBG



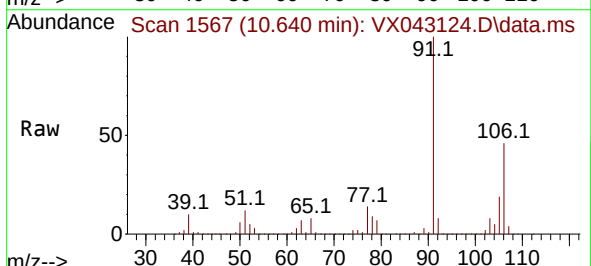
Tgt Ion:106 Resp: 1381823
Ion Ratio Lower Upper
106 100
91 206.7 167.5 251.3

Manual Integrations
APPROVED

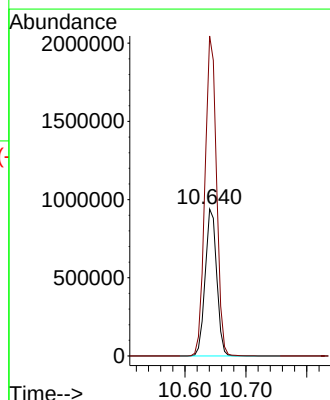
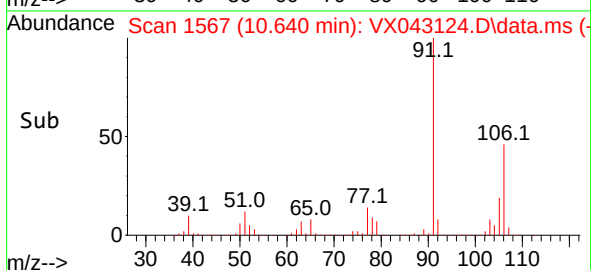
Reviewed By :Mahesh Dadoda 10/01/2024
Supervised By :Semsettin Yesilyurt 10/01/2024

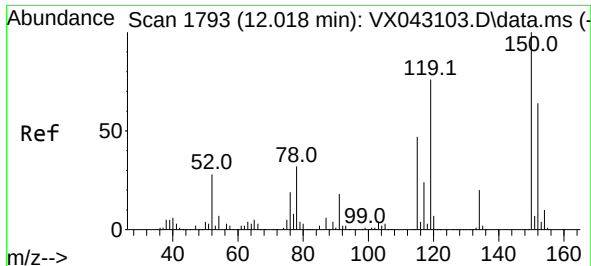


#69
o-Xylene
Concen: 556.273 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49



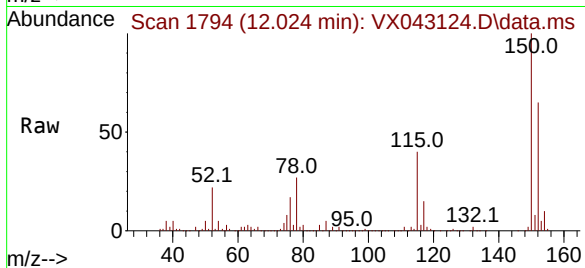
Tgt Ion:106 Resp: 1237407
Ion Ratio Lower Upper
106 100
91 218.4 112.5 337.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

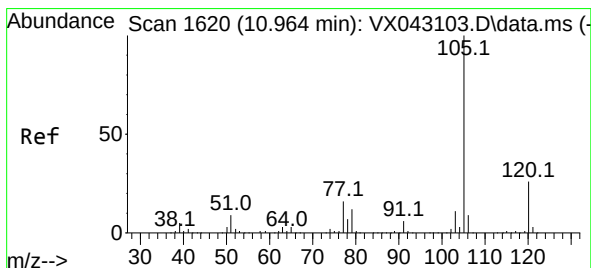
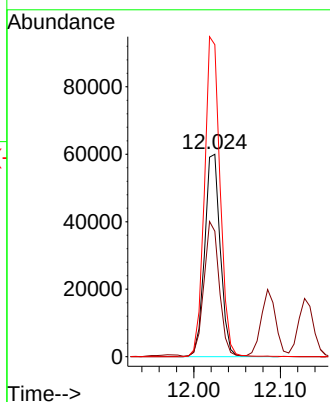
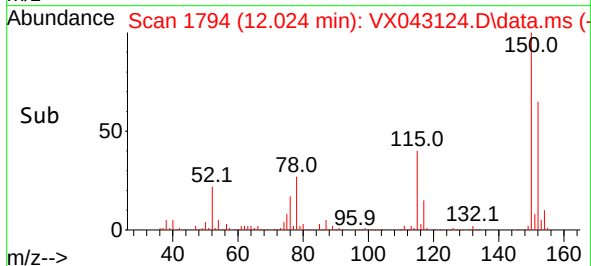
Instrument :
MSVOA_X
ClientSampleId :
2-SBG



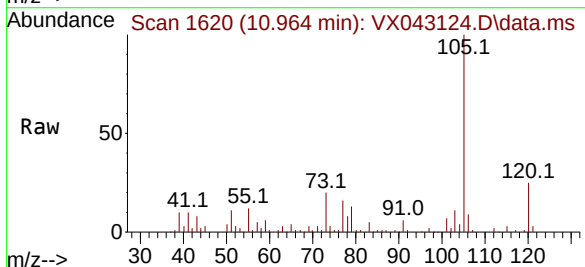
Tgt Ion:152 Resp: 75132
Ion Ratio Lower Upper
152 100
115 64.8 43.7 131.1
150 157.9 0.0 344.6

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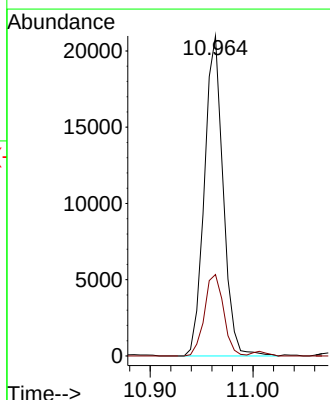
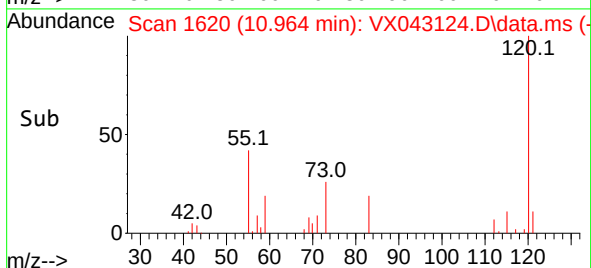
Reviewed By :Mahesh Dadoda 10/01/2024
Supervised By :Semsettin Yesilyurt 10/01/2024

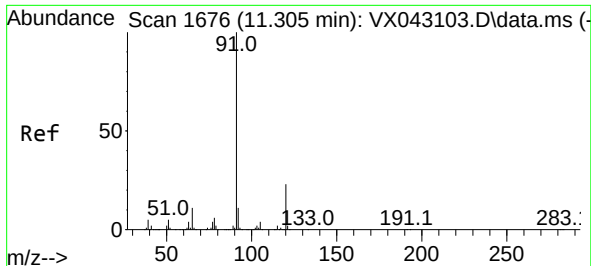


#73
Isopropylbenzene
Concen: 4.729 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49



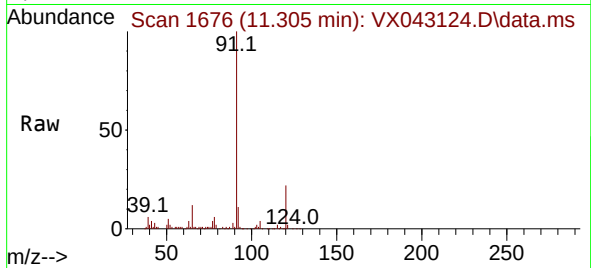
Tgt Ion:105 Resp: 26647
Ion Ratio Lower Upper
105 100
120 26.0 13.0 39.0





#78
n-propylbenzene
Concen: 7.045 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

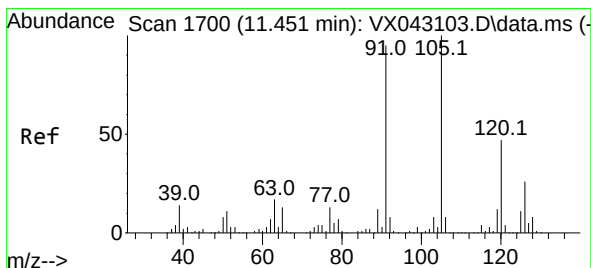
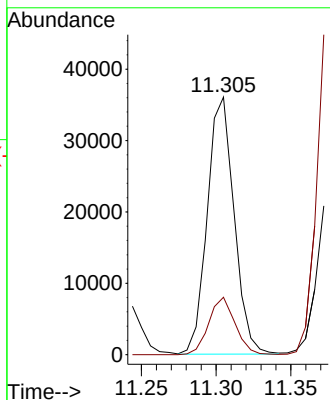
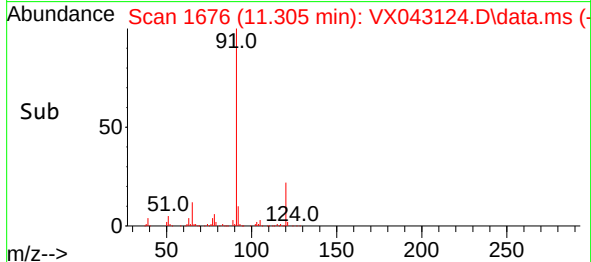
Instrument :
MSVOA_X
ClientSampleId :
2-SBG



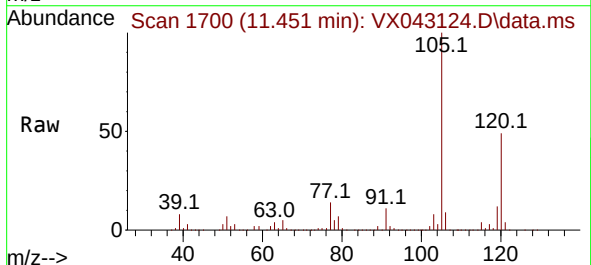
Tgt Ion: 91 Resp: 45038
Ion Ratio Lower Upper
91 100
120 22.0 11.5 34.5

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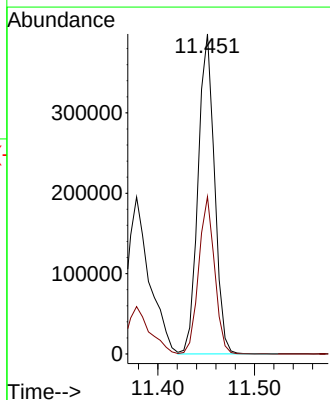
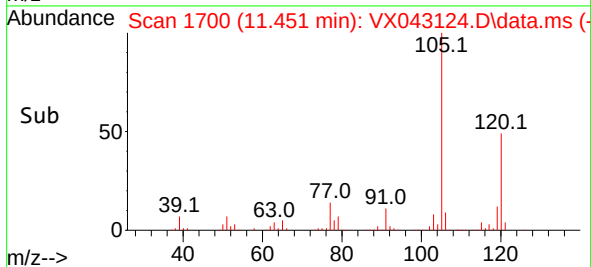
Reviewed By :Mahesh Dadoda 10/01/2024
Supervised By :Semsettin Yesilyurt 10/01/2024

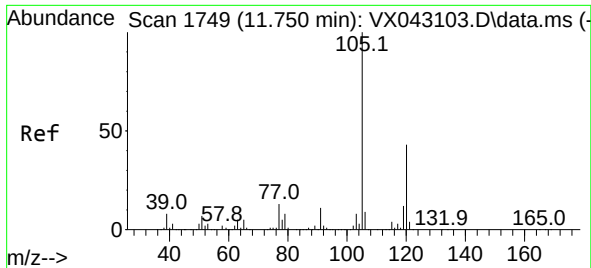


#80
1,3,5-Trimethylbenzene
Concen: 100.720 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49



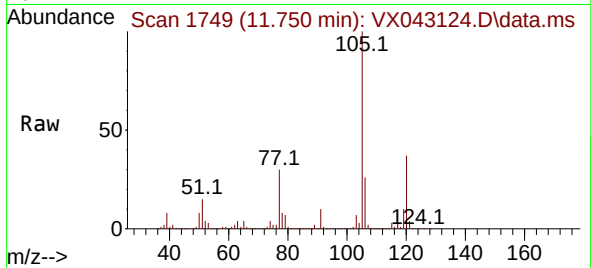
Tgt Ion:105 Resp: 469548
Ion Ratio Lower Upper
105 100
120 47.5 23.5 70.5





#84
 1,2,4-Trimethylbenzene
 Concen: 263.496 ug/l
 RT: 11.750 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX043124.D
 Acq: 24 Sep 2024 15:49

Instrument :
 MSVOA_X
 ClientSampleId :
 2-SBG



Tgt Ion:105 Resp: 122210
 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

