

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VW033296.D
 Acq On : 13 Dec 2023 23:08
 Operator : SY/MD
 Sample : 05731-22
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EOY68

Quant Time: Dec 13 23:38:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 23:30:39 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2023
 Supervised By :Mahesh Dadoda 12/18/2023

Supervised By :Mahesh
 Dadoda
 12/18/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	125345	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	123283	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	60765	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	39626	4.931	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery =	98.600%		
7) Chloroethane-d5	1.532	69	29637	4.959	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery =	99.200%		
11) 1,1-Dichloroethene-d2	2.060	65	15538	4.858	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery =	97.200%		
20) 2-Butanone-d5	3.805	46	55902	58.788	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery =	117.580%		
24) Chloroform-d	4.249	84	86315	5.150	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery =	103.000%		
26) 1,2-Dichloroethane-d4	4.947	65	40376	5.544	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery =	110.800%		
32) Benzene-d6	4.960	84	167215	5.243	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery =	104.800%		
36) 1,2-Dichloropropane-d6	5.989	67	38600	5.317	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery =	106.400%		
41) Toluene-d8	7.243	98	154560	4.974	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery =	99.400%		
43) trans-1,3-Dichloroprop...	7.555	79	17392	5.252	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery =	105.000%		
46) 2-Hexanone-d5	8.027	63	55720	60.271	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery =	120.540%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	27378	5.577	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery =	111.600%		
66) 1,2-Dichlorobenzene-d4	11.561	152	58349	5.452	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery =	109.000%		
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.281	62	2196	0.243	ug/L #	49
13) Acetone	2.140	43	5438m	8.080	ug/L	
14) Carbon disulfide	2.243	76	3373	0.144	ug/L #	75
22) cis-1,2-Dichloroethene	3.815	96	66566	7.415	ug/L	93
25) Chloroform	4.272	83	9170	0.570	ug/L	96
33) Benzene	5.018	78	9811	0.297	ug/L	100
34) Trichloroethene	5.838	95	12112	1.258	ug/L	96
35) Methylcyclohexane	6.050	83	3690	0.259	ug/L #	83
42) Toluene	7.317	91	79247	2.094	ug/L	100
51) Chlorobenzene	8.815	112	5157	0.199	ug/L	95
52) Ethylbenzene	8.950	91	51209	1.208	ug/L	100
53) m,p-Xylene	9.079	106	7329	0.420	ug/L	97
54) o-Xylene	9.484	106	3662	0.222	ug/L	99
55) Styrene	9.503	104	25760	0.950	ug/L	95
60) Isopropylbenzene	9.870	105	5248	0.130	ug/L	96
63) 1,2,4-Trimethylbenzene	10.857	105	10466	0.321	ug/L	99

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

Instrument :
MSVOA_V
ClientSampleId :
E0Y68

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt	12/16/2023
Supervised By :Mahesh Dadoda	12/18/2023

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Dadoda
12/18/2023

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Dadoda

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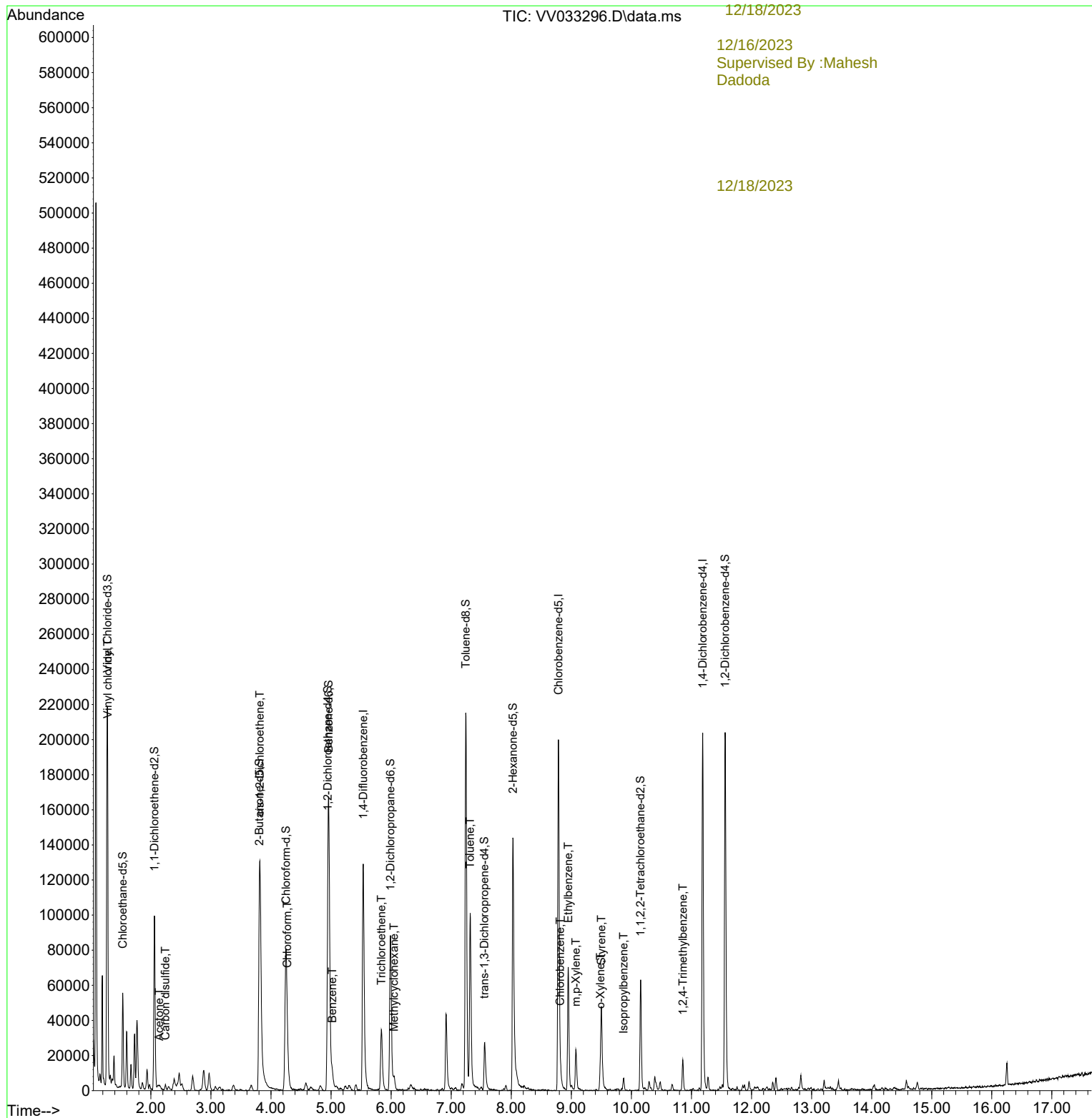
Manual Integrations
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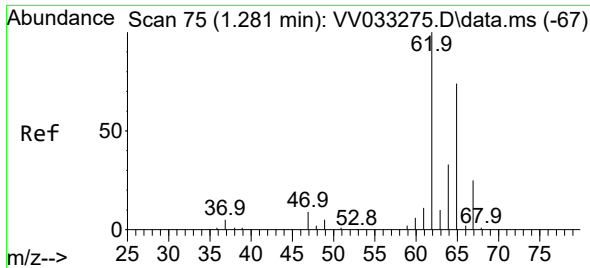
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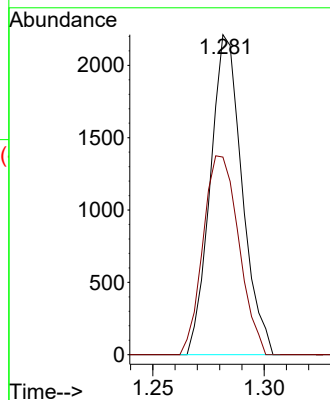
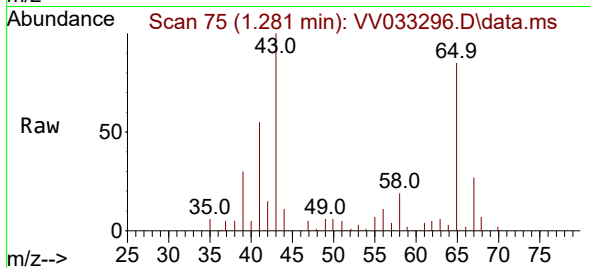
#5
 Vinyl chloride
 Concen: 0.243 ug/L
 RT: 1.281 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV033296.D
 Acq: 13 Dec 2023 23:08

Instrument :
 MSVOA_V
 ClientSampleId :
 E0Y68

Tgt Ion: 62 Resp: 2190
 Ion Ratio Lower Upper
 62 100
 64 61.8 23.0 42.8

Manual Integrations
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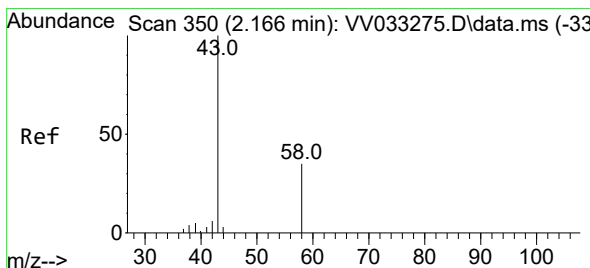
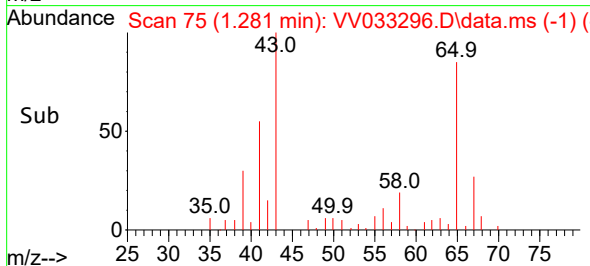
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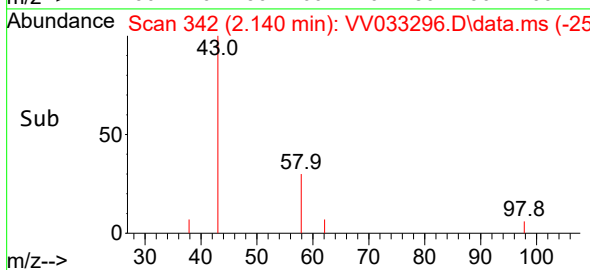
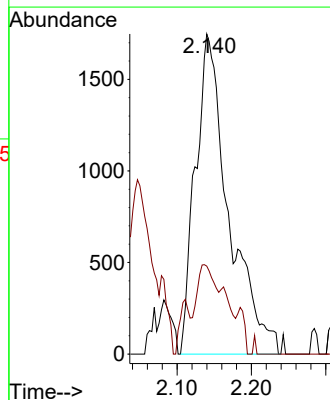
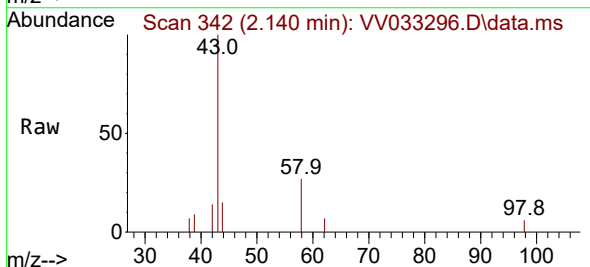
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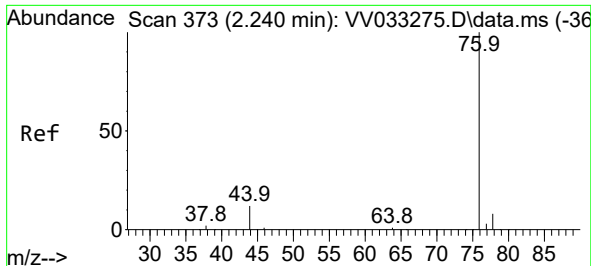
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#13
 Acetone
 Concen: 8.080 ug/L m
 RT: 2.140 min Scan# 342
 Delta R.T. -0.026 min
 Lab File: VV033296.D
 Acq: 13 Dec 2023 23:08

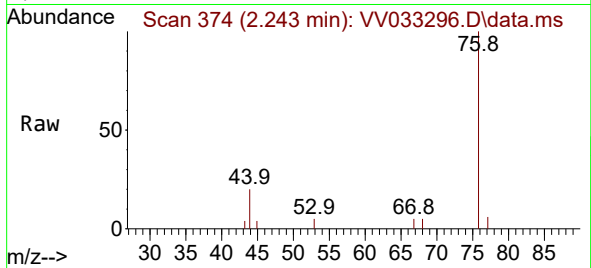
Tgt Ion: 43 Resp: 5438
 Ion Ratio Lower Upper
 43 100
 58 3.1 0.0 30.2





#14
Carbon disulfide
Concen: 0.144 ug/L
RT: 2.243 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV033296.D
Acq: 13 Dec 2023 23:08

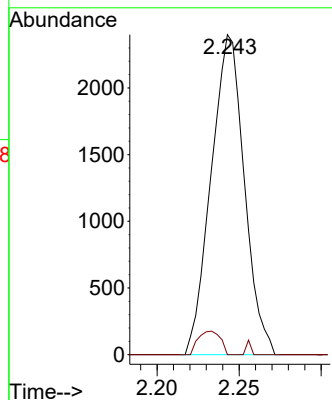
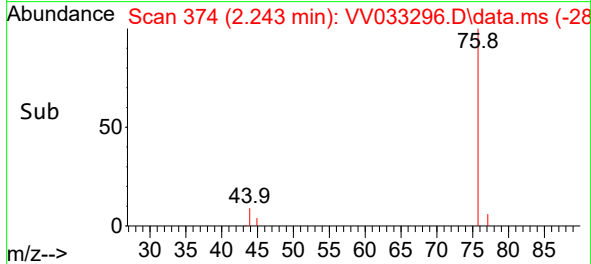
Instrument :
MSVOA_V
ClientSampleId :
E0Y68



Tgt Ion: 76 Resp: 337
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0

Manual Integrations
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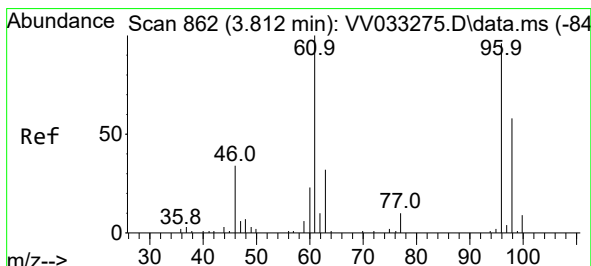
Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023



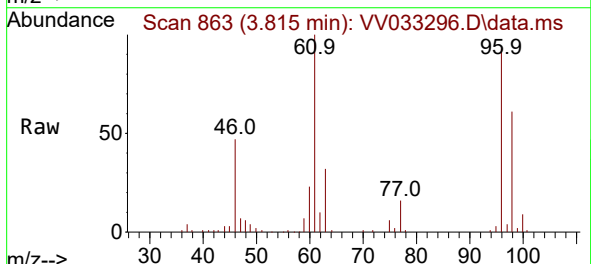
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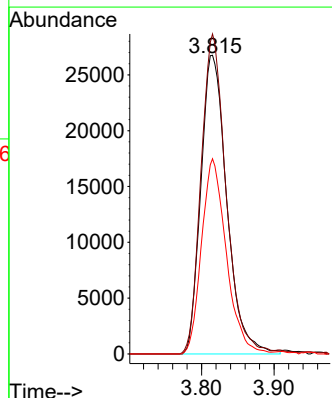
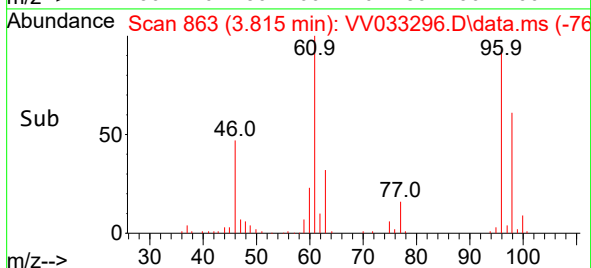
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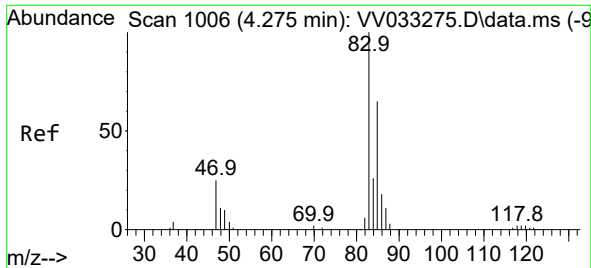


#22
cis-1,2-Dichloroethene
Concen: 7.415 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.003 min
Lab File: VV033296.D
Acq: 13 Dec 2023 23:08



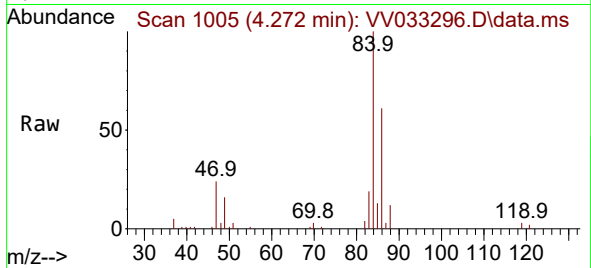
Tgt Ion: 96 Resp: 66566
Ion Ratio Lower Upper
96 100
61 107.1 69.9 129.9
98 65.4 42.4 78.8





#25
Chloroform
Concen: 0.570 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. -0.003 min
Lab File: VV033296.D
Acq: 13 Dec 2023 23:08

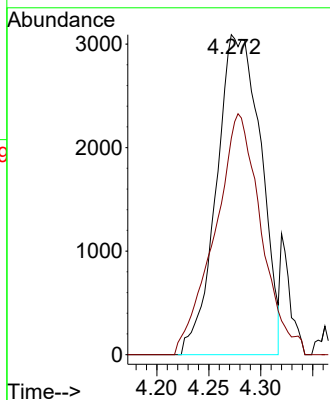
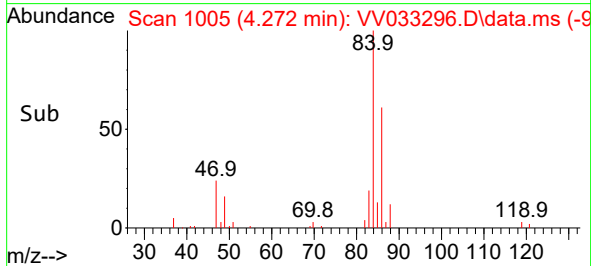
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Tgt Ion: 83 Resp: 9170
Ion Ratio Lower Upper
83 100
85 67.6 45.3 84.1

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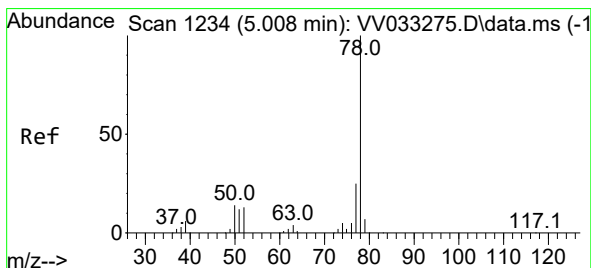
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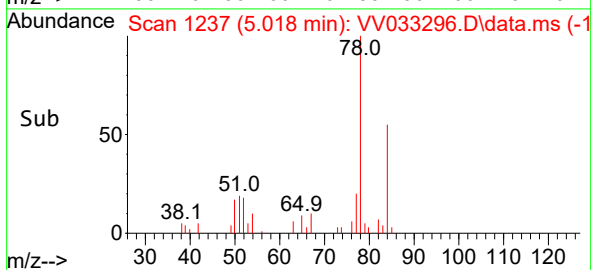
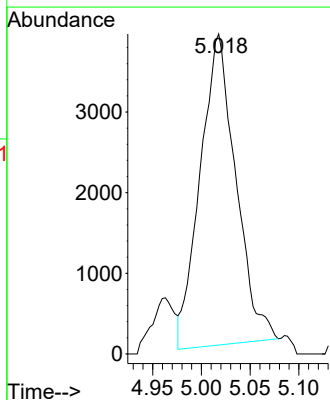
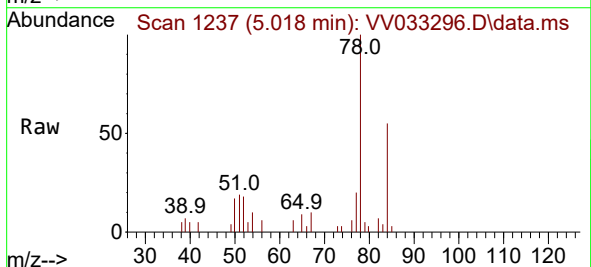
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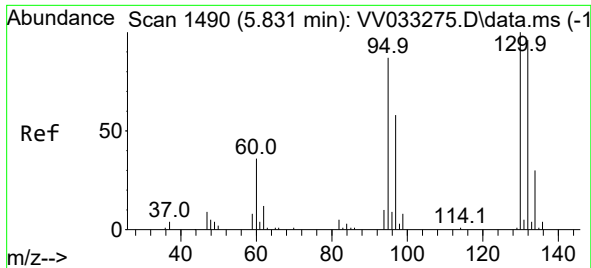
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#33
Benzene
Concen: 0.297 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.010 min
Lab File: VV033296.D
Acq: 13 Dec 2023 23:08

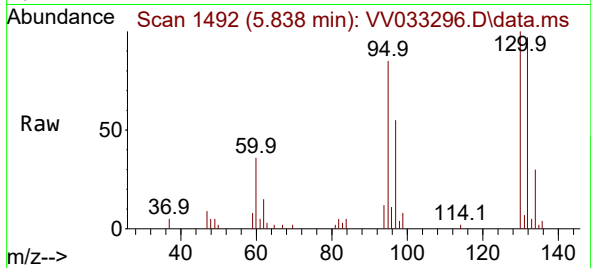
Tgt Ion: 78 Resp: 9811





#34
Trichloroethene
Concen: 1.258 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.006 min
Lab File: VV033296.D
Acq: 13 Dec 2023 23:08

Instrument :
MSVOA_V
ClientSampleId :
E0Y68



Tgt Ion: 95 Resp: 1211
Ion Ratio Lower Upper
95 100
97 64.4 46.5 86.5
132 113.5 75.1 139.5
130 117.2 79.3 147.3

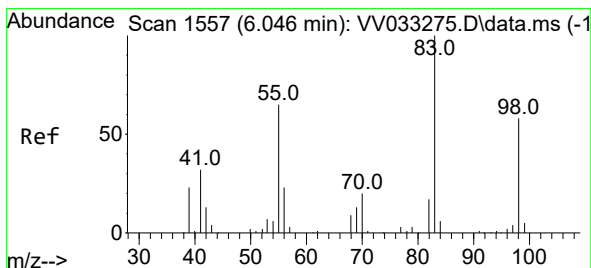
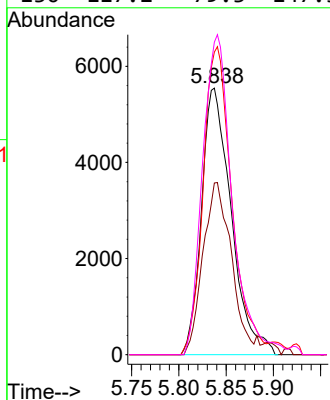
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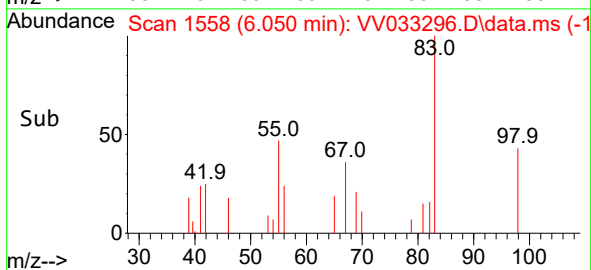
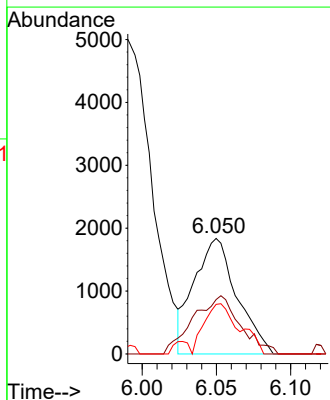
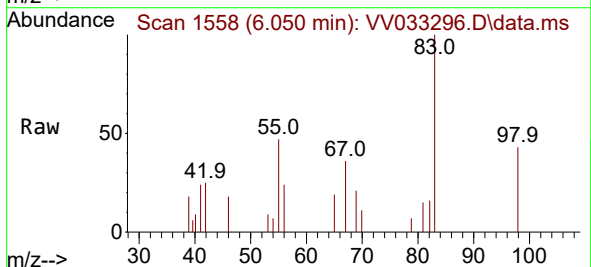
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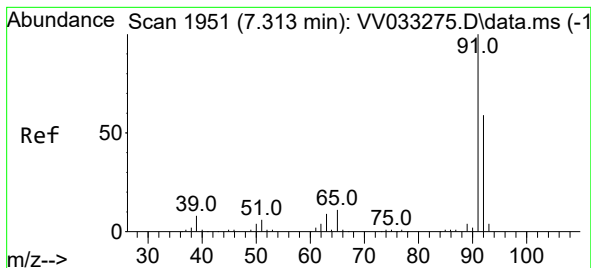
12/18/2023



#35
Methylcyclohexane
Concen: 0.259 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.003 min
Lab File: VV033296.D
Acq: 13 Dec 2023 23:08

Tgt Ion: 83 Resp: 3690
Ion Ratio Lower Upper
83 100
55 55.1 50.7 76.1
98 35.9 42.4 63.6#





#42

Toluene

Concen: 2.094 ug/L

RT: 7.317 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV033296.D

Acq: 13 Dec 2023 23:08

Instrument :

MSVOA_V

ClientSampleId :

E0Y68

Tgt Ion: 91 Resp: 7924

Ion Ratio Lower Upper

91 100

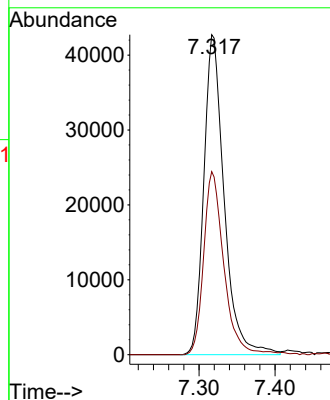
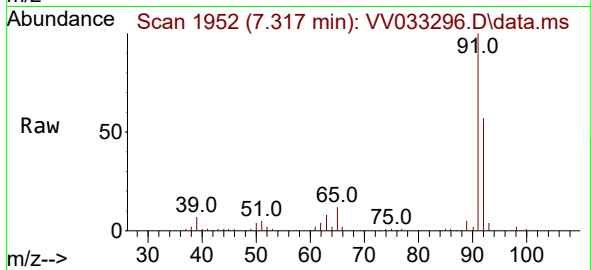
92 57.2 40.2 74.6

Manual Integrations

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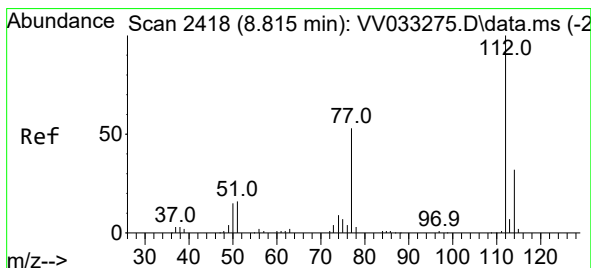
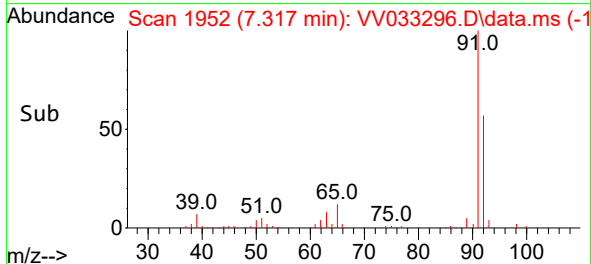
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#51

Chlorobenzene

Concen: 0.199 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. 0.000 min

Lab File: VV033296.D

Acq: 13 Dec 2023 23:08

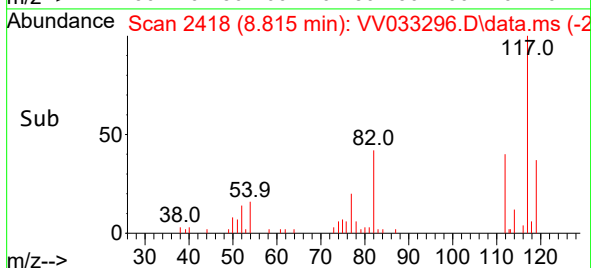
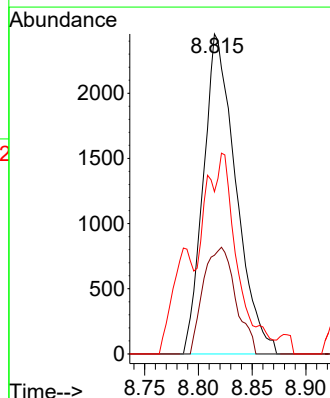
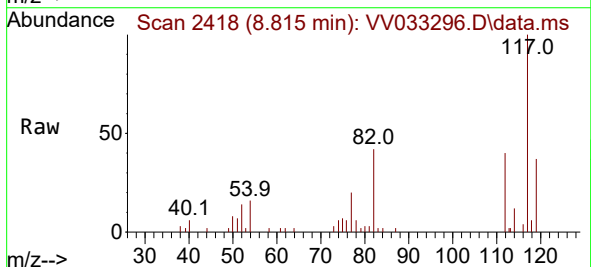
Tgt Ion:112 Resp: 5157

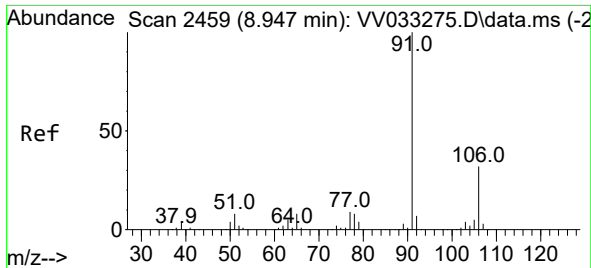
Ion Ratio Lower Upper

112 100

114 29.5 22.8 42.4

77 48.5 41.3 61.9





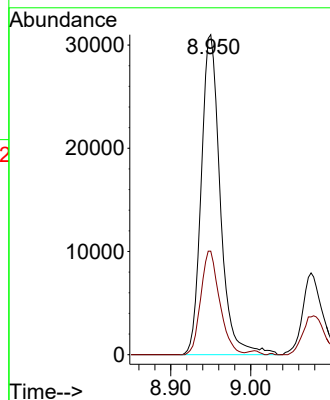
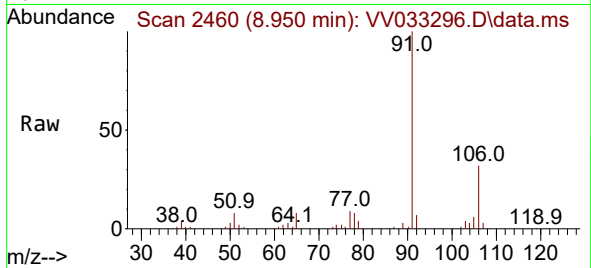
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Ethylbenzene
Concen: 1.208 ug/L
RT: 8.950 min Scan# 2459
Delta R.T. 0.003 min
Lab File: VV033296.D
Acq: 13 Dec 2023 23:08

Instrument :
MSVOA_V
ClientSampleId :
E0Y68

Tgt Ion: 91 Resp: 51209
Ion Ratio Lower Upper
91 100
106 32.4 22.7 42.3

Manual Integrations
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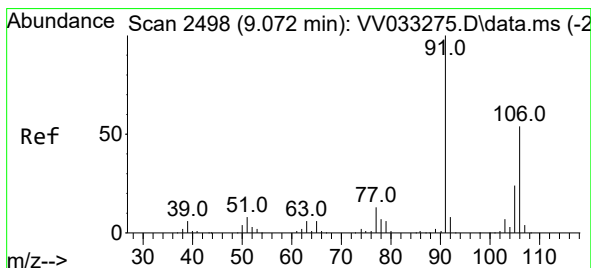
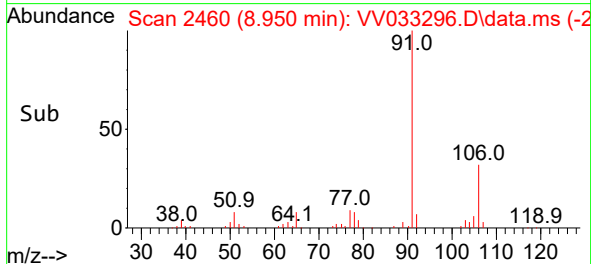
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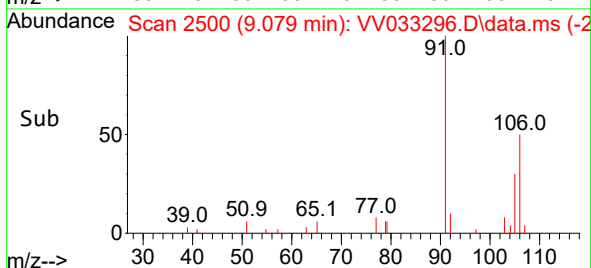
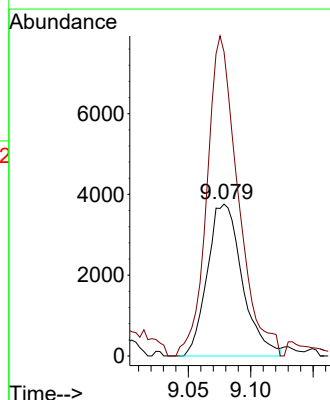
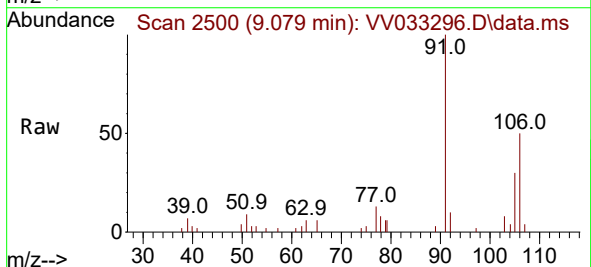
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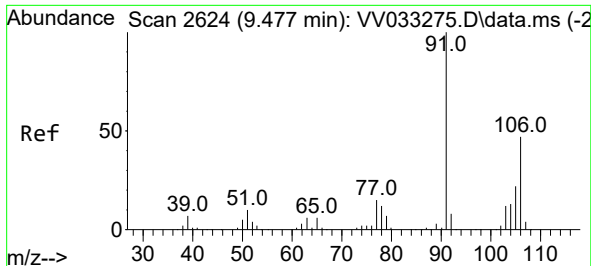
12/18/2023



#53
m,p-Xylene
Concen: 0.420 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.006 min
Lab File: VV033296.D
Acq: 13 Dec 2023 23:08

Tgt Ion:106 Resp: 7329
Ion Ratio Lower Upper
106 100
91 200.1 136.8 254.0





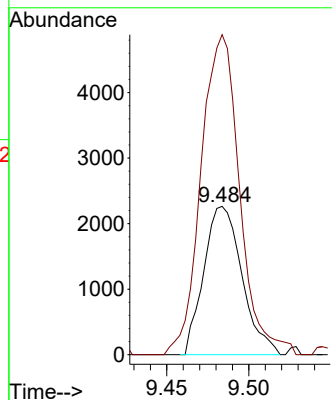
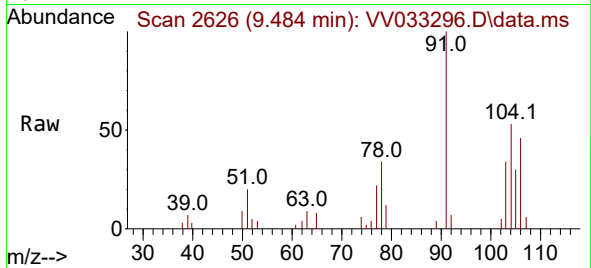
#54
o-Xylene
Concen: 0.222 ug/L
RT: 9.484 min Scan# 2624
Delta R.T. 0.006 min
Lab File: VV033296.D
Acq: 13 Dec 2023 23:08

Instrument :
MSVOA_V
ClientSampleId :
E0Y68

Tgt Ion:106 Resp: 366
Ion Ratio Lower Upper
106 100
91 215.8 149.9 278.5

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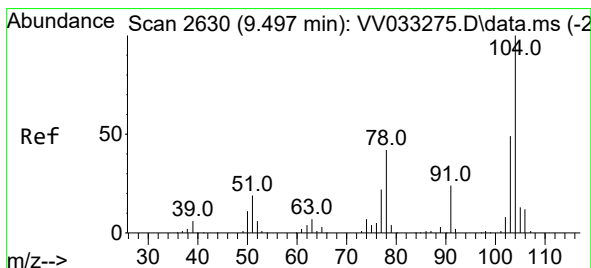
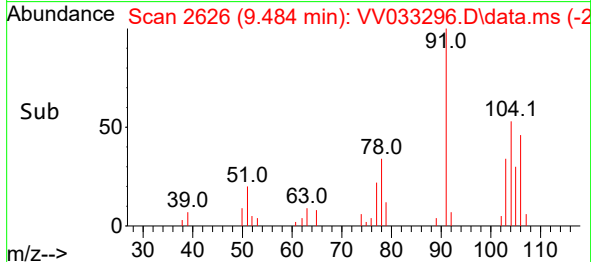
Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023



Supervised By :Mahesh
Dadoda
12/18/2023

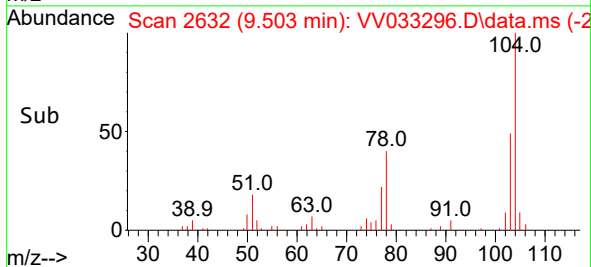
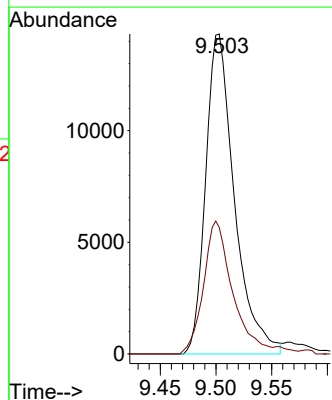
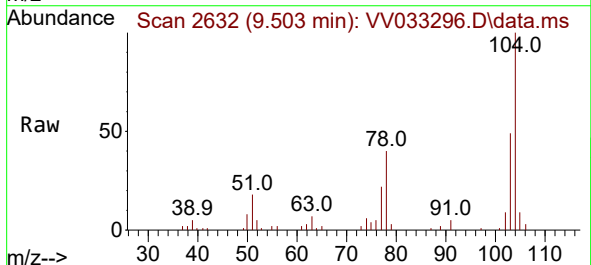
12/16/2023
Supervised By :Mahesh
Dadoda

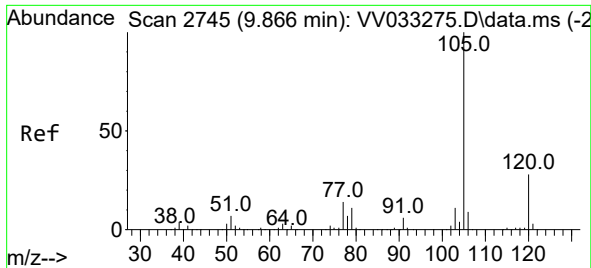
12/18/2023



#55
Styrene
Concen: 0.950 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.006 min
Lab File: VV033296.D
Acq: 13 Dec 2023 23:08

Tgt Ion:104 Resp: 25760
Ion Ratio Lower Upper
104 100
78 39.6 29.9 55.5





#60
Isopropylbenzene
Concen: 0.130 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV033296.D
Acq: 13 Dec 2023 23:08

Instrument :
MSVOA_V
ClientSampleId :
E0Y68

Tgt Ion:105 Resp: 5248
Ion Ratio Lower Upper
105 100
120 30.3 22.2 33.4
77 13.8 11.6 17.4

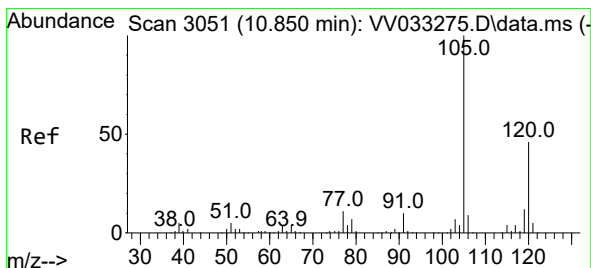
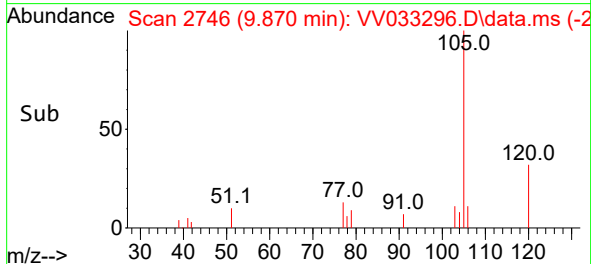
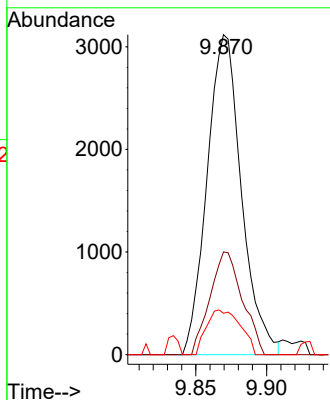
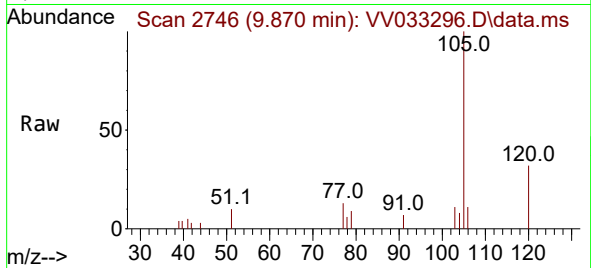
Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023

Supervised By :Mahesh
Dadoda
12/18/2023

12/16/2023
Supervised By :Mahesh
Dadoda

12/18/2023



#63
1,2,4-Trimethylbenzene
Concen: 0.321 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. 0.006 min
Lab File: VV033296.D
Acq: 13 Dec 2023 23:08

Tgt Ion:105 Resp: 10466
Ion Ratio Lower Upper
105 100
120 47.2 38.1 57.1

