

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101024\
 Data File : VU061095.D
 Acq On : 10 Oct 2024 17:35
 Operator : MD/SY
 Sample : P4380-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E27J0

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024
 Supervised By :Semsettin Yesilyurt 10/14/2024

Quant Time: Oct 11 08:54:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 11 06:46:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.258	114	169848	5.000	ug/L	0.02
28) Chlorobenzene-d5	9.412	117	156161	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	77286	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	40461	3.332	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	66.600%		
7) Chloroethane-d5	1.911	69	33716	3.709	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	74.200%		
11) 1,1-Dichloroethene-d2	2.557	65	18327	3.421	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	68.400%		
20) 2-Butanone-d5	4.714	46	114780	39.460	ug/L	0.09
Spiked Amount 50.000	Range 40 - 130		Recovery =	78.920%		
24) Chloroform-d	5.058	84	85328	3.987	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	79.800%		
26) 1,2-Dichloroethane-d4	5.717	65	44832	3.952	ug/L	0.02
Spiked Amount 5.000	Range 70 - 130		Recovery =	79.000%		
32) Benzene-d6	5.737	84	165375	4.016	ug/L	0.02
Spiked Amount 5.000	Range 70 - 125		Recovery =	80.400%		
36) 1,2-Dichloropropane-d6	6.695	67	57442	4.248	ug/L	0.01
Spiked Amount 5.000	Range 60 - 140		Recovery =	85.000%		
41) Toluene-d8	7.897	98	151331	3.932	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	78.600%		
43) trans-1,3-Dichloroprop...	8.180	79	22586	3.906	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	78.200%		
46) 2-Hexanone-d5	8.640	63	100935	42.177	ug/L	0.01
Spiked Amount 50.000	Range 45 - 130		Recovery =	84.360%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	40848	4.119	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	82.400%		
66) 1,2-Dichlorobenzene-d4	12.187	152	53481	4.328	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	86.600%		
Target Compounds						
5) Vinyl chloride	1.595	62	7138	0.595	ug/L #	1
13) Acetone	2.750	43	23592m	12.611	ug/L	
18) trans-1,2-Dichloroethene	3.332	96	6887	0.641	ug/L	88
22) cis-1,2-Dichloroethene	4.653	96	130320	10.883	ug/L	98
30) Cyclohexane	5.377	56	2123	0.105	ug/L	93
33) Benzene	5.782	78	28942	0.629	ug/L	100
34) Trichloroethene	6.547	95	128870	10.327	ug/L	97
35) Methylcyclohexane	6.762	83	1543	0.077	ug/L #	85
42) Toluene	7.965	91	1092412	22.274	ug/L	99
47) Tetrachloroethene	8.550	164	2357048	290.216	ug/L	95
52) Ethylbenzene	9.566	91	15058	0.271	ug/L	94
53) m,p-Xylene	9.685	106	34655	1.709	ug/L	95
54) o-Xylene	10.097	106	16714	0.838	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	20565	0.451	ug/L	97
63) 1,2,4-Trimethylbenzene	11.460	105	34964	0.760	ug/L	94
70) 1,2,4-trichlorobenzene	13.836	180	3515	0.294	ug/L #	85
72) 1,2,3-Trichlorobenzene	14.322	180	1677	0.169	ug/L #	67

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

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

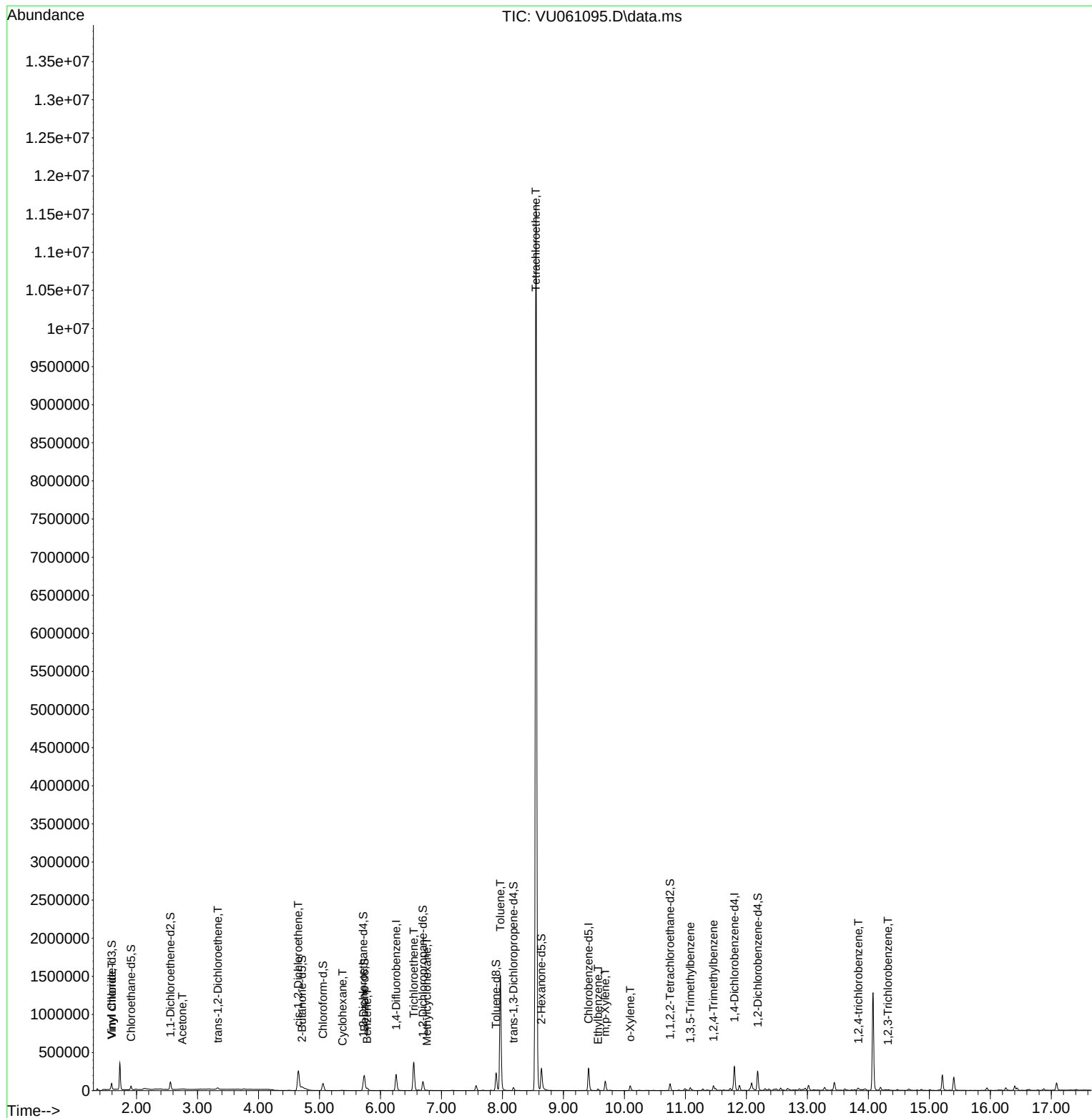
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101024\
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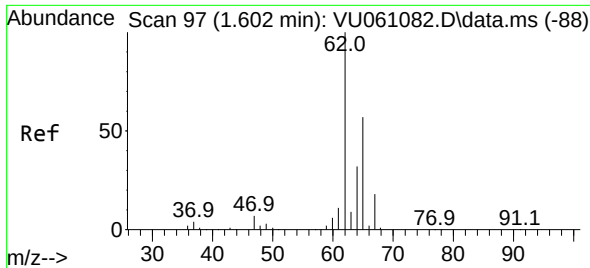
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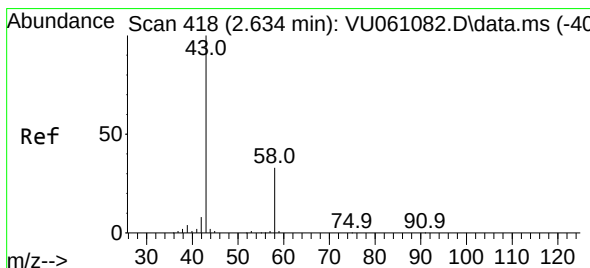
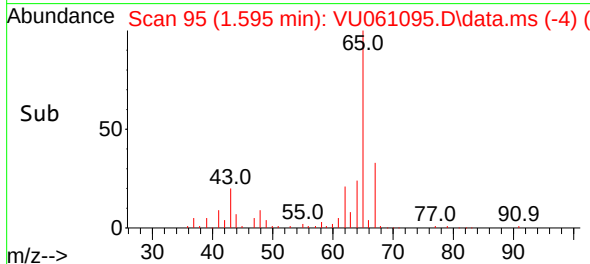
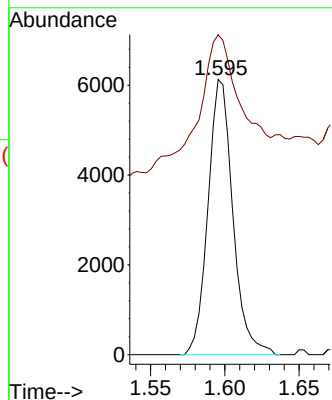
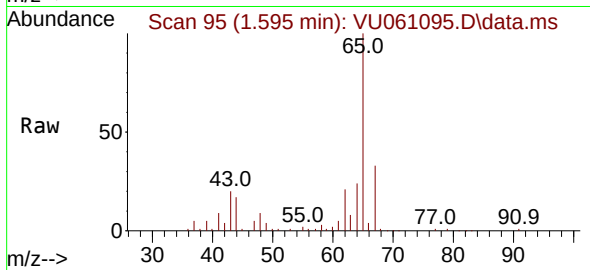
#5
 Vinyl chloride
 Concen: 0.595 ug/L
 RT: 1.595 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VU061095.D
 Acq: 10 Oct 2024 17:35

Instrument :
 MSVOA_U
 ClientSampleId :
 E27J0

Tgt Ion: 62 Resp: 7138
 Ion Ratio Lower Upper
 62 100
 64 116.3 24.0 44.6

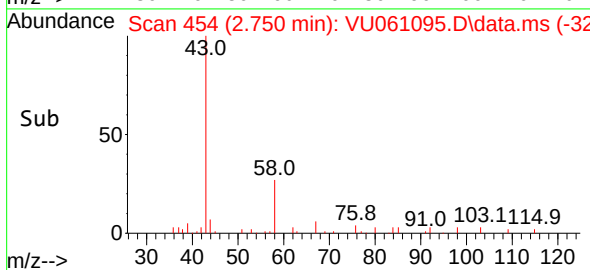
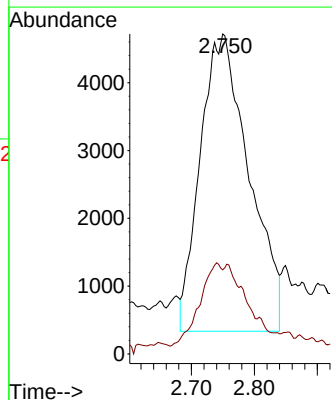
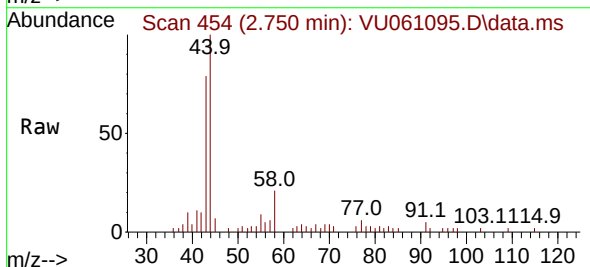
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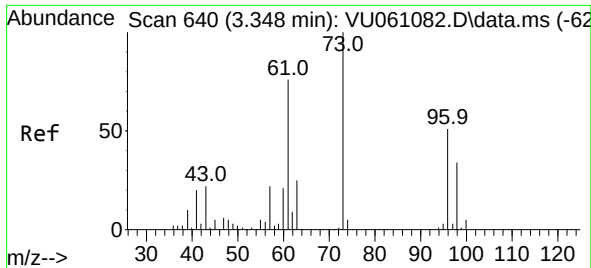
Reviewed By :Mahesh Dadoda 10/14/2024
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#13
 Acetone
 Concen: 12.611 ug/L m
 RT: 2.750 min Scan# 454
 Delta R.T. 0.116 min
 Lab File: VU061095.D
 Acq: 10 Oct 2024 17:35

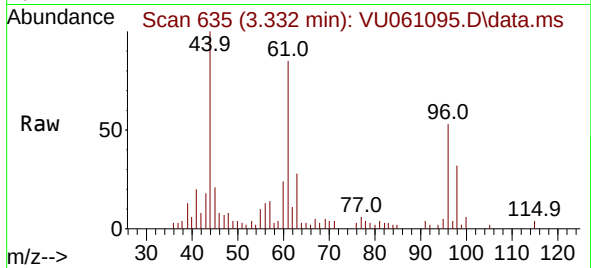
Tgt Ion: 43 Resp: 23592
 Ion Ratio Lower Upper
 43 100
 58 12.8 0.0 69.6





#18
trans-1,2-Dichloroethene
Concen: 0.641 ug/L
RT: 3.332 min Scan# 61
Delta R.T. -0.016 min
Lab File: VU061095.D
Acq: 10 Oct 2024 17:35

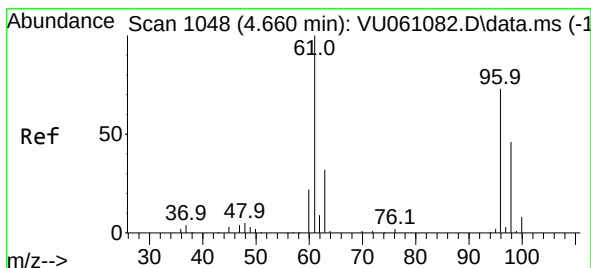
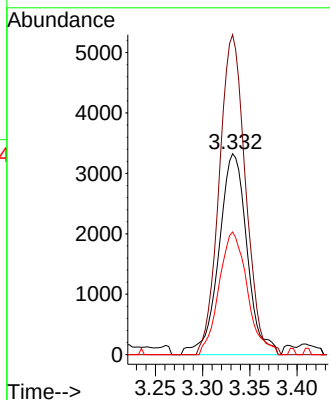
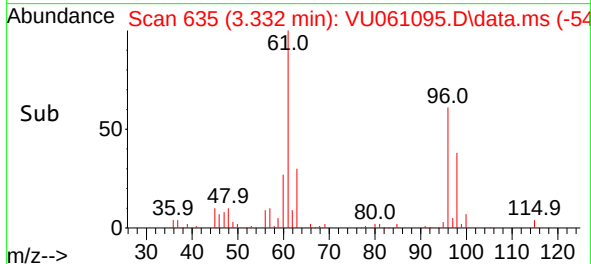
Instrument :
MSVOA_U
ClientSampleId :
E27J0



Tgt Ion: 96 Resp: 688
Ion Ratio Lower Upper
96 100
61 159.2 97.2 180.6
98 61.1 43.3 80.5

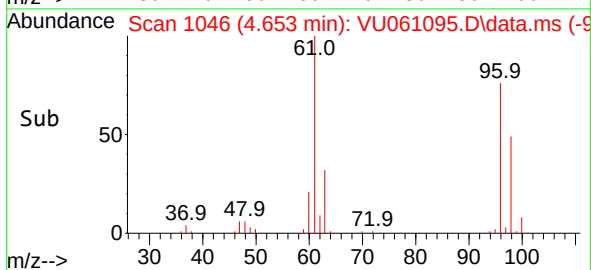
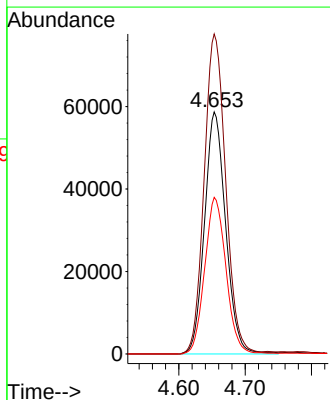
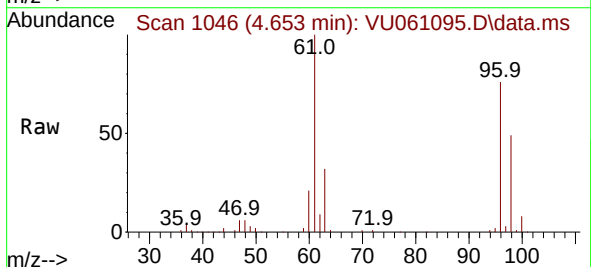
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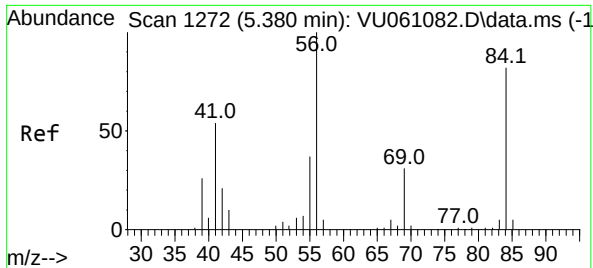
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#22
cis-1,2-Dichloroethene
Concen: 10.883 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.006 min
Lab File: VU061095.D
Acq: 10 Oct 2024 17:35

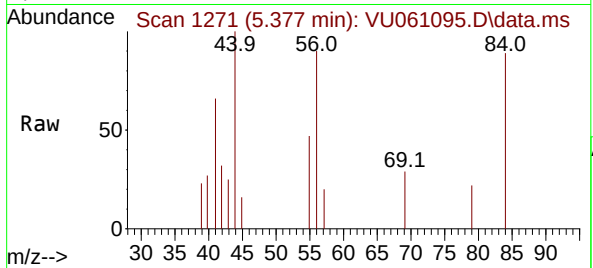
Tgt Ion: 96 Resp: 130320
Ion Ratio Lower Upper
96 100
61 132.2 89.7 166.5
98 64.7 45.1 83.9





#30
Cyclohexane
Concen: 0.105 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VU061095.D
Acq: 10 Oct 2024 17:35

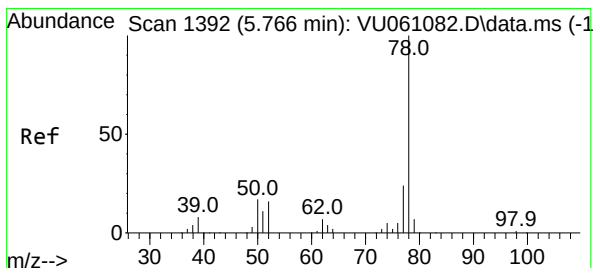
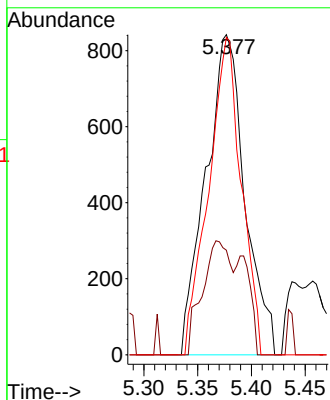
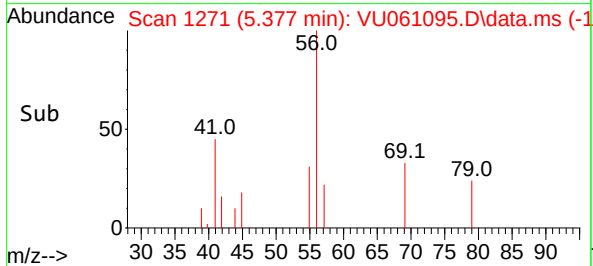
Instrument :
MSVOA_U
ClientSampleId :
E27J0



Tgt Ion: 56 Resp: 212
Ion Ratio Lower Upper
56 100
69 26.0 25.4 38.0
84 83.1 71.0 106.6

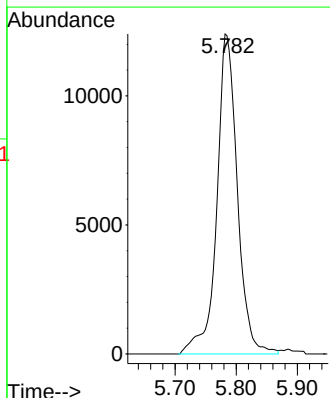
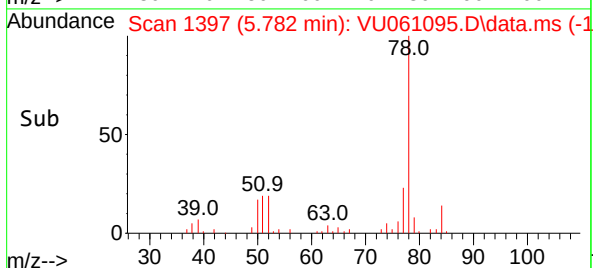
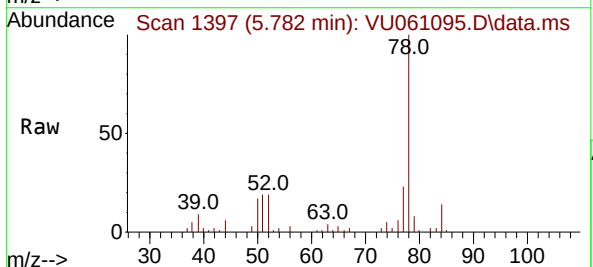
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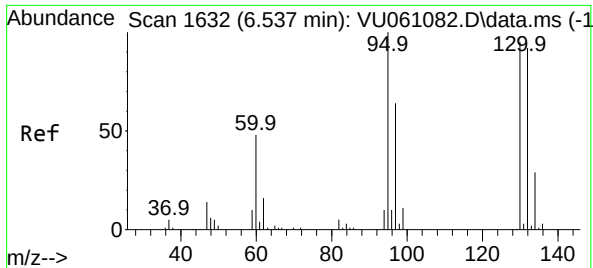
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#33
Benzene
Concen: 0.629 ug/L
RT: 5.782 min Scan# 1397
Delta R.T. 0.016 min
Lab File: VU061095.D
Acq: 10 Oct 2024 17:35

Tgt Ion: 78 Resp: 28942





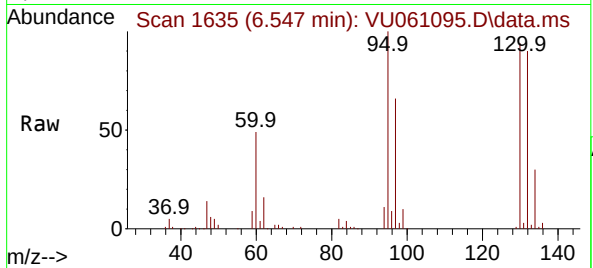
#34
Trichloroethene
Concen: 10.327 ug/L
RT: 6.547 min Scan# 1635
Delta R.T. 0.010 min
Lab File: VU061095.D
Acq: 10 Oct 2024 17:35

Instrument :

MSVOA_U

ClientSampleId :

E27J0

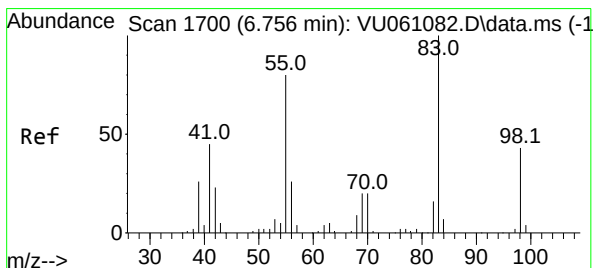
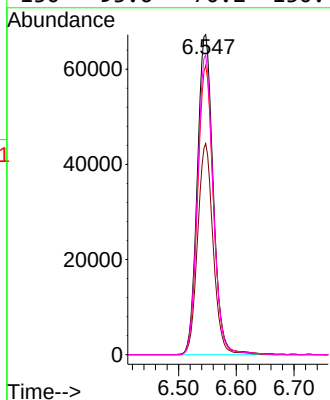
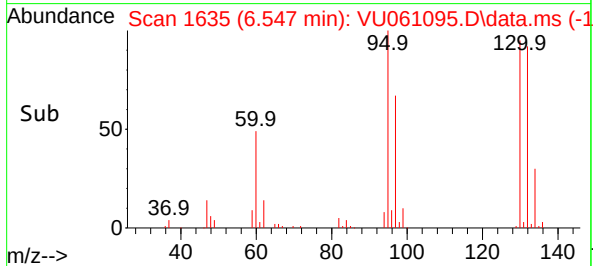


Tgt Ion: 95 Resp: 128870
Ion Ratio Lower Upper
95 100
97 66.0 44.9 83.5
132 90.4 63.5 117.9
130 93.6 70.2 130.4

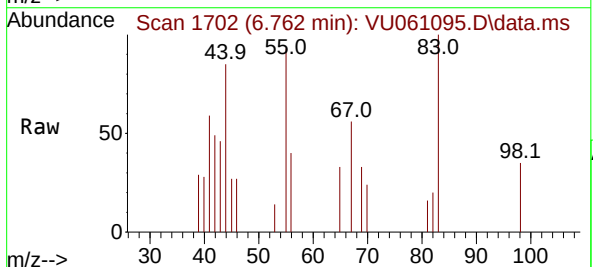
Manual Integrations

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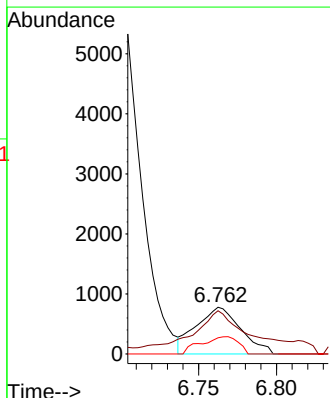
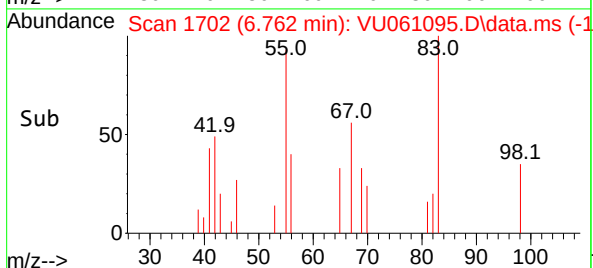
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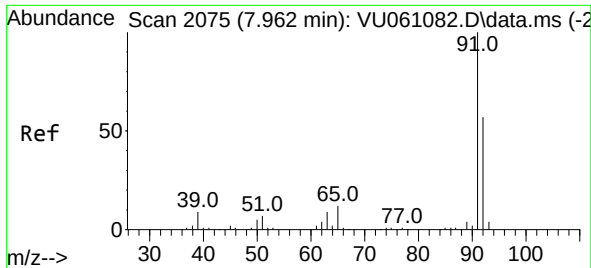


#35
Methylcyclohexane
Concen: 0.077 ug/L
RT: 6.762 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VU061095.D
Acq: 10 Oct 2024 17:35



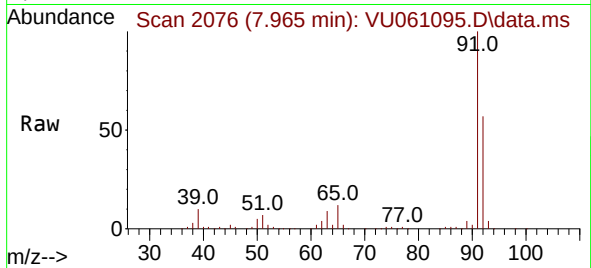
Tgt Ion: 83 Resp: 1543
Ion Ratio Lower Upper
83 100
55 86.2 62.6 94.0
98 30.8 37.6 56.4





#42
Toluene
Concen: 22.274 ug/L
RT: 7.965 min Scan# 2075
Delta R.T. 0.003 min
Lab File: VU061095.D
Acq: 10 Oct 2024 17:35

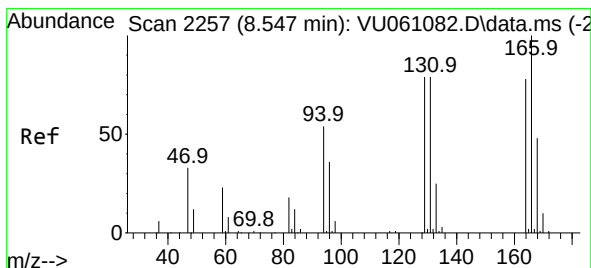
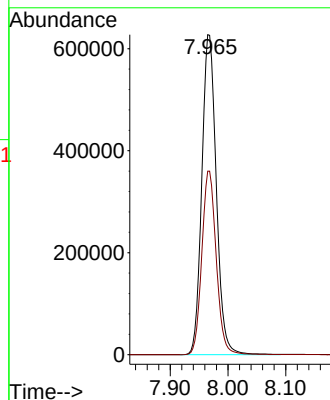
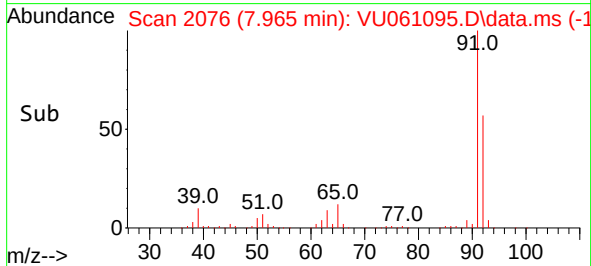
Instrument :
MSVOA_U
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Tgt Ion: 91 Resp: 109241
Ion Ratio Lower Upper
91 100
92 57.3 40.5 75.3

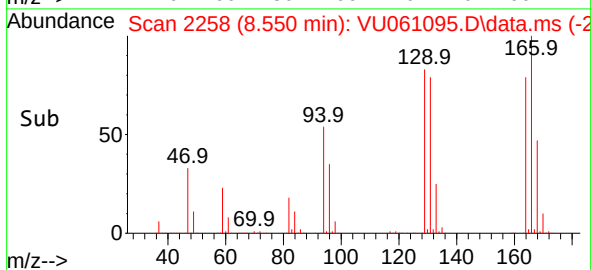
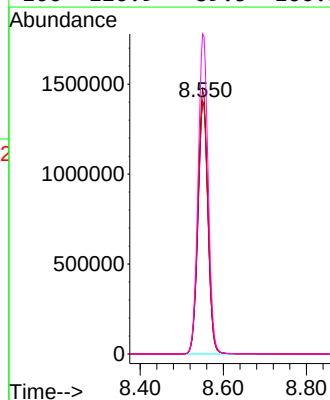
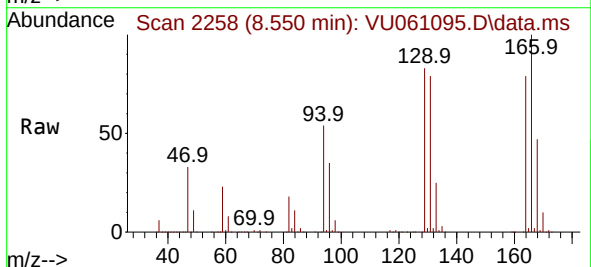
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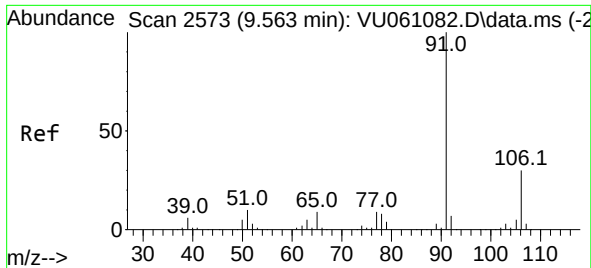
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#47
Tetrachloroethene
Concen: 290.216 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU061095.D
Acq: 10 Oct 2024 17:35

Tgt Ion:164 Resp: 2357048
Ion Ratio Lower Upper
164 100
129 104.8 67.3 124.9
131 100.4 65.4 121.4
166 126.9 89.5 166.1





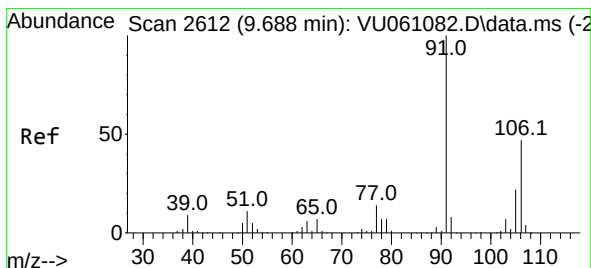
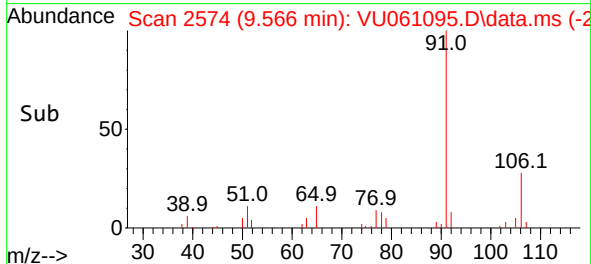
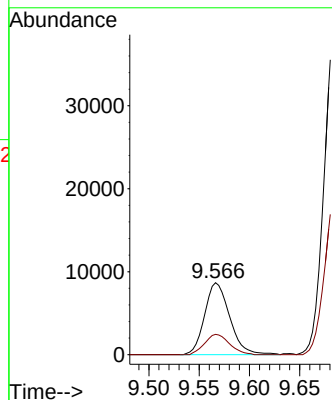
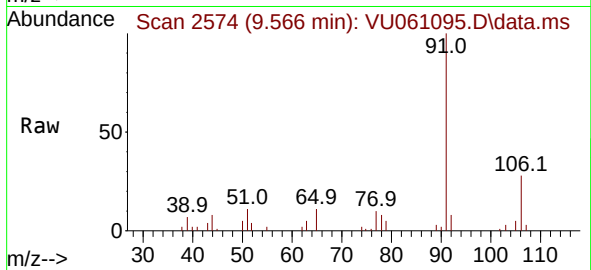
#52
Ethylbenzene
Concen: 0.271 ug/L
RT: 9.566 min Scan# 2105
Delta R.T. 0.003 min
Lab File: VU061095.D
Acq: 10 Oct 2024 17:35

Instrument :
MSVOA_U
ClientSampleId :
E27J0

Tgt Ion: 91 Resp: 15058
Ion Ratio Lower Upper
91 100
106 28.2 21.8 40.6

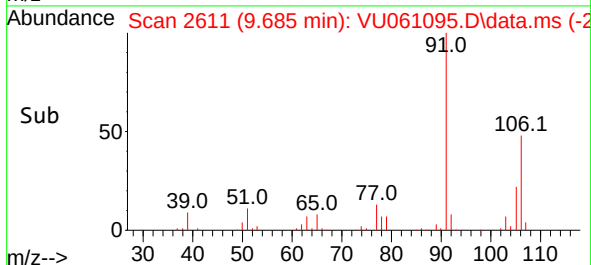
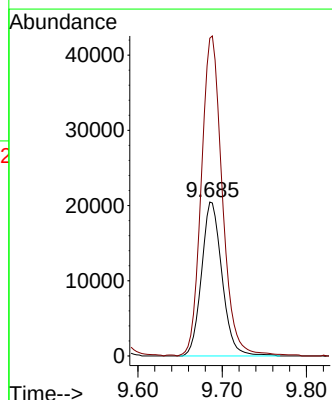
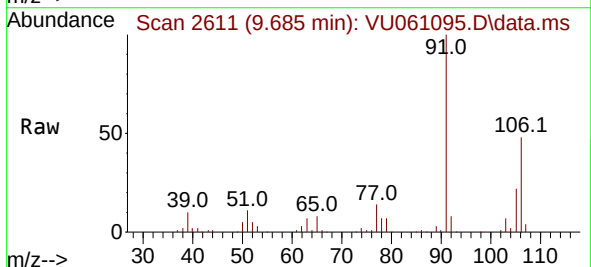
Manual Integrations
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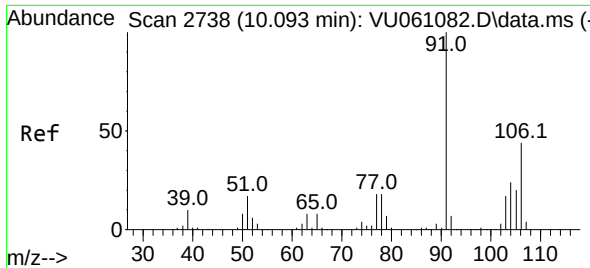
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#53
m,p-Xylene
Concen: 1.709 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.003 min
Lab File: VU061095.D
Acq: 10 Oct 2024 17:35

Tgt Ion:106 Resp: 34655
Ion Ratio Lower Upper
106 100
91 206.5 139.7 259.4





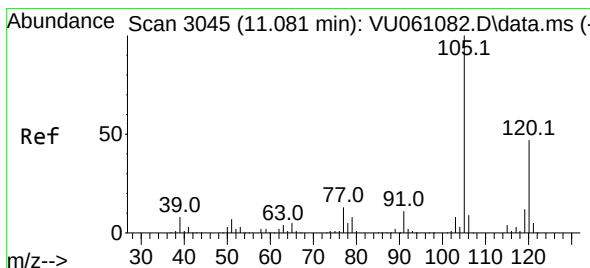
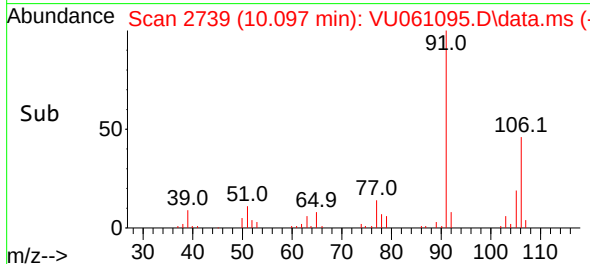
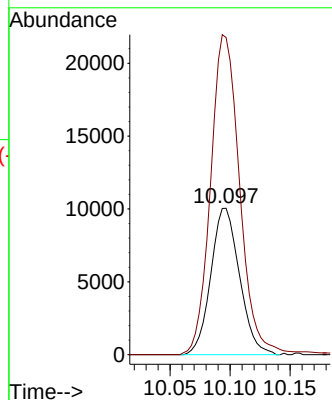
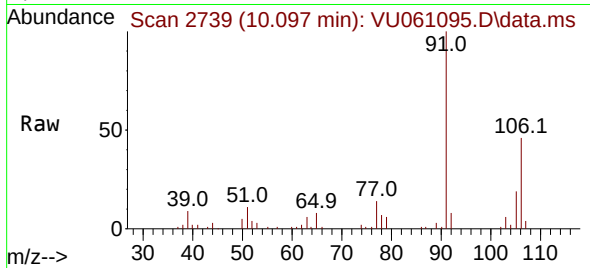
#54
o-Xylene
Concen: 0.838 ug/L
RT: 10.097 min Scan# 2106
Delta R.T. 0.003 min
Lab File: VU061095.D
Acq: 10 Oct 2024 17:35

Instrument :
MSVOA_U
ClientSampleId :
E27J0

Tgt Ion:106 Resp: 16714
Ion Ratio Lower Upper
106 100
91 216.6 148.6 276.0

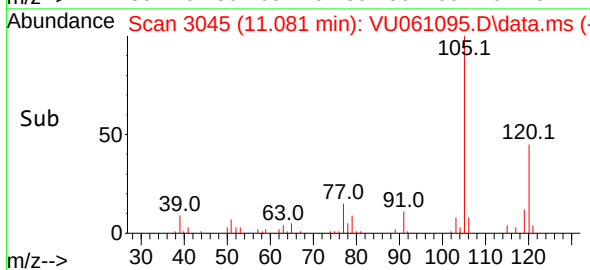
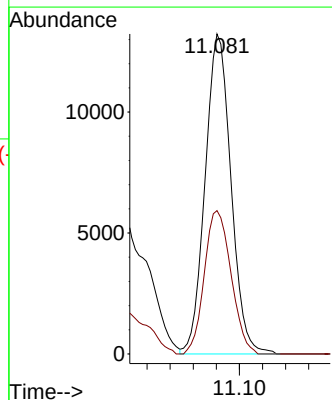
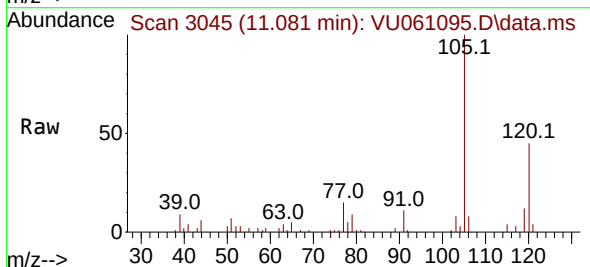
Manual Integrations
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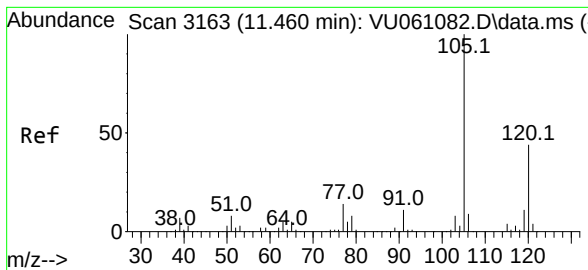
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#62
1,3,5-Trimethylbenzene
Concen: 0.451 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU061095.D
Acq: 10 Oct 2024 17:35

Tgt Ion:105 Resp: 20565
Ion Ratio Lower Upper
105 100
120 46.3 38.5 57.7





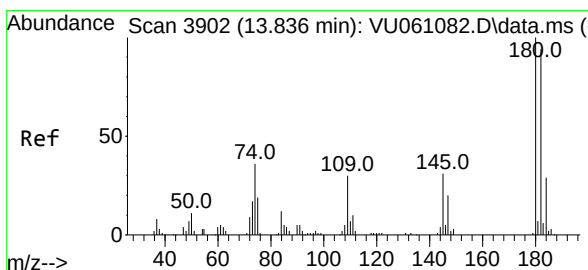
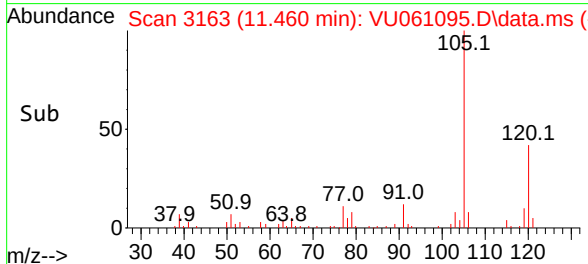
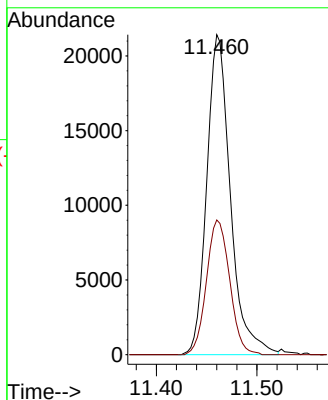
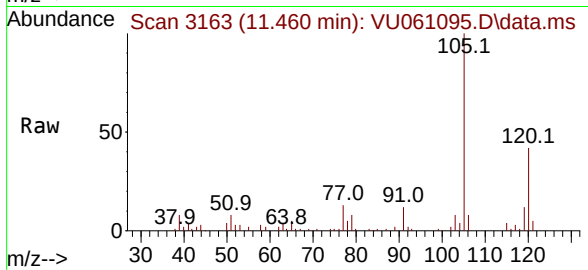
#63
1,2,4-Trimethylbenzene
Concen: 0.760 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU061095.D
Acq: 10 Oct 2024 17:35

Instrument :
MSVOA_U
ClientSampleId :
E27J0

Tgt Ion:105 Resp: 3496
Ion Ratio Lower Upper
105 100
120 41.4 36.1 54.1

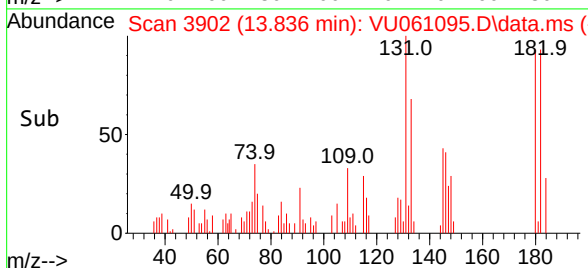
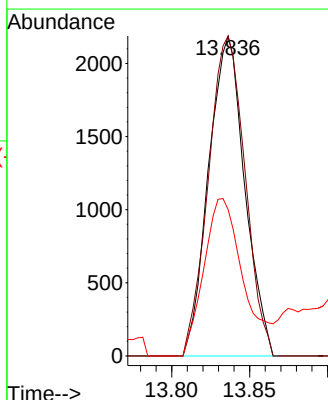
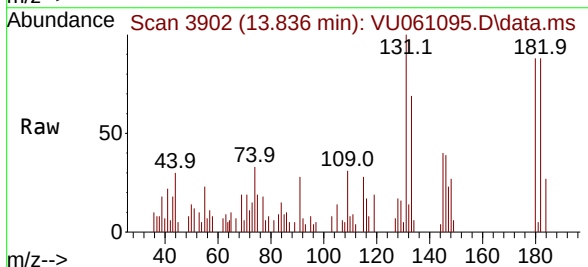
Manual Integrations
APPROVED

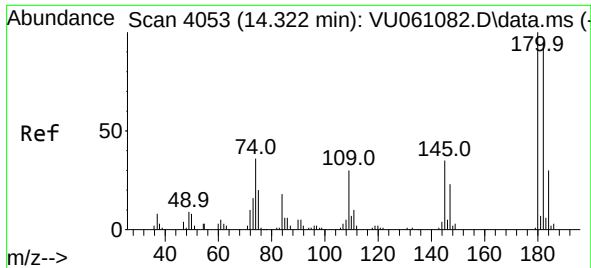
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#70
1,2,4-trichlorobenzene
Concen: 0.294 ug/L
RT: 13.836 min Scan# 3902
Delta R.T. 0.000 min
Lab File: VU061095.D
Acq: 10 Oct 2024 17:35

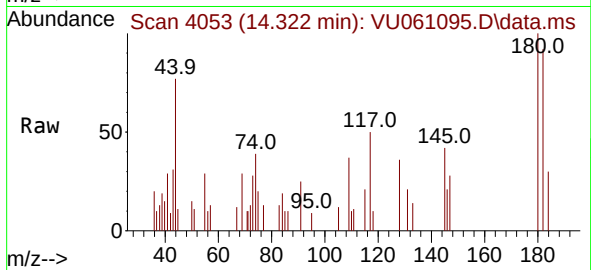
Tgt Ion:180 Resp: 3515
Ion Ratio Lower Upper
180 100
182 101.7 77.4 116.2
145 54.3 22.9 34.3#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.169 ug/L
 RT: 14.322 min Scan# 4053
 Delta R.T. 0.000 min
 Lab File: VU061095.D
 Acq: 10 Oct 2024 17:35

Instrument :
 MSVOA_U
 ClientSampleId :
 E27J0



Tgt Ion:180 Resp: 167
 Ion Ratio Lower Upper
 180 100
 182 89.4 75.7 113.5
 145 95.4 23.5 35.3

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024
 Supervised By :Semsettin Yesilyurt 10/14/2024

