

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
 Data File : VU060026.D
 Acq On : 18 Jul 2024 18:47
 Operator : MD/SY
 Sample : P3217-19 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YDZD6

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/24/2024
 Supervised By :Semsettin Yesilyurt 07/24/2024

Quant Time: Jul 19 01:36:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 19 01:30:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	148538	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	150234	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	80280	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	44924	4.347	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	87.000%		
7) Chloroethane-d5	1.907	69	41793	4.353	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	87.000%		
11) 1,1-Dichloroethene-d2	2.560	65	18238	4.520	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	90.400%		
20) 2-Butanone-d5	4.628	46	133234	55.142	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	110.280%		
24) Chloroform-d	5.055	84	93933	4.325	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	86.400%		
26) 1,2-Dichloroethane-d4	5.695	65	48170	4.763	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	95.200%		
32) Benzene-d6	5.721	84	190165	4.724	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	94.400%		
36) 1,2-Dichloropropane-d6	6.685	67	61115	4.765	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	95.200%		
41) Toluene-d8	7.891	98	157161	4.321	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	86.400%		
43) trans-1,3-Dichloroprop...	8.177	79	21066	4.825	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	96.400%		
46) 2-Hexanone-d5	8.627	63	107002	55.228	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	110.460%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	54241	4.752	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	95.000%		
66) 1,2-Dichlorobenzene-d4	12.190	152	71617	4.942	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	98.800%		
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	188870	12.418	ug/L	99
12) 1,1-Dichloroethene	2.573	96	5211	0.460	ug/L #	1
16) Methylene chloride	3.042	84	4544	0.327	ug/L	93
18) trans-1,2-Dichloroethene	3.354	96	1993	0.169	ug/L	85
22) cis-1,2-Dichloroethene	4.657	96	732957	55.488	ug/L	99
33) Benzene	5.769	78	14661	0.295	ug/L	100
42) Toluene	7.962	91	759122	14.373	ug/L	100
52) Ethylbenzene	9.566	91	62152	1.180	ug/L	99
53) m,p-Xylene	9.685	106	91319	4.488	ug/L	97
54) o-Xylene	10.097	106	71871	3.693	ug/L	95
60) Isopropylbenzene	10.479	105	13914m	0.265	ug/L	
62) 1,3,5-Trimethylbenzene	11.084	105	83420	2.079	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	258690	6.673	ug/L	100
67) 1,2-Dichlorobenzene	12.209	146	8893	0.329	ug/L	90

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

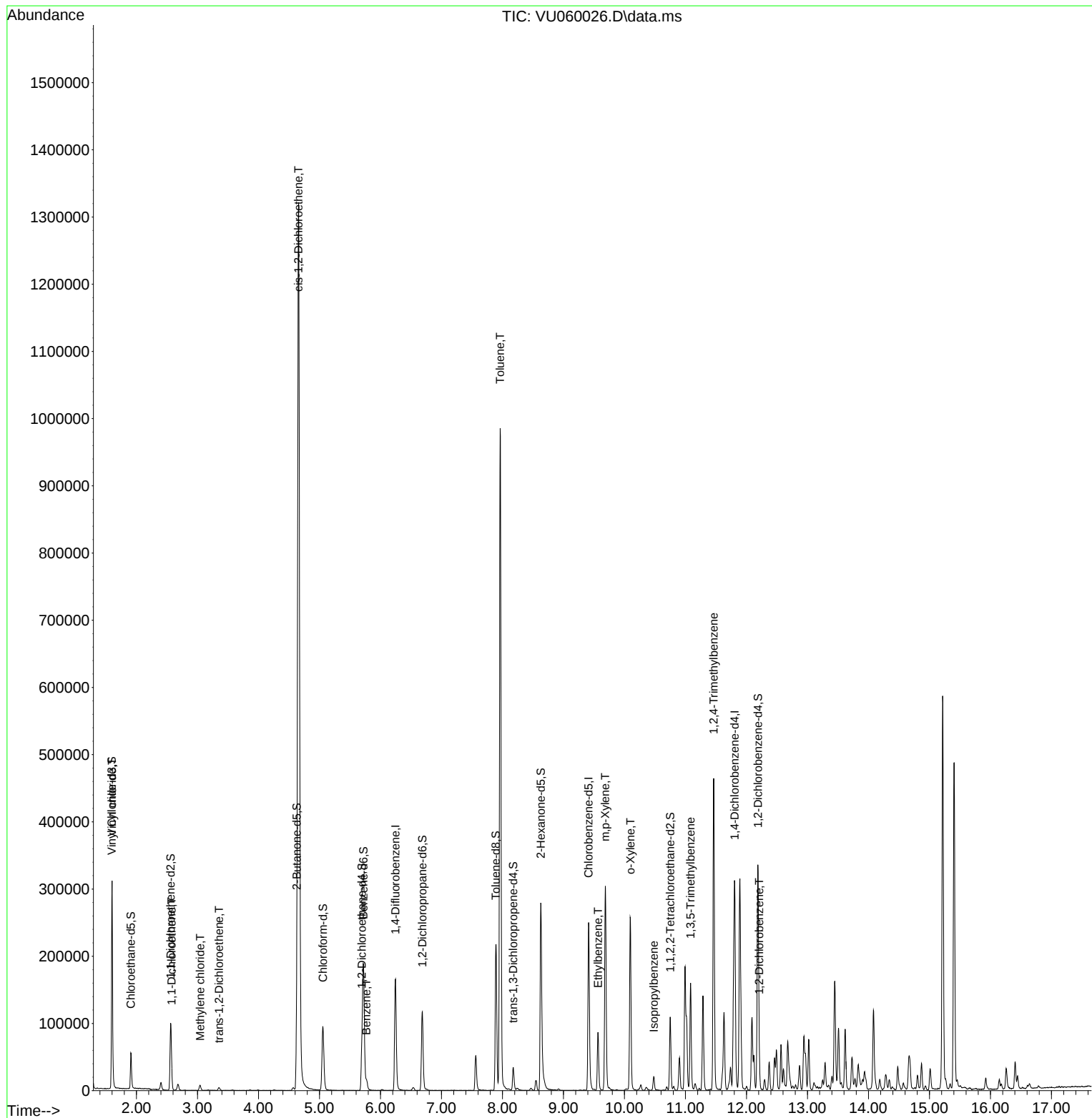
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060026.D
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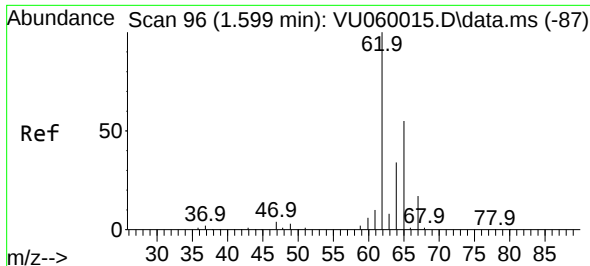
Instrument :
MSVOA_U
ClientSampleId :
YDZD6

Quant Time: Jul 19 01:36:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0
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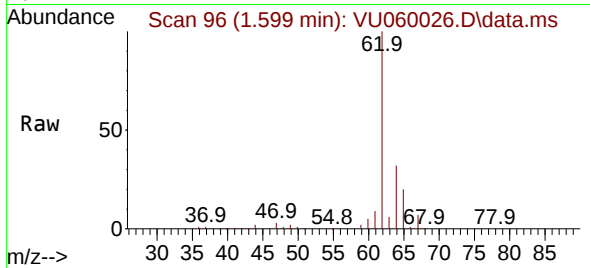
Reviewed By :Mahesh Dadoda 07/24/2024
Supervised By :Semsettin Yesilyurt 07/24/2024





#5
 Vinyl chloride
 Concen: 12.418 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VU060026.D
 Acq: 18 Jul 2024 18:47

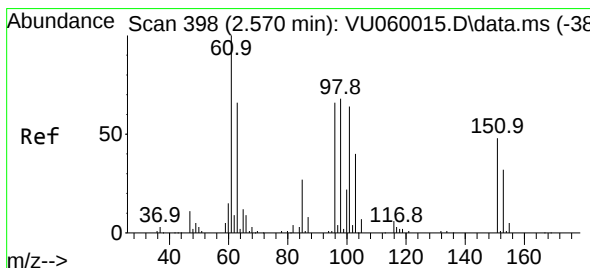
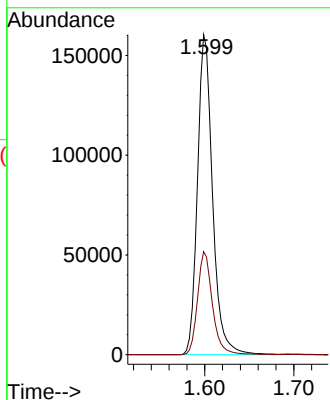
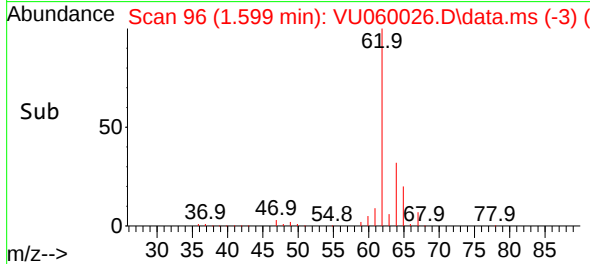
Instrument :
 MSVOA_U
 ClientSampleId :
 YDZD6



Tgt Ion: 62 Resp: 188870
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.8 42.4

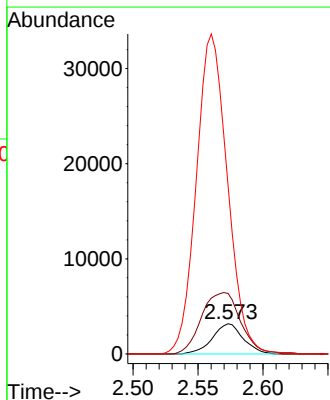
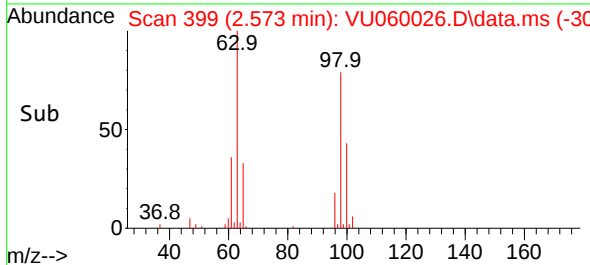
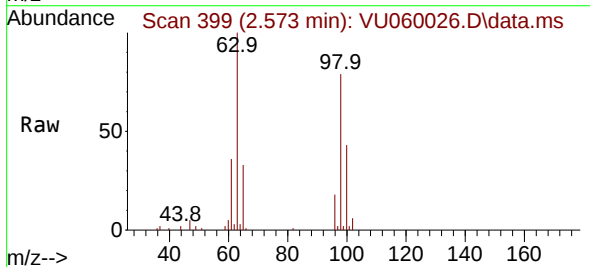
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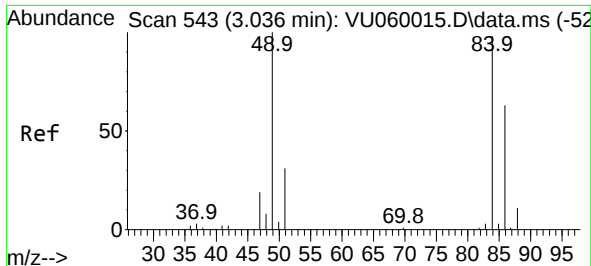
Reviewed By :Mahesh Dadoda 07/24/2024
 Supervised By :Semsettin Yesilyurt 07/24/2024



#12
 1,1-Dichloroethene
 Concen: 0.460 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.003 min
 Lab File: VU060026.D
 Acq: 18 Jul 2024 18:47

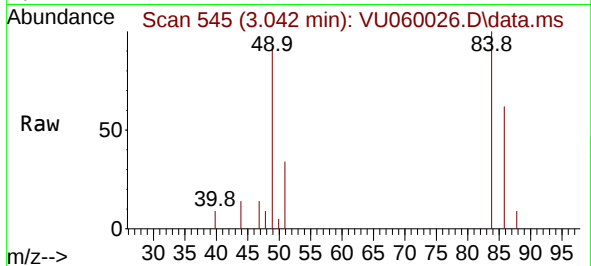
Tgt Ion: 96 Resp: 5211
 Ion Ratio Lower Upper
 96 100
 61 200.0 107.0 198.6#
 63 555.7 76.4 142.0#





#16
Methylene chloride
Concen: 0.327 ug/L
RT: 3.042 min Scan# 543
Delta R.T. 0.006 min
Lab File: VU060026.D
Acq: 18 Jul 2024 18:47

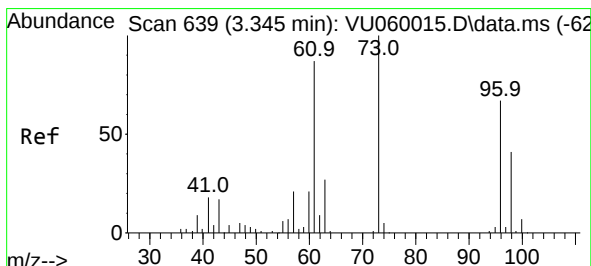
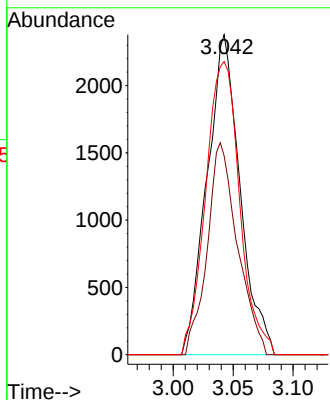
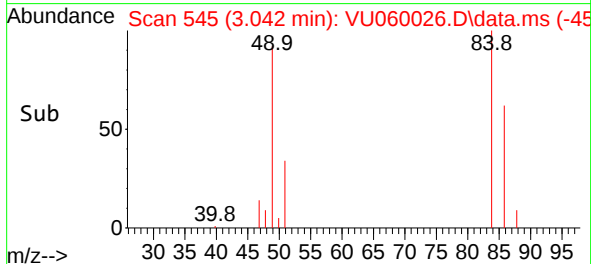
Instrument :
MSVOA_U
ClientSampleId :
YDZD6



Tgt Ion: 84 Resp: 4544
Ion Ratio Lower Upper
84 100
86 62.2 44.4 82.5
49 91.6 72.0 133.6

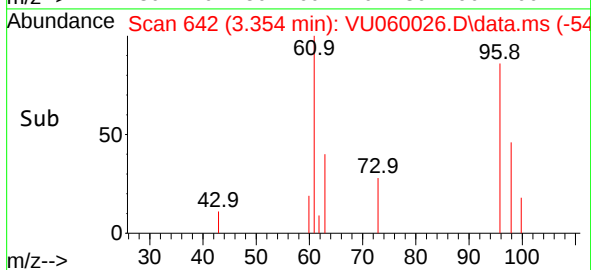
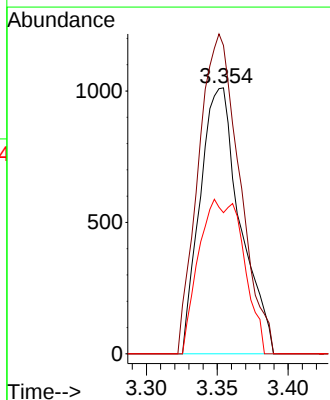
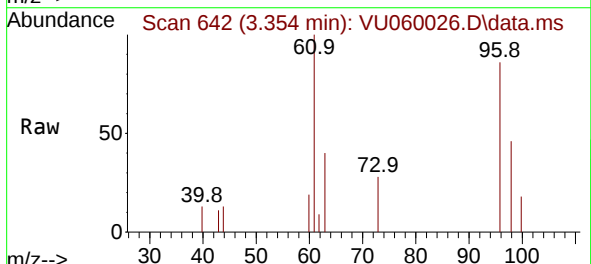
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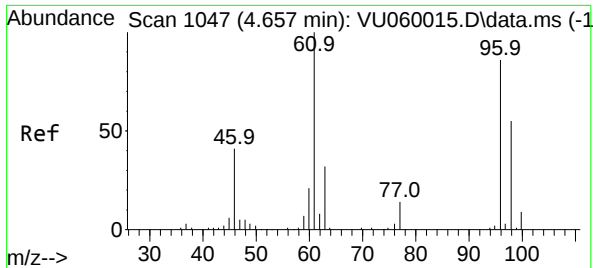
Reviewed By :Mahesh Dadoda 07/24/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#18
trans-1,2-Dichloroethene
Concen: 0.169 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.010 min
Lab File: VU060026.D
Acq: 18 Jul 2024 18:47

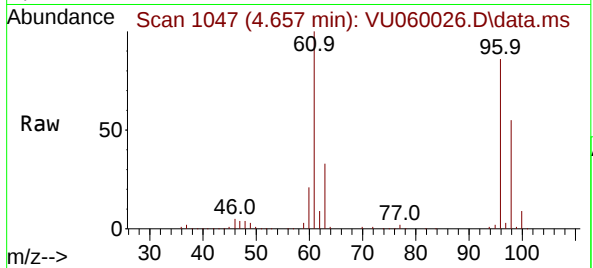
Tgt Ion: 96 Resp: 1993
Ion Ratio Lower Upper
96 100
61 115.9 91.6 170.0
98 53.1 47.7 88.5





#22
 cis-1,2-Dichloroethene
 Concen: 55.488 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU060026.D
 Acq: 18 Jul 2024 18:47

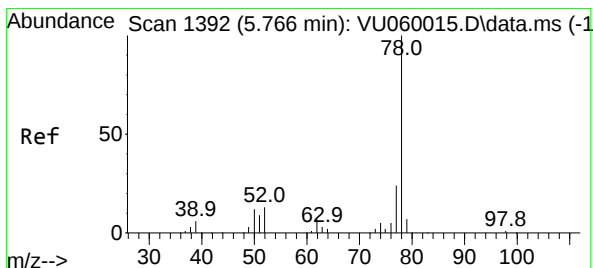
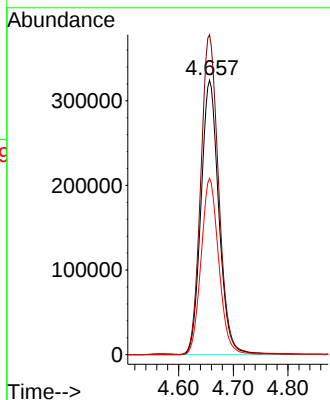
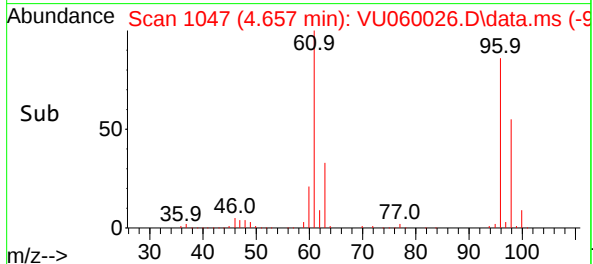
Instrument :
 MSVOA_U
 ClientSampleId :
 YDZD6



Tgt Ion: 96 Resp: 73295
 Ion Ratio Lower Upper
 96 100
 61 116.6 80.2 148.9
 98 64.2 44.7 83.1

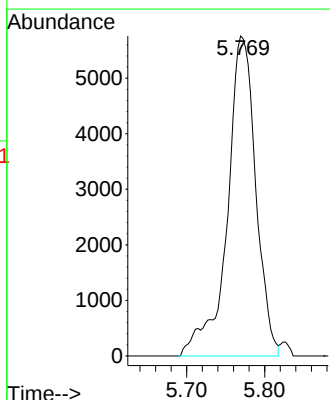
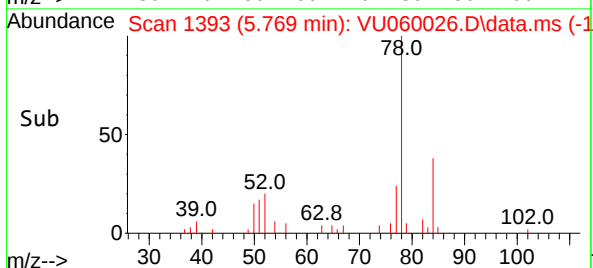
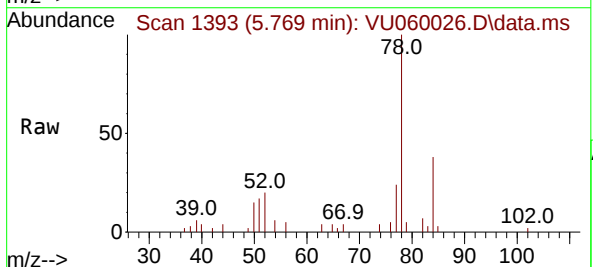
Manual Integrations
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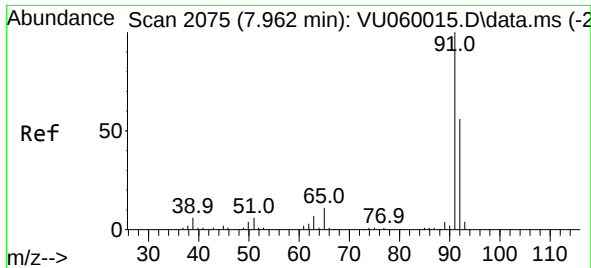
Reviewed By :Mahesh Dadoda 07/24/2024
 Supervised By :Semsettin Yesilyurt 07/24/2024



#33
 Benzene
 Concen: 0.295 ug/L
 RT: 5.769 min Scan# 1393
 Delta R.T. 0.003 min
 Lab File: VU060026.D
 Acq: 18 Jul 2024 18:47

Tgt Ion: 78 Resp: 14661





#42

Toluene

Concen: 14.373 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU060026.D

Acq: 18 Jul 2024 18:47

Instrument :

MSVOA_U

ClientSampleId :

YDZD6

Tgt Ion: 91 Resp: 75912

Ion Ratio Lower Upper

91 100

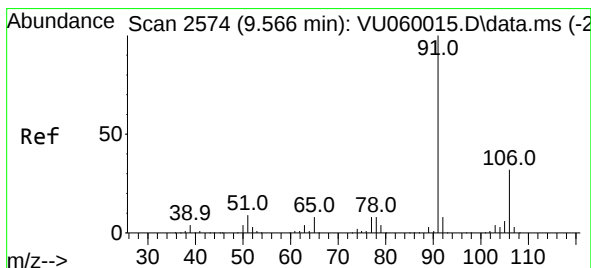
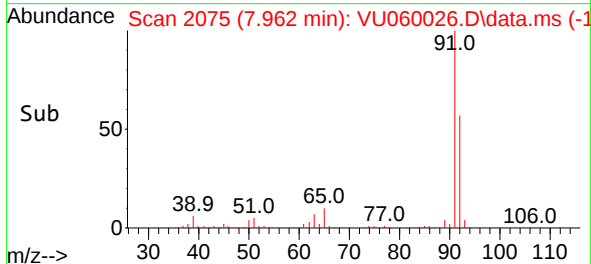
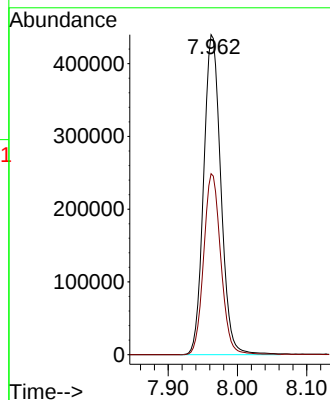
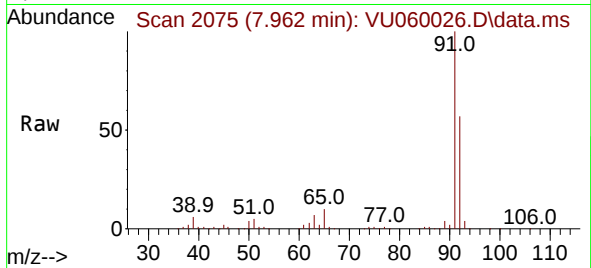
92 56.5 39.8 73.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/24/2024

Supervised By :Semsettin Yesilyurt 07/24/2024



#52

Ethylbenzene

Concen: 1.180 ug/L

RT: 9.566 min Scan# 2574

Delta R.T. 0.000 min

Lab File: VU060026.D

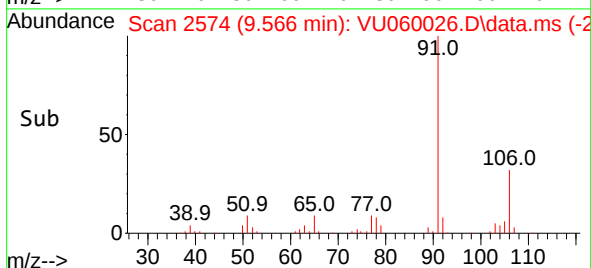
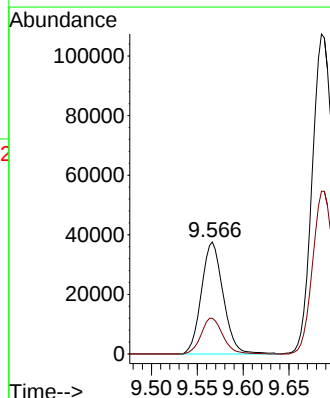
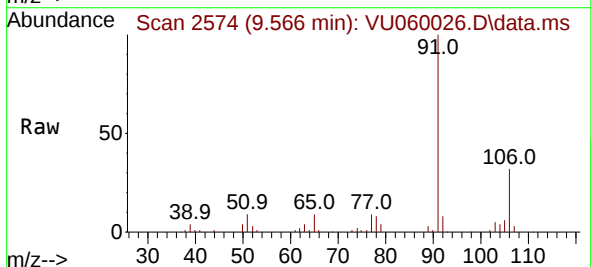
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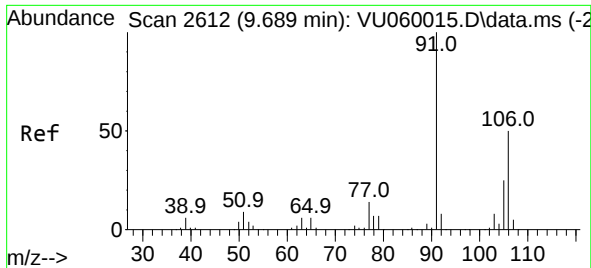
Tgt Ion: 91 Resp: 62152

Ion Ratio Lower Upper

91 100

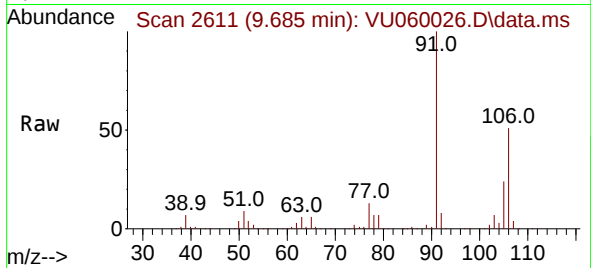
106 31.9 21.9 40.7





#53
m,p-Xylene
Concen: 4.488 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.003 min
Lab File: VU060026.D
Acq: 18 Jul 2024 18:47

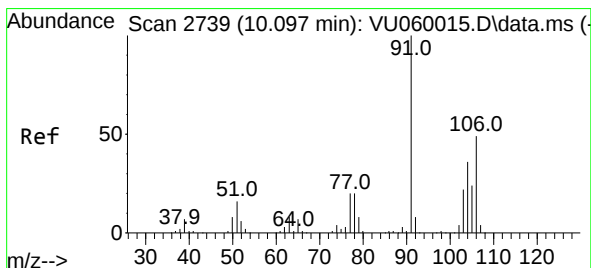
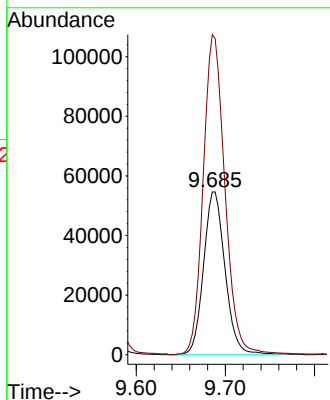
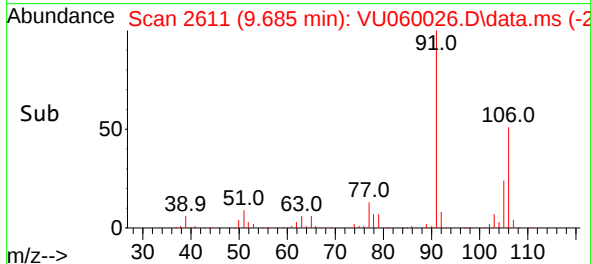
Instrument :
MSVOA_U
ClientSampleId :
YDZD6



Tgt Ion:106 Resp: 91319
Ion Ratio Lower Upper
106 100
91 196.6 141.3 262.5

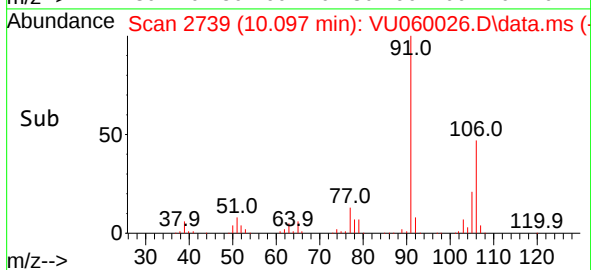
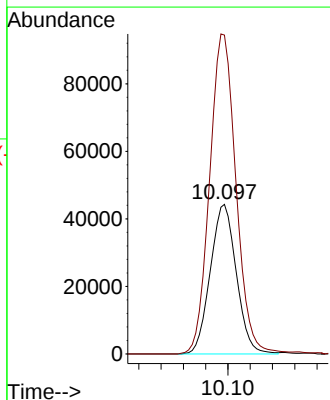
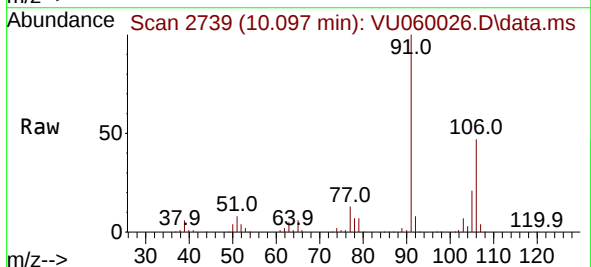
Manual Integrations
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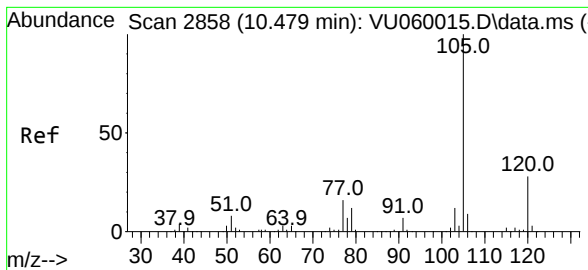
Reviewed By :Mahesh Dadoda 07/24/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#54
o-Xylene
Concen: 3.693 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.000 min
Lab File: VU060026.D
Acq: 18 Jul 2024 18:47

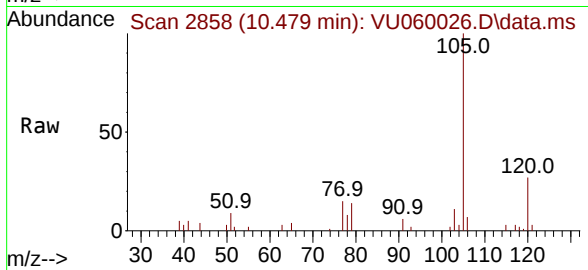
Tgt Ion:106 Resp: 71871
Ion Ratio Lower Upper
106 100
91 213.1 143.6 266.6





#60
Isopropylbenzene
Concen: 0.265 ug/L m
RT: 10.479 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU060026.D
Acq: 18 Jul 2024 18:47

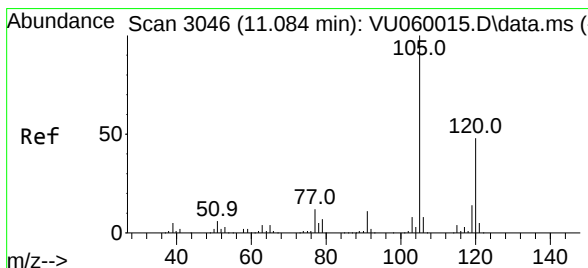
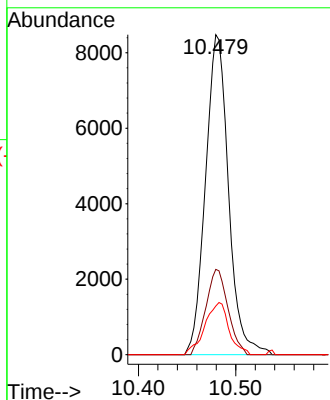
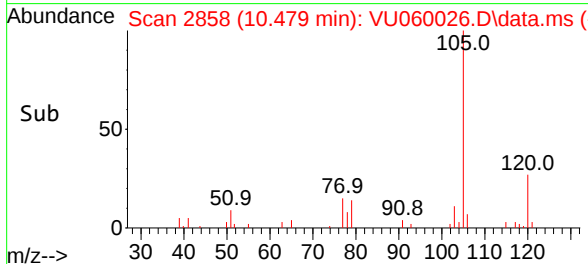
Instrument :
MSVOA_U
ClientSampleId :
YDZD6



Tgt Ion:105 Resp: 13914
Ion Ratio Lower Upper
105 100
120 191.6 21.9 32.9
77 75.3 12.1 18.1

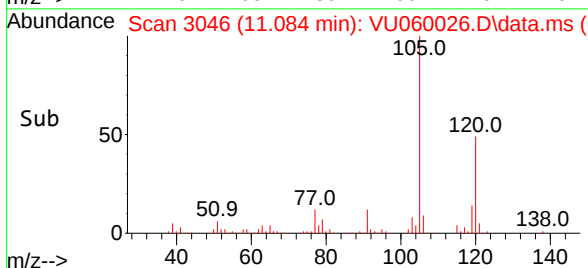
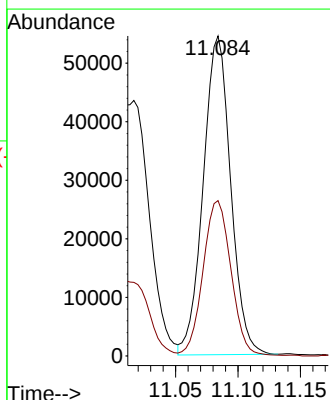
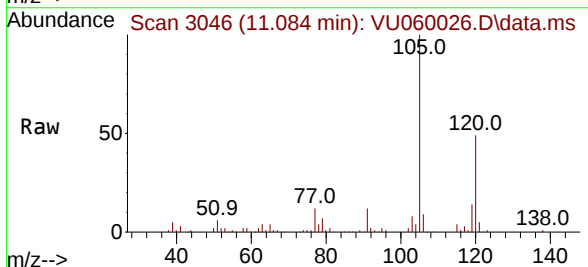
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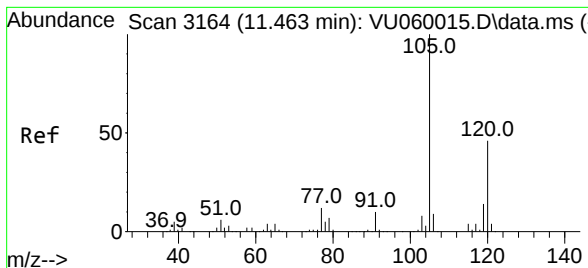
Reviewed By :Mahesh Dadoda 07/24/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#62
1,3,5-Trimethylbenzene
Concen: 2.079 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU060026.D
Acq: 18 Jul 2024 18:47

Tgt Ion:105 Resp: 83420
Ion Ratio Lower Upper
105 100
120 49.2 39.4 59.2





#63

1,2,4-Trimethylbenzene

Concen: 6.673 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU060026.D

Acq: 18 Jul 2024 18:47

Instrument :

MSVOA_U

ClientSampleId :

YDZD6

Tgt Ion:105 Resp: 258690

Ion Ratio Lower Upper

105 100

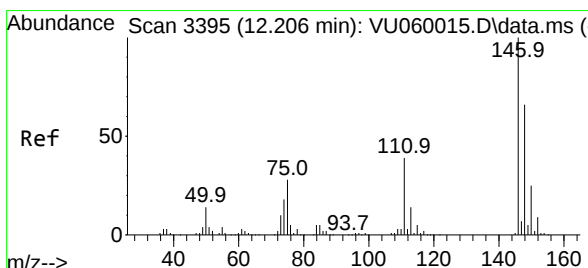
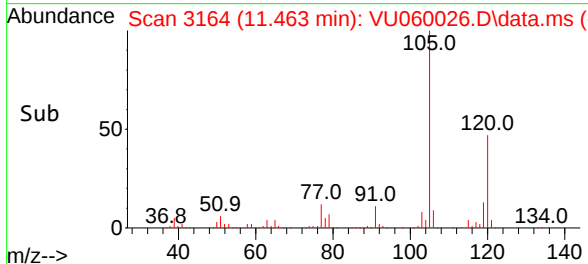
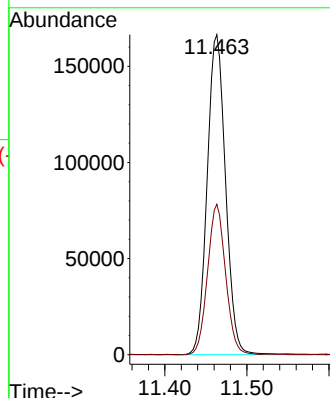
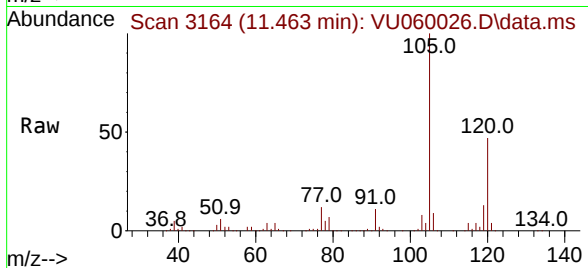
120 46.2 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/24/2024

Supervised By :Semsettin Yesilyurt 07/24/2024



#67

1,2-Dichlorobenzene

Concen: 0.329 ug/L

RT: 12.209 min Scan# 3396

Delta R.T. 0.003 min

Lab File: VU060026.D

Acq: 18 Jul 2024 18:47

Tgt Ion:146 Resp: 8893

Ion Ratio Lower Upper

146 100

111 44.2 30.9 46.3

148 69.9 49.8 74.8

