

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
 Data File : VU063050.D
 Acq On : 28 Jan 2025 06:07
 Operator : MD/SY
 Sample : Q1195-15
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E2966

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/30/2025
 Supervised By :Semsettin Yesilyurt 01/30/2025

Quant Time: Jan 29 08:20:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 29 08:16:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.232	114	130095	5.000	ug/L	# 0.00
28) Chlorobenzene-d5	9.405	117	96544	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	60864	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	24676	5.276	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.600%
7) Chloroethane-d5	1.901	69	16521	4.653	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.554	65	14987	5.359	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.200%
20) 2-Butanone-d5	4.637	46	50163	36.957	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.920%
24) Chloroform-d	5.049	84	81840	4.405	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	5.689	65	69131	6.519	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	130.400%#
32) Benzene-d6	5.711	84	215187	9.754	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	195.000%#
36) 1,2-Dichloropropane-d6	6.679	67	60609	10.789	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	215.800%#
41) Toluene-d8	7.888	98	189728	8.698	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	174.000%#
43) trans-1,3-Dichloroprop...	8.171	79	19121	5.498	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	110.000%
46) 2-Hexanone-d5	8.624	63	41853	48.234	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.460%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24393	4.573	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	12.183	152	46560	4.274	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.400%
Target Compounds	Qvalue					
13) Acetone	2.669	43	67253	76.628	ug/L	89
14) Carbon disulfide	2.779	76	338323	19.541	ug/L	99
15) Methyl Acetate	2.946	43	38275	22.708	ug/L	90
16) Methylene chloride	3.029	84	12290	1.725	ug/L	78
19) 1,1-Dichloroethane	3.853	63	116839	9.320	ug/L	98
21) 2-Butanone	4.734	43	8612m	7.194	ug/L	
30) Cyclohexane	5.370	56	1266	0.182	ug/L	86
33) Benzene	5.762	78	103931	4.443	ug/L	100
35) Methylcyclohexane	6.746	83	2790	0.279	ug/L	# 84
40) 4-Methyl-2-pentanone	7.782	43	35252	13.891	ug/L	92
42) Toluene	7.959	91	1361528	48.974	ug/L	100
52) Ethylbenzene	9.557	91	312456	9.643	ug/L	99
53) m,p-Xylene	9.679	106	398093	31.816	ug/L	96
54) o-Xylene	10.087	106	266441	23.243	ug/L	99
62) 1,3,5-Trimethylbenzene	11.077	105	30368	0.898	ug/L	98
63) 1,2,4-Trimethylbenzene	11.457	105	86622	2.709	ug/L	98

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

Instrument :
MSVOA_U
ClientSampleId :
E2966

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Supervised By :Semsettin Yesilyurt 01/30/2025

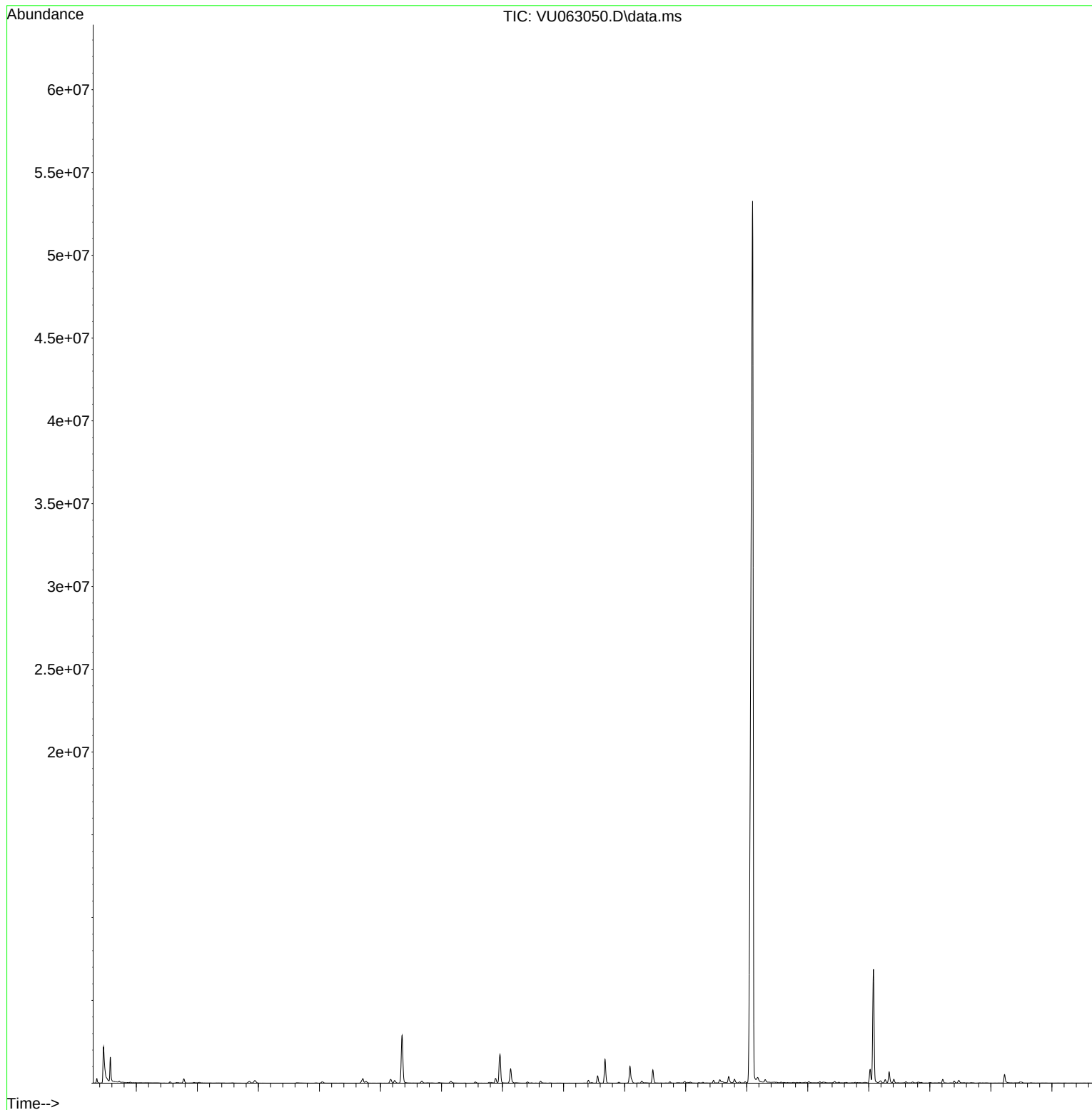
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
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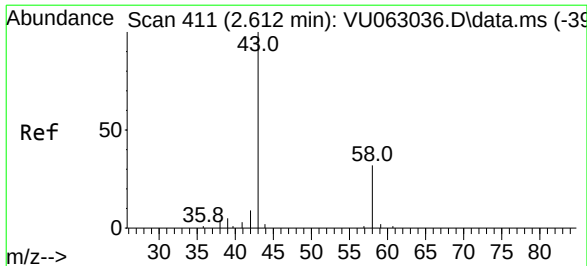
Instrument :
MSVOA_U
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Response via : Initial Calibration





#13

Acetone

Concen: 76.628 ug/L

RT: 2.669 min Scan# 42

Delta R.T. 0.058 min

Lab File: VU063050.D

Acq: 28 Jan 2025 06:07

Instrument :

MSVOA_U

ClientSampleId :

E2966

Tgt Ion: 43 Resp: 67253

Ion Ratio Lower Upper

43 100

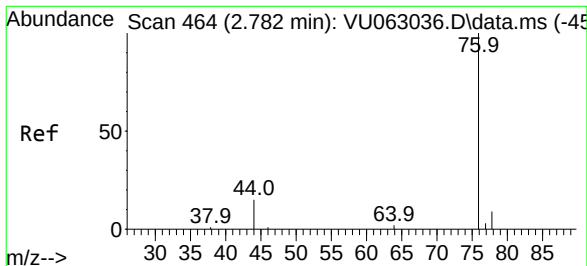
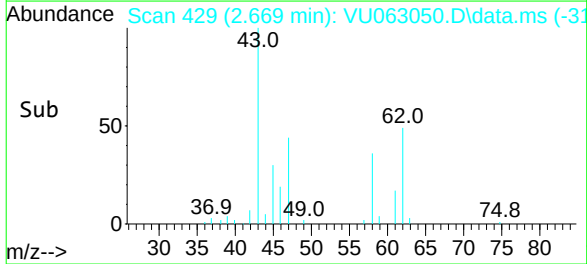
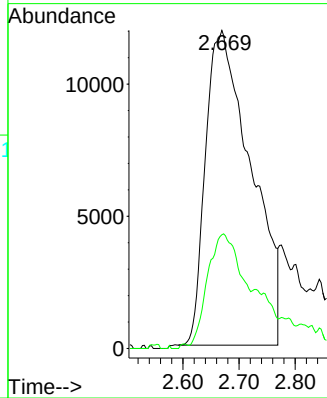
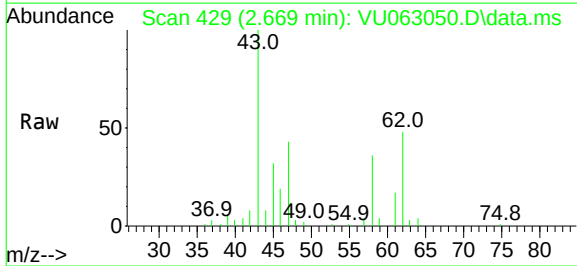
58 26.0 0.0 64.4

Manual Integrations

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#14

Carbon disulfide

Concen: 19.541 ug/L

RT: 2.779 min Scan# 463

Delta R.T. -0.003 min

Lab File: VU063050.D

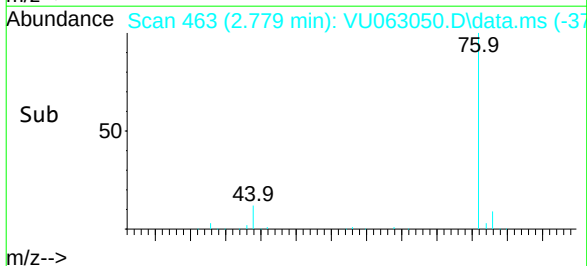
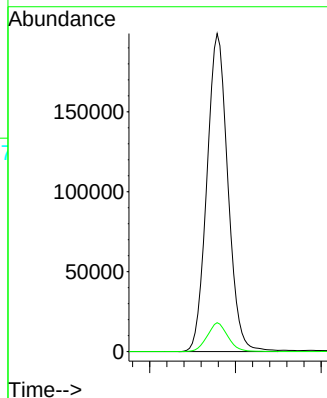
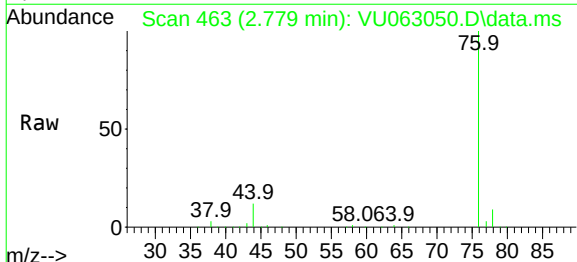
Acq: 28 Jan 2025 06:07

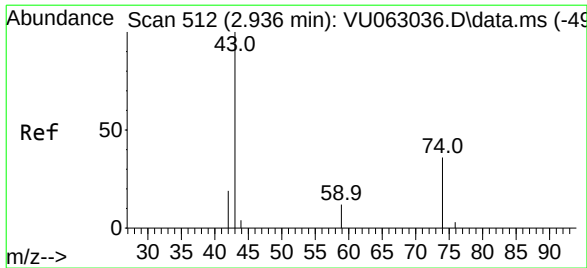
Tgt Ion: 76 Resp: 338323

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6





#15

Methyl Acetate

Concen: 22.708 ug/L

RT: 2.946 min Scan# 511

Delta R.T. 0.010 min

Lab File: VU063050.D

Acq: 28 Jan 2025 06:07

Instrument :

MSVOA_U

ClientSampleId :

E2966

Tgt Ion: 43 Resp: 38275

Ion Ratio Lower Upper

43 100

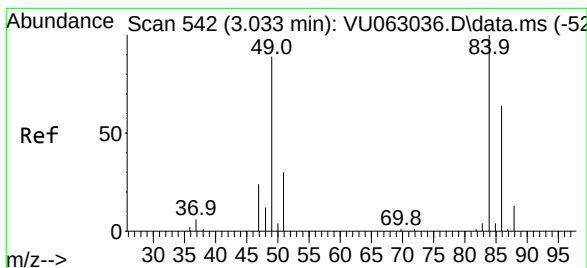
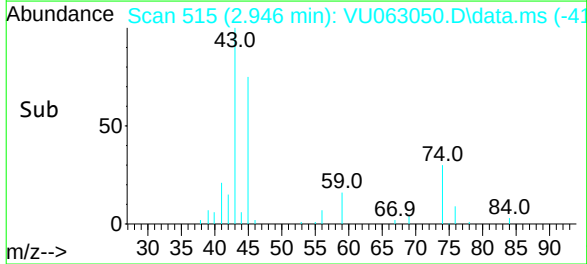
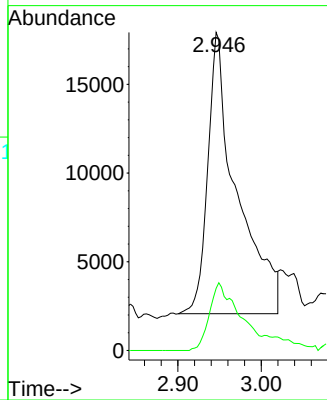
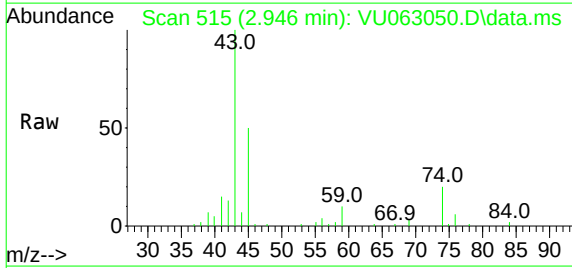
74 24.8 24.4 36.6

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#16

Methylene chloride

Concen: 1.725 ug/L

RT: 3.029 min Scan# 541

Delta R.T. -0.003 min

Lab File: VU063050.D

Acq: 28 Jan 2025 06:07

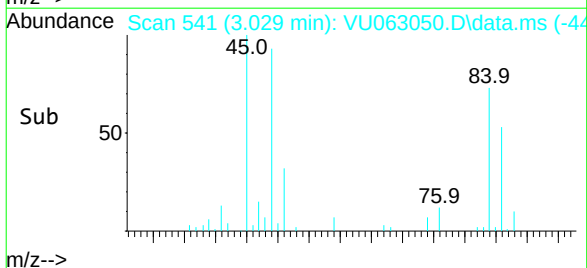
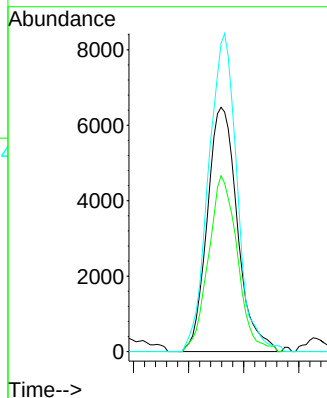
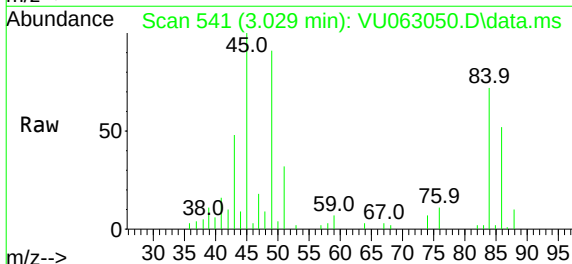
Tgt Ion: 84 Resp: 12290

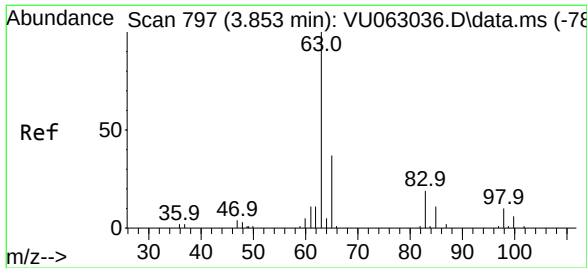
Ion Ratio Lower Upper

84 100

86 72.0 44.7 83.1

49 126.2 68.3 126.9





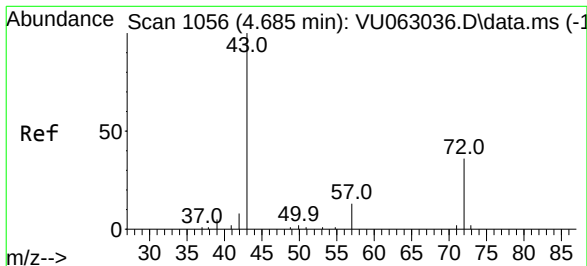
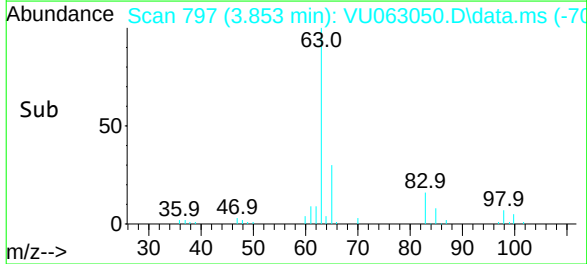
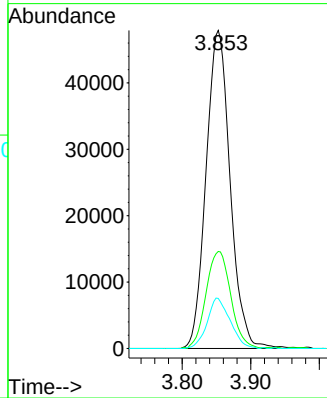
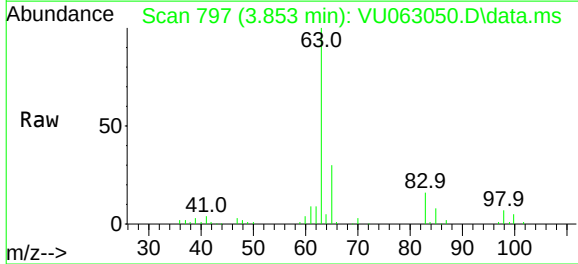
#19
1,1-Dichloroethane
Concen: 9.320 ug/L
RT: 3.853 min Scan# 797
Delta R.T. -0.000 min
Lab File: VU063050.D
Acq: 28 Jan 2025 06:07

Instrument :
MSVOA_U
ClientSampleId :
E2966

Tgt Ion:	63	Resp:	116839
Ion	Ratio	Lower	Upper
63	100		
65	30.5	20.7	38.5
83	15.7	10.5	19.5

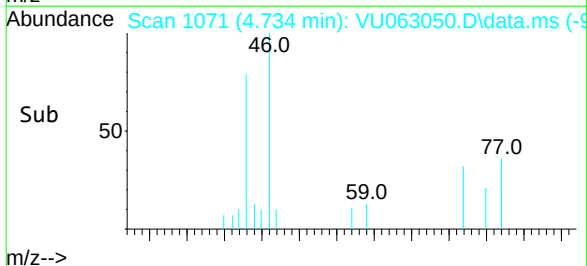
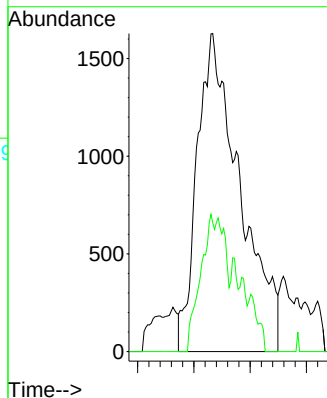
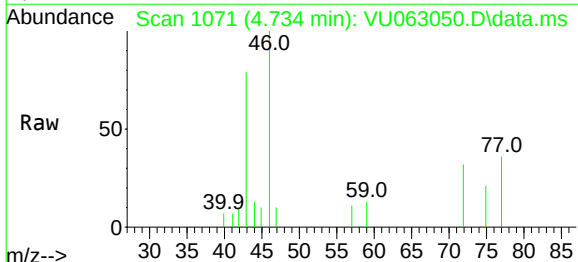
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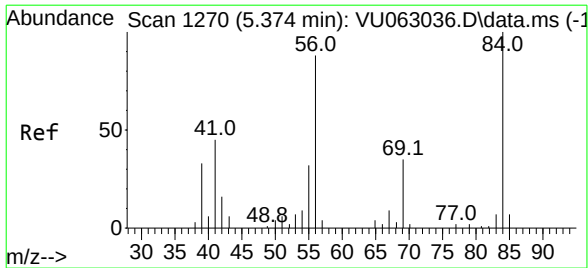
Reviewed By :Mahesh Dadoda 01/30/2025
Supervised By :Semsettin Yesilyurt 01/30/2025



#21
2-Butanone
Concen: 7.194 ug/L m
RT: 4.734 min Scan# 1071
Delta R.T. 0.048 min
Lab File: VU063050.D
Acq: 28 Jan 2025 06:07

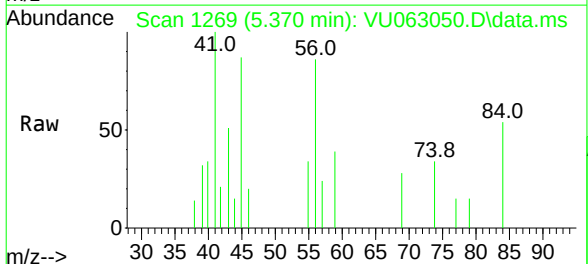
Tgt Ion:	43	Resp:	8612
Ion	Ratio	Lower	Upper
43	100		
72	14.3	17.1	51.2#





#30
Cyclohexane
Concen: 0.182 ug/L
RT: 5.370 min Scan# 1269
Delta R.T. -0.003 min
Lab File: VU063050.D
Acq: 28 Jan 2025 06:07

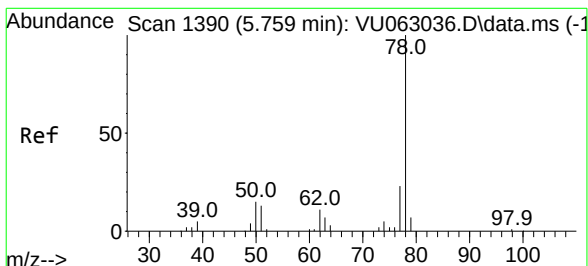
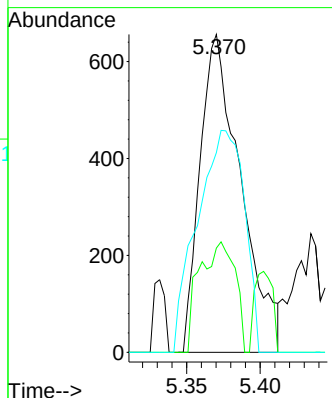
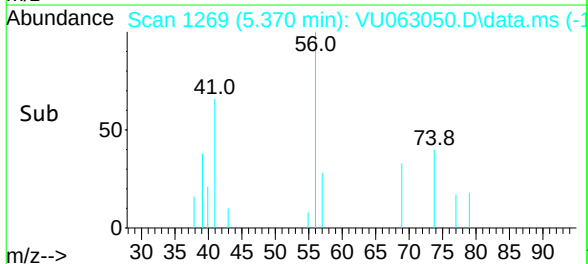
Instrument : MSVOA_U
ClientSampleId : E2966



Tgt Ion:	56	Resp:	1266
Ion	Ratio	Lower	Upper
56	100		
69	30.4	28.3	42.5
84	80.6	76.5	114.7

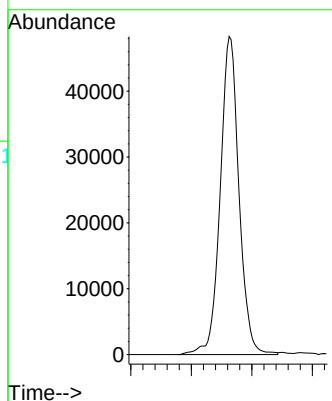
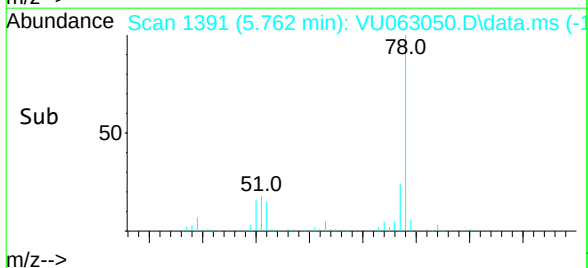
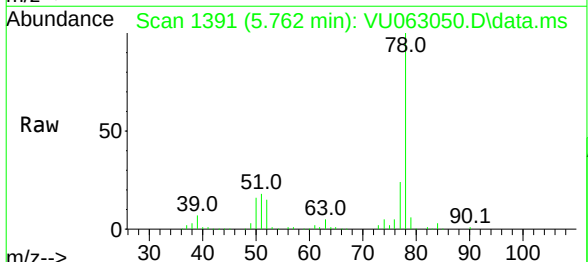
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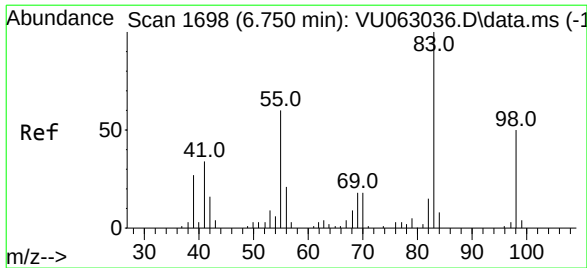
Reviewed By :Mahesh Dadoda 01/30/2025
Supervised By :Semsettin Yesilyurt 01/30/2025



#33
Benzene
Concen: 4.443 ug/L
RT: 5.762 min Scan# 1391
Delta R.T. 0.003 min
Lab File: VU063050.D
Acq: 28 Jan 2025 06:07

Tgt Ion: 78 Resp: 103931





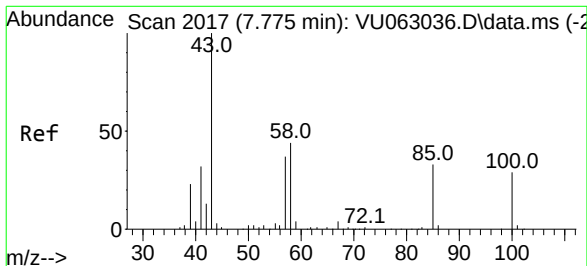
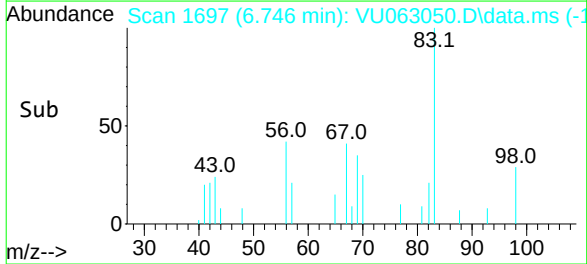
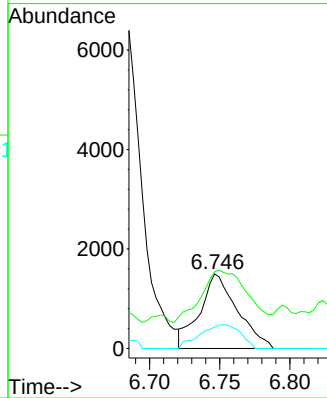
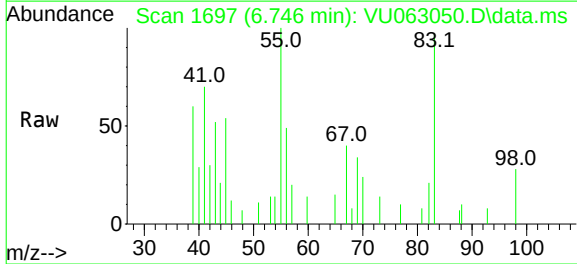
#35
Methylcyclohexane
Concen: 0.279 ug/L
RT: 6.746 min Scan# 16
Delta R.T. -0.003 min
Lab File: VU063050.D
Acq: 28 Jan 2025 06:07

Instrument :
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ClientSampleId :
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Tgt Ion: 83 Resp: 2790
Ion Ratio Lower Upper
83 100
55 83.7 57.2 85.8
98 34.3 36.6 55.0

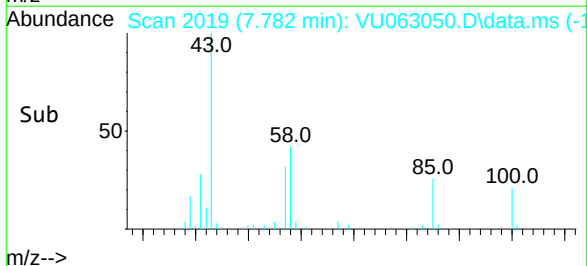
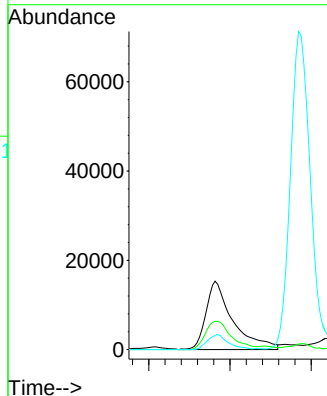
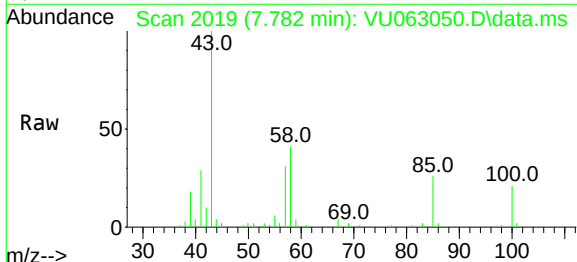
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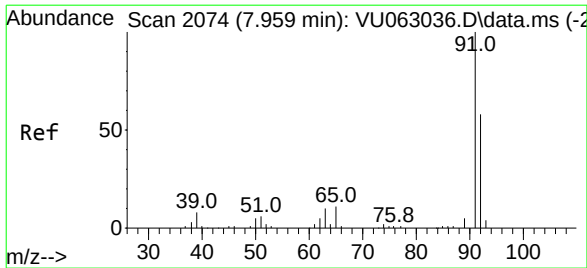
Reviewed By :Mahesh Dadoda 01/30/2025
Supervised By :Semsettin Yesilyurt 01/30/2025



#40
4-Methyl-2-pentanone
Concen: 13.891 ug/L
RT: 7.782 min Scan# 2019
Delta R.T. 0.006 min
Lab File: VU063050.D
Acq: 28 Jan 2025 06:07

Tgt Ion: 43 Resp: 35252
Ion Ratio Lower Upper
43 100
58 39.9 35.8 53.8
100 17.1 16.8 25.2





#42

Toluene

Concen: 48.974 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VU063050.D

Acq: 28 Jan 2025 06:07

Instrument :

MSVOA_U

ClientSampleId :

E2966

Tgt Ion: 91 Resp: 1361528

Ion Ratio Lower Upper

91 100

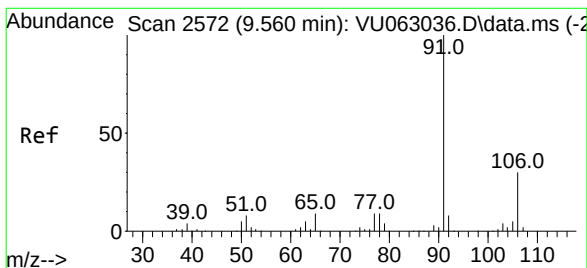
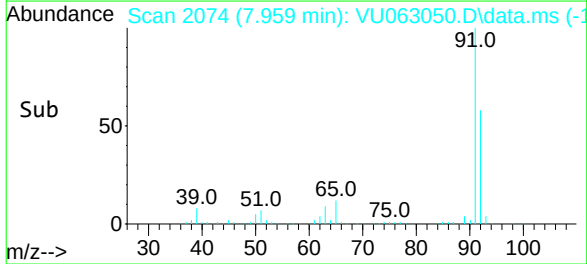
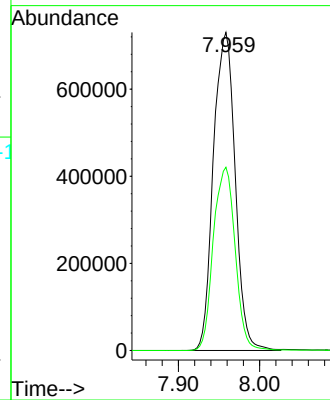
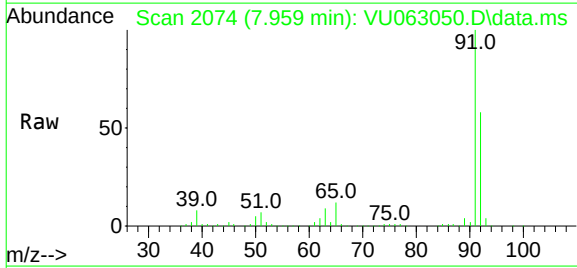
92 57.6 40.4 75.0

Manual Integrations

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Supervised By :Semsettin Yesilyurt 01/30/2025



#52

Ethylbenzene

Concen: 9.643 ug/L

RT: 9.557 min Scan# 2571

Delta R.T. -0.003 min

Lab File: VU063050.D

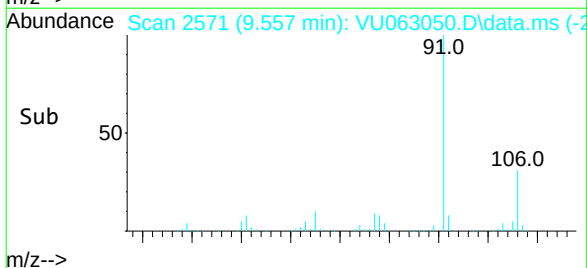
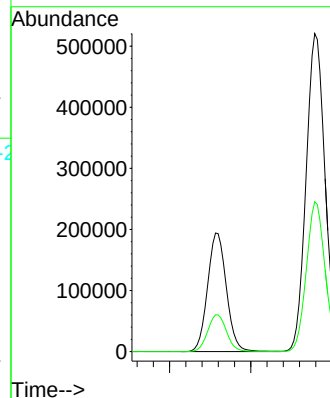
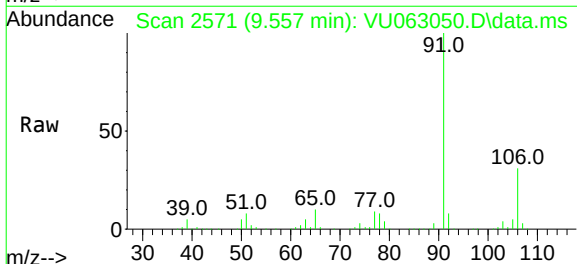
Acq: 28 Jan 2025 06:07

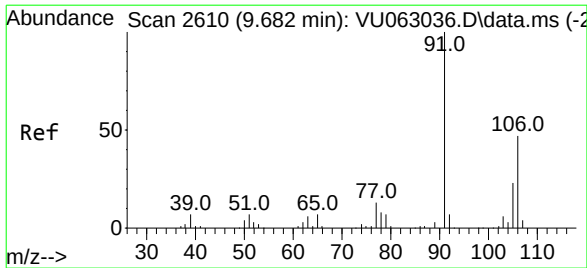
Tgt Ion: 91 Resp: 312456

Ion Ratio Lower Upper

91 100

106 30.9 21.9 40.7





#53

m,p-Xylene

Concen: 31.816 ug/L

RT: 9.679 min Scan# 2610

Delta R.T. -0.003 min

Lab File: VU063050.D

Acq: 28 Jan 2025 06:07

Instrument :

MSVOA_U

ClientSampleId :

E2966

Tgt Ion:106 Resp: 398093

Ion Ratio Lower Upper

106 100

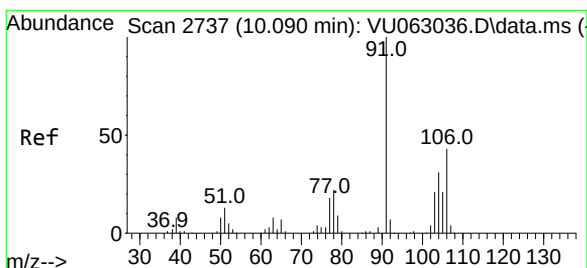
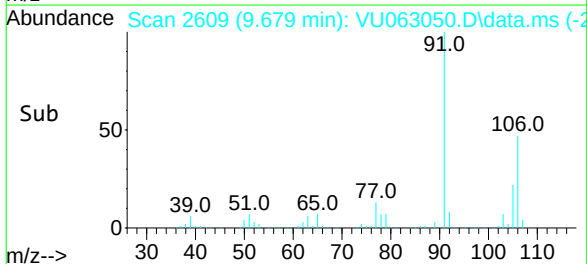
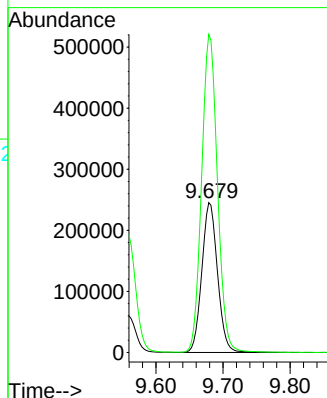
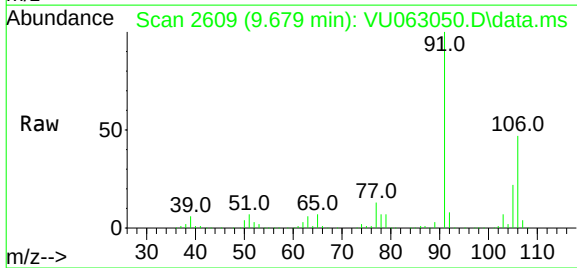
91 212.2 153.1 284.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/30/2025

Supervised By :Semsettin Yesilyurt 01/30/2025



#54

o-Xylene

Concen: 23.243 ug/L

RT: 10.087 min Scan# 2736

Delta R.T. -0.003 min

Lab File: VU063050.D

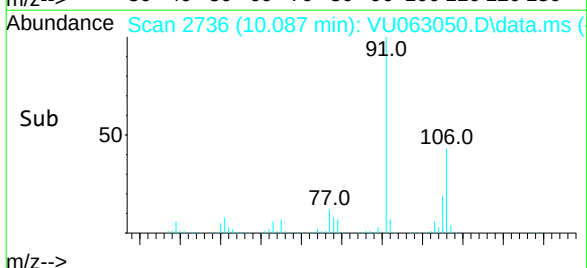
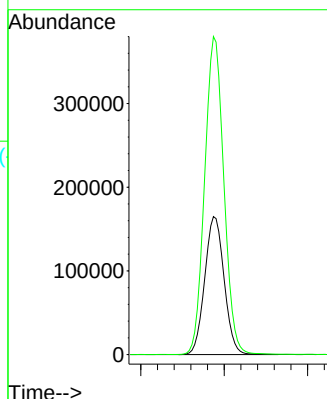
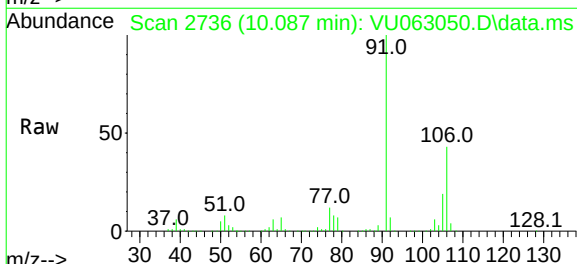
Acq: 28 Jan 2025 06:07

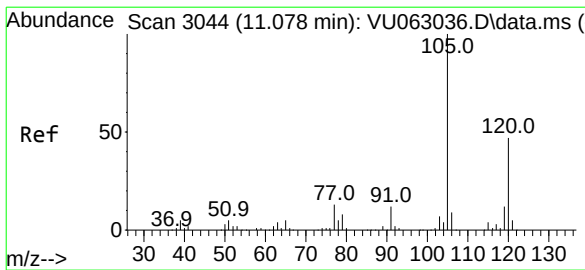
Tgt Ion:106 Resp: 266441

Ion Ratio Lower Upper

106 100

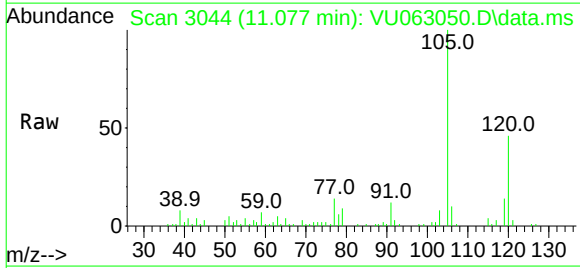
91 230.5 160.4 297.8





#62
1,3,5-Trimethylbenzene
Concen: 0.898 ug/L
RT: 11.077 min Scan# 3044
Delta R.T. -0.000 min
Lab File: VU063050.D
Acq: 28 Jan 2025 06:07

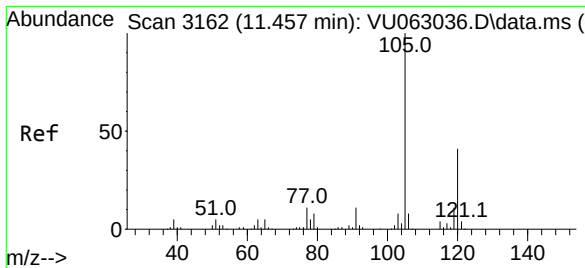
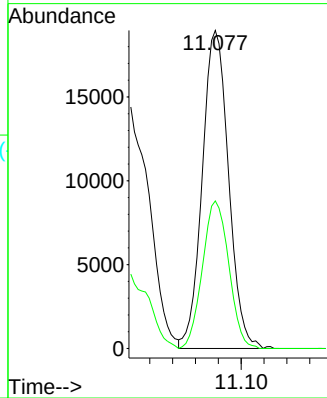
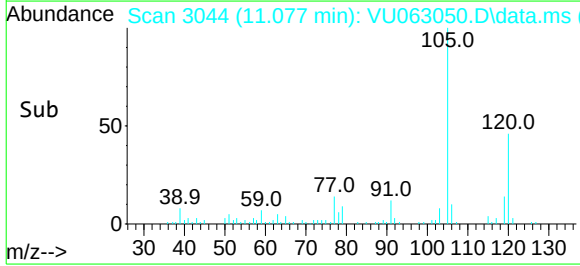
Instrument :
MSVOA_U
ClientSampleId :
E2966



Tgt Ion:105 Resp: 30368
Ion Ratio Lower Upper
105 100
120 46.4 35.9 53.9

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/30/2025
Supervised By :Semsettin Yesilyurt 01/30/2025



#63
1,2,4-Trimethylbenzene
Concen: 2.709 ug/L
RT: 11.457 min Scan# 3162
Delta R.T. -0.000 min
Lab File: VU063050.D
Acq: 28 Jan 2025 06:07

Tgt Ion:105 Resp: 86622
Ion Ratio Lower Upper
105 100
120 41.4 34.2 51.2

