

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
 Data File : VU063032.D
 Acq On : 27 Jan 2025 21:53
 Operator : MD/SY
 Sample : Q1196-01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E2964

Manual Integrations
 APPROVED

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

Quant Time: Jan 29 07:31:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 29 07:27:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.293	114	91723	5.000	ug/L	0.05
28) Chlorobenzene-d5	9.421	117	82941	5.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.804	152	50234	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.631	65	11377	3.450	ug/L	0.04
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.000%
7) Chloroethane-d5	1.949	69	11489	4.589	ug/L	0.07
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.608	65	7064	3.582	ug/L	0.06
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.600%
20) 2-Butanone-d5	4.724	46	20895	21.834	ug/L	0.12
Spiked Amount	50.000	Range	40 - 130	Recovery	=	43.660%
24) Chloroform-d	5.106	84	53670	4.098	ug/L	0.06
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
26) 1,2-Dichloroethane-d4	5.766	65	30972	4.142	ug/L	0.08
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
32) Benzene-d6	5.785	84	80169	4.230	ug/L	0.07
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	6.727	67	20098	4.165	ug/L	0.05
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.200%
41) Toluene-d8	7.913	98	80420	4.291	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	8.193	79	12893	4.315	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.647	63	30095	40.372	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.740%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	18389	4.013	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.200%
66) 1,2-Dichlorobenzene-d4	12.183	152	39542	4.397	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds	Qvalue					
13) Acetone	2.759	43	16492m	26.652	ug/L	
14) Carbon disulfide	2.833	76	9111	0.746	ug/L	99
19) 1,1-Dichloroethane	3.907	63	4160	0.471	ug/L	97
33) Benzene	5.830	78	21677	1.079	ug/L	100
34) Trichloroethene	6.579	95	9505	1.392	ug/L	85
40) 4-Methyl-2-pentanone	7.817	43	9555	4.383	ug/L	93
42) Toluene	7.984	91	133169	5.576	ug/L	98
47) Tetrachloroethene	8.560	164	253062	42.612	ug/L	93
52) Ethylbenzene	9.573	91	49092	1.764	ug/L	98
53) m,p-Xylene	9.692	106	61212	5.695	ug/L	99
54) o-Xylene	10.097	106	34692	3.523	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	16567	0.594	ug/L	96
63) 1,2,4-Trimethylbenzene	11.460	105	55969	2.120	ug/L	90

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

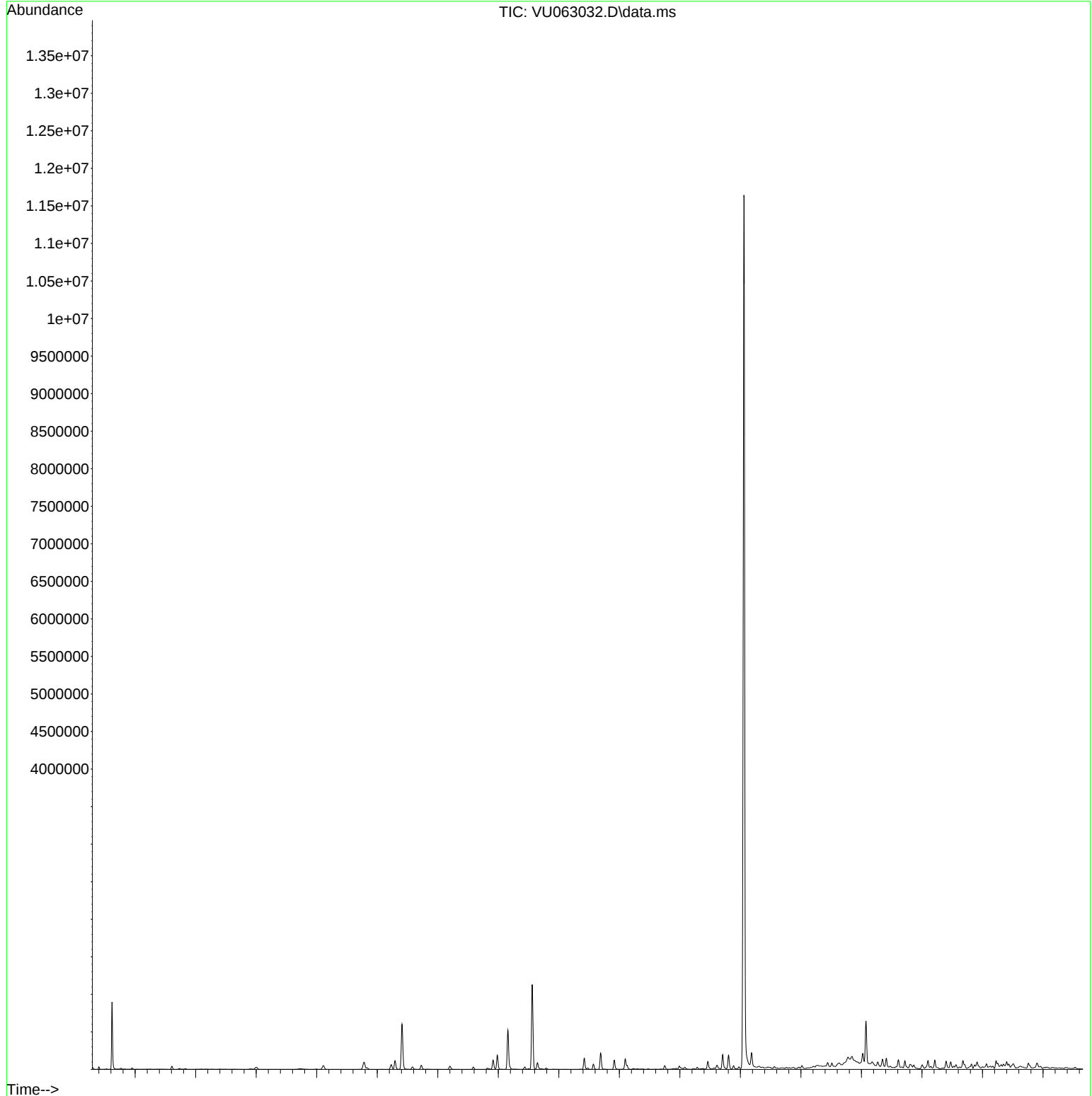
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
Data File : VU063032.D
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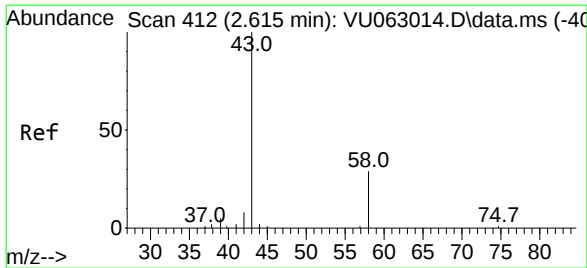
Instrument :
MSVOA_U
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
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Response via : Initial Calibration





#13

Acetone

Concen: 26.652 ug/L m

RT: 2.759 min Scan# 45

Delta R.T. 0.144 min

Lab File: VU063032.D

Acq: 27 Jan 2025 21:53

Instrument :

MSVOA_U

ClientSampleId :

E2964

Tgt Ion: 43 Resp: 16492

Ion Ratio Lower Upper

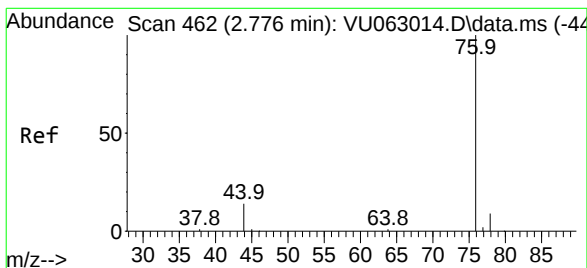
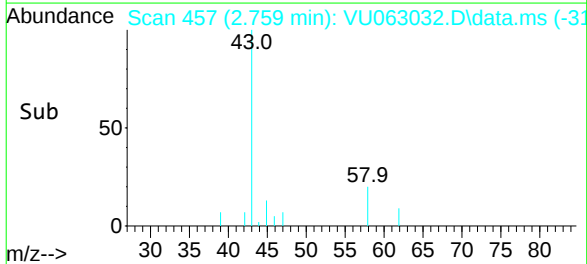
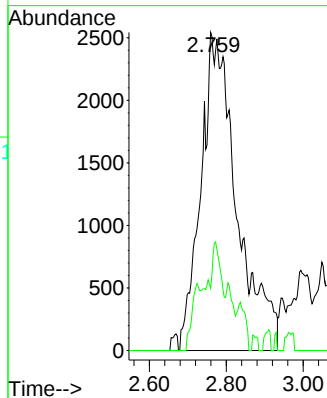
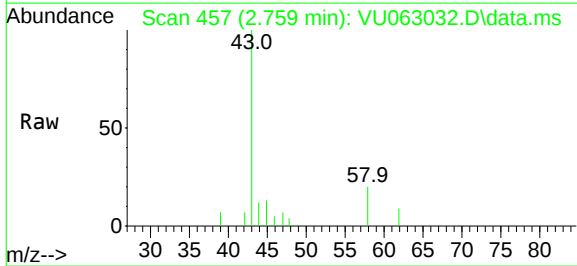
43 100

58 5.1 0.0 64.4

Manual Integrations

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#14

Carbon disulfide

Concen: 0.746 ug/L

RT: 2.833 min Scan# 480

Delta R.T. 0.058 min

Lab File: VU063032.D

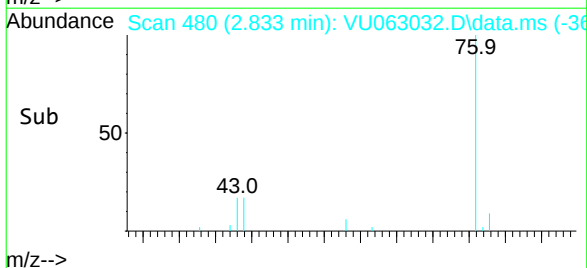
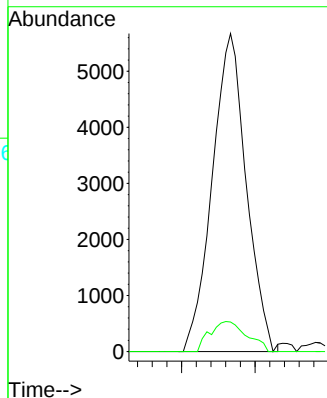
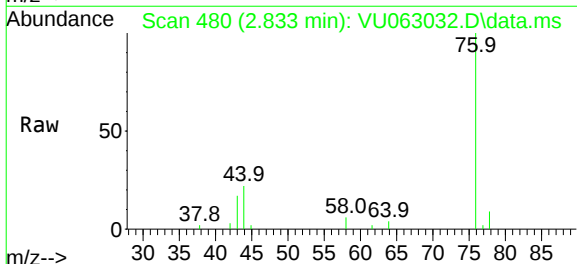
Acq: 27 Jan 2025 21:53

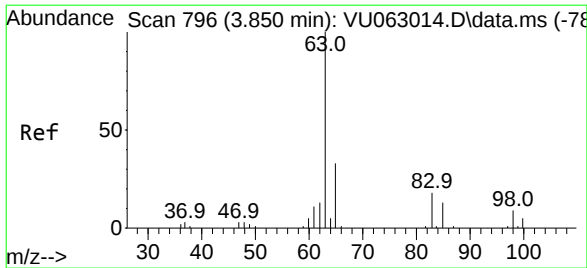
Tgt Ion: 76 Resp: 9111

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.6





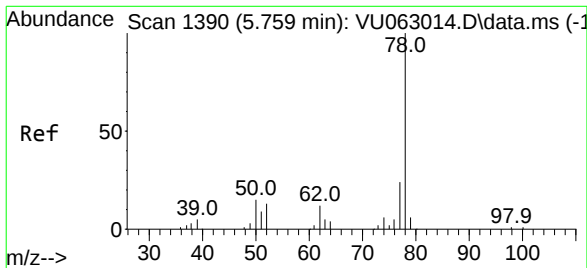
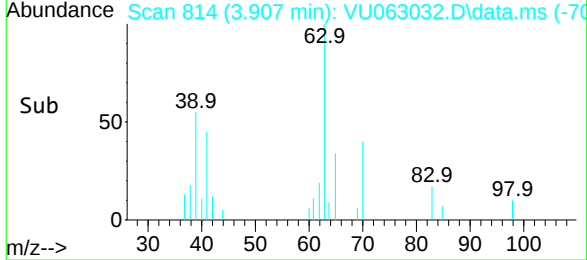
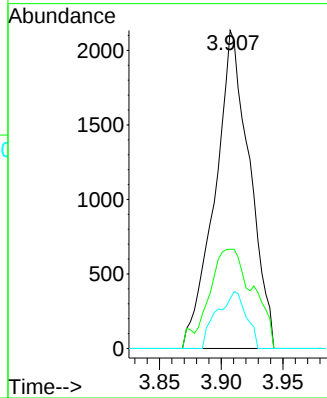
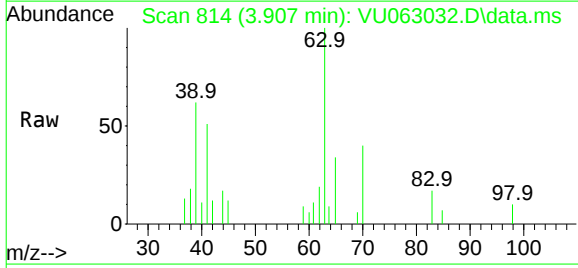
#19
1,1-Dichloroethane
Concen: 0.471 ug/L
RT: 3.907 min Scan# 811
Delta R.T. 0.058 min
Lab File: VU063032.D
Acq: 27 Jan 2025 21:53

Instrument :
MSVOA_U
ClientSampleId :
E2964

Tgt Ion: 63 Resp: 4160
Ion Ratio Lower Upper
63 100
65 31.2 20.7 38.5
83 15.7 10.5 19.5

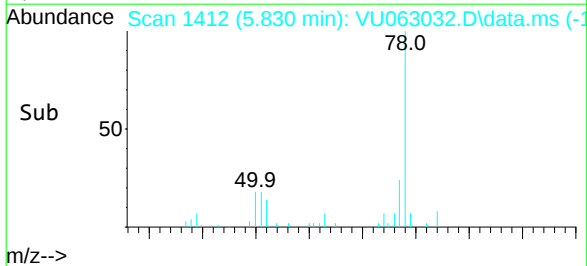
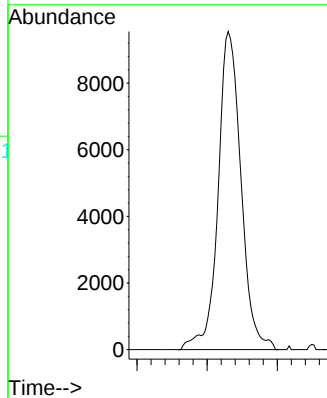
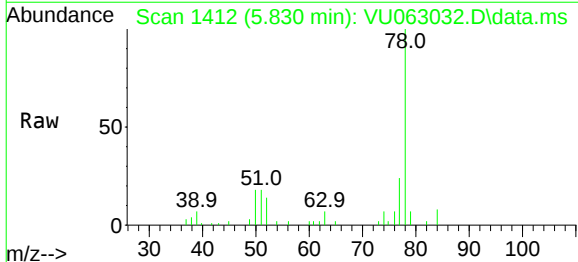
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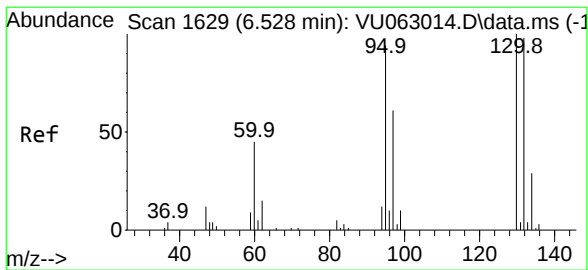
Reviewed By :Mahesh Dadoda 01/30/2025
Supervised By :Semsettin Yesilyurt 01/30/2025



#33
Benzene
Concen: 1.079 ug/L
RT: 5.830 min Scan# 1412
Delta R.T. 0.071 min
Lab File: VU063032.D
Acq: 27 Jan 2025 21:53

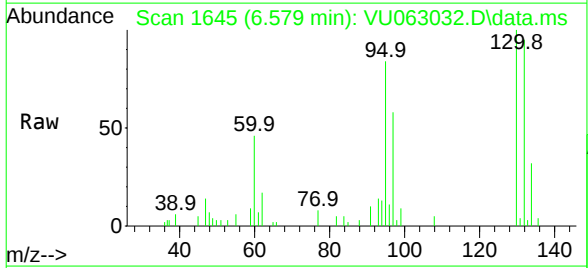
Tgt Ion: 78 Resp: 21677





#34
Trichloroethene
Concen: 1.392 ug/L
RT: 6.579 min Scan# 16
Delta R.T. 0.051 min
Lab File: VU063032.D
Acq: 27 Jan 2025 21:53

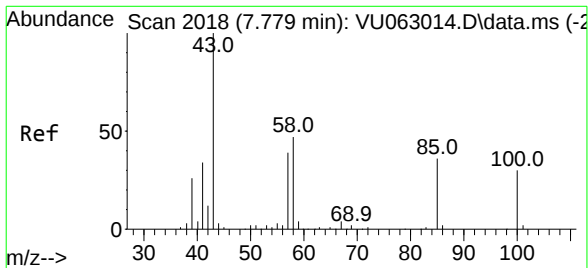
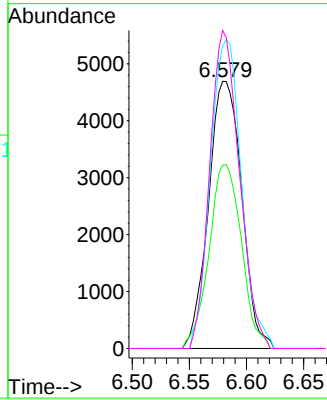
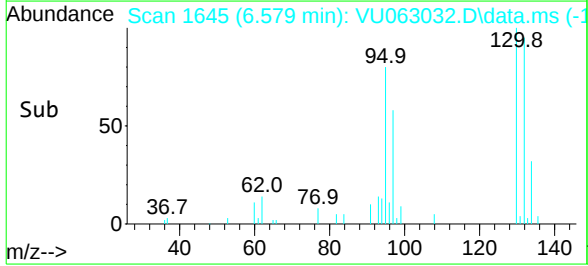
Instrument :
MSVOA_U
ClientSampleId :
E2964



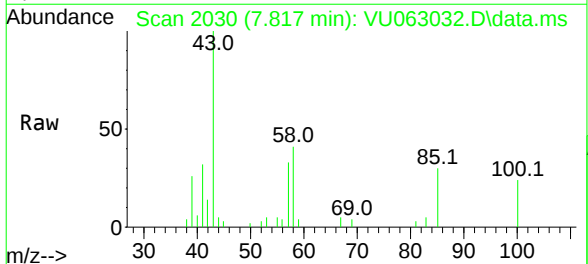
Tgt Ion: 95 Resp: 9505
Ion Ratio Lower Upper
95 100
97 68.6 47.5 88.3
132 113.3 66.9 124.3
130 119.0 68.6 127.4

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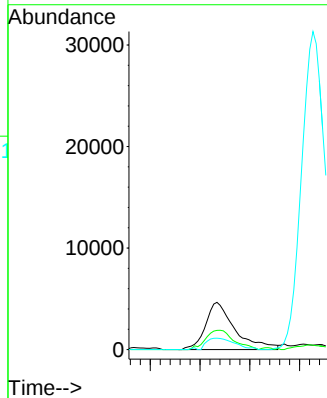
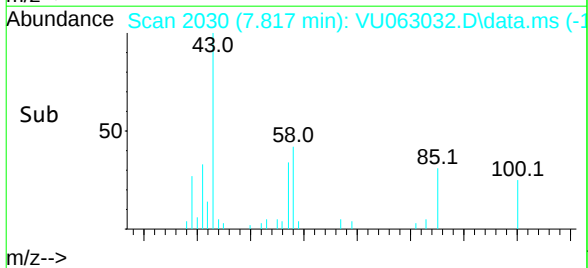
Reviewed By :Mahesh Dadoda 01/30/2025
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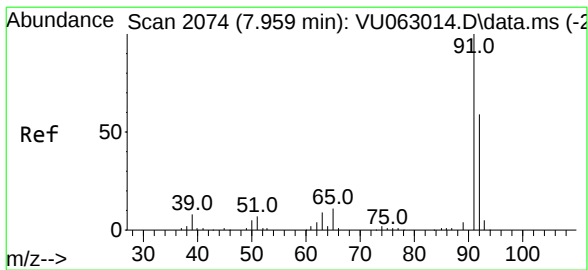


#40
4-Methyl-2-pentanone
Concen: 4.383 ug/L
RT: 7.817 min Scan# 2030
Delta R.T. 0.038 min
Lab File: VU063032.D
Acq: 27 Jan 2025 21:53



Tgt Ion: 43 Resp: 9555
Ion Ratio Lower Upper
43 100
58 39.0 35.8 53.8
100 22.9 16.8 25.2





#42

Toluene

Concen: 5.576 ug/L

RT: 7.984 min Scan# 20

Delta R.T. 0.026 min

Lab File: VU063032.D

Acq: 27 Jan 2025 21:53

Instrument :

MSVOA_U

ClientSampleId :

E2964

Tgt Ion: 91 Resp: 133169

Ion Ratio Lower Upper

91 100

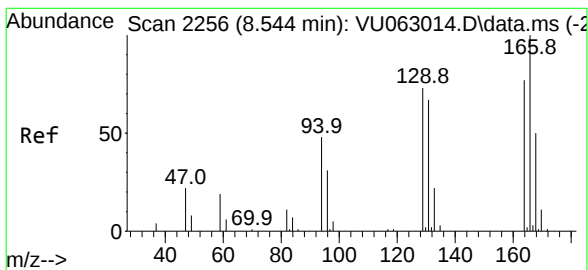
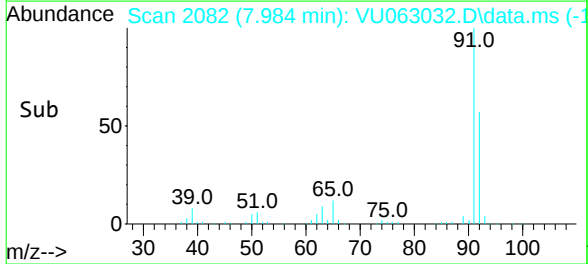
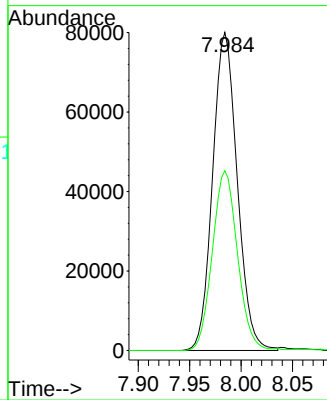
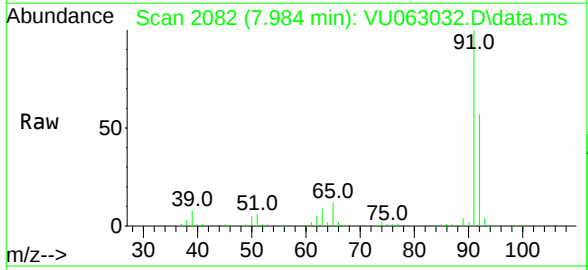
92 56.5 40.4 75.0

Manual Integrations

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Supervised By :Semsettin Yesilyurt 01/30/2025



#47

Tetrachloroethene

Concen: 42.612 ug/L

RT: 8.560 min Scan# 2261

Delta R.T. 0.016 min

Lab File: VU063032.D

Acq: 27 Jan 2025 21:53

Tgt Ion:164 Resp: 253062

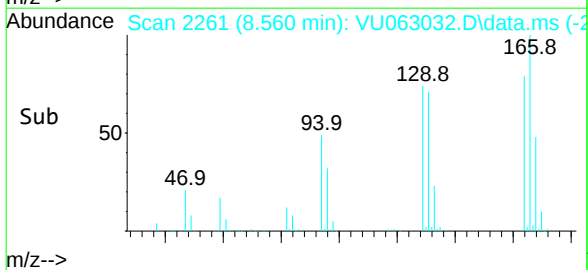
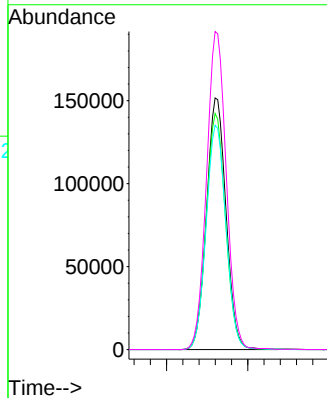
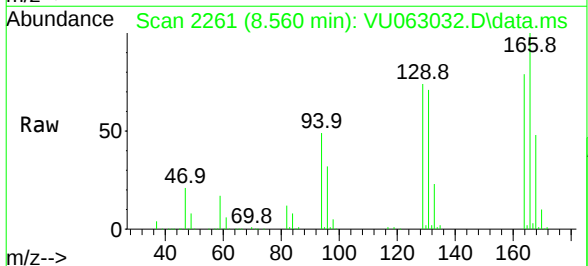
Ion Ratio Lower Upper

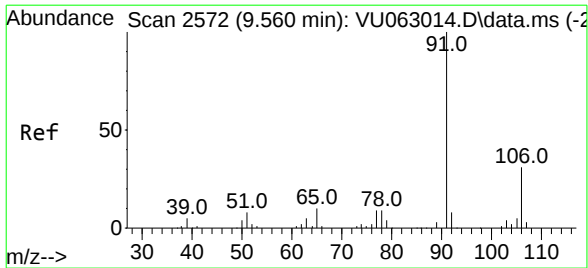
164 100

129 93.8 71.0 131.9

131 89.1 69.4 129.0

166 126.4 92.7 172.3





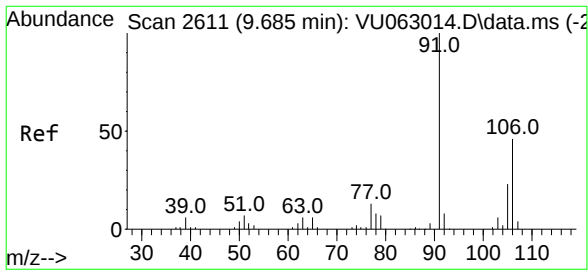
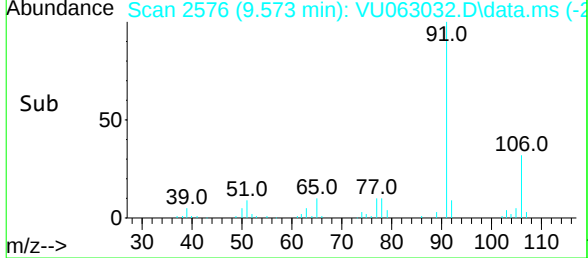
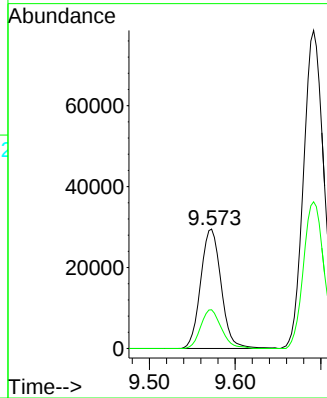
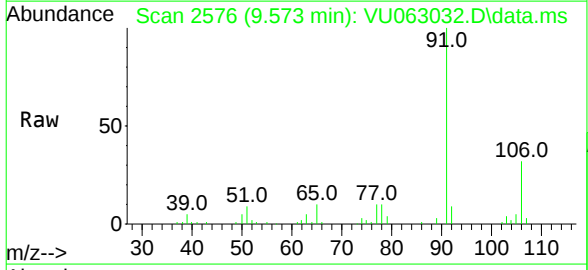
#52
Ethylbenzene
Concen: 1.764 ug/L
RT: 9.573 min Scan# 2572
Delta R.T. 0.013 min
Lab File: VU063032.D
Acq: 27 Jan 2025 21:53

Instrument :
MSVOA_U
ClientSampleId :
E2964

Tgt Ion: 91 Resp: 49092
Ion Ratio Lower Upper
91 100
106 32.4 21.9 40.7

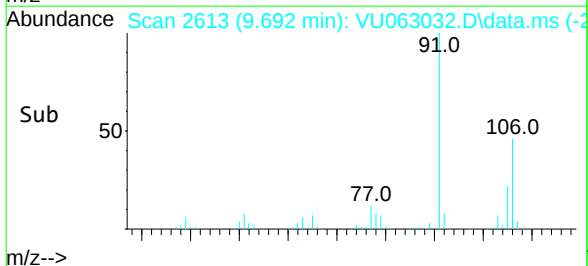
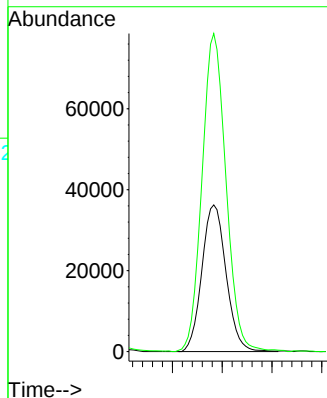
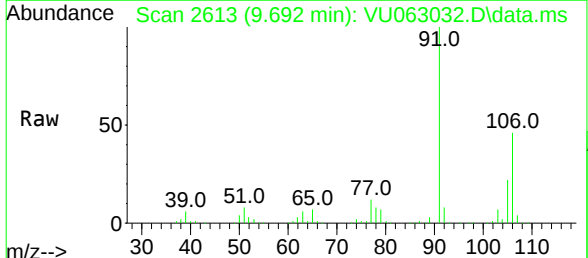
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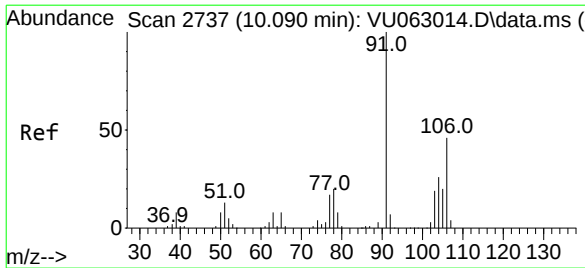
Reviewed By :Mahesh Dadoda 01/30/2025
Supervised By :Semsettin Yesilyurt 01/30/2025



#53
m,p-Xylene
Concen: 5.695 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.006 min
Lab File: VU063032.D
Acq: 27 Jan 2025 21:53

Tgt Ion:106 Resp: 61212
Ion Ratio Lower Upper
106 100
91 216.8 153.1 284.3





#54

o-Xylene

Concen: 3.523 ug/L

RT: 10.097 min Scan# 2737

Delta R.T. 0.006 min

Lab File: VU063032.D

Acq: 27 Jan 2025 21:53

Instrument :

MSVOA_U

ClientSampleId :

E2964

Tgt Ion:106 Resp: 34692

Ion Ratio Lower Upper

106 100

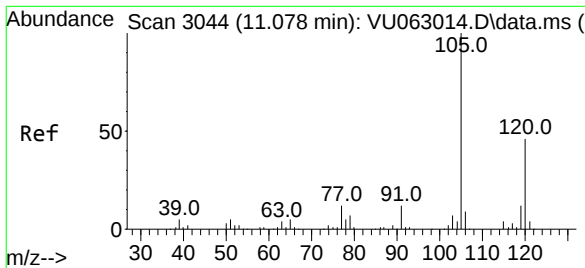
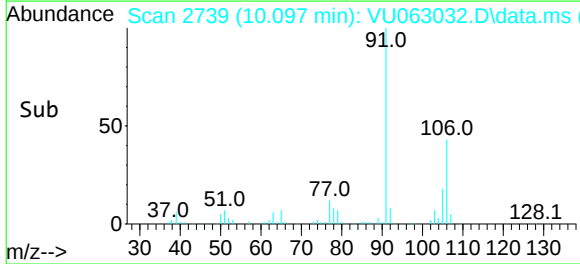
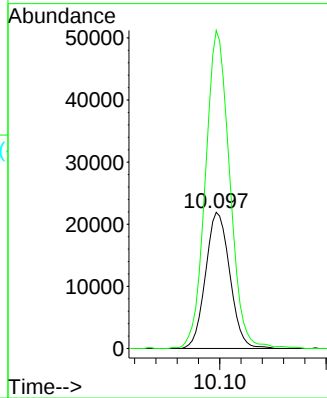
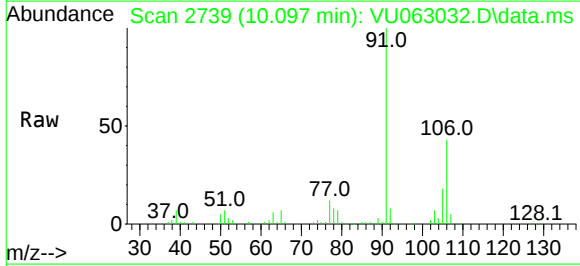
91 233.5 160.4 297.8

Manual Integrations

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#62

1,3,5-Trimethylbenzene

Concen: 0.594 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU063032.D

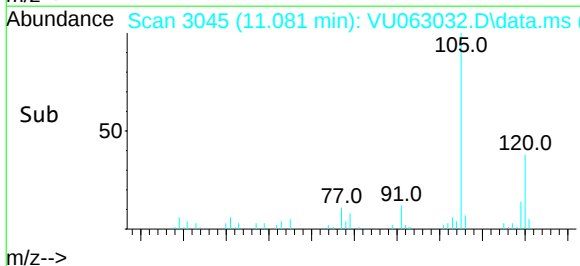
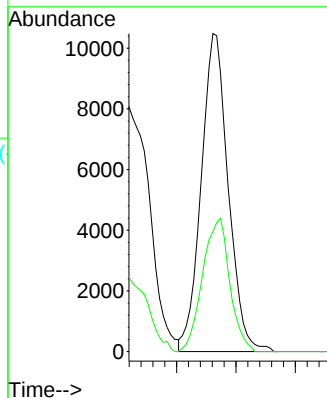
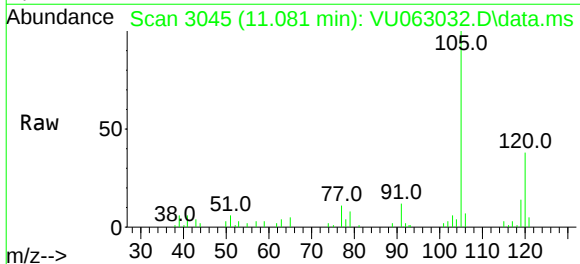
Acq: 27 Jan 2025 21:53

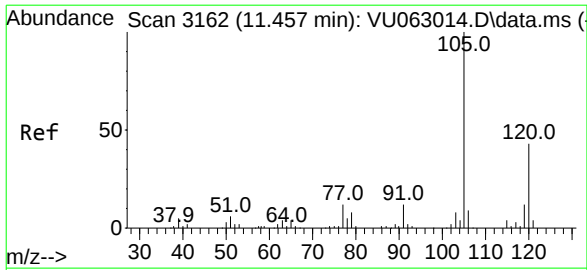
Tgt Ion:105 Resp: 16567

Ion Ratio Lower Upper

105 100

120 42.0 35.9 53.9





#63
1,2,4-Trimethylbenzene
Concen: 2.120 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VU063032.D
Acq: 27 Jan 2025 21:53

Instrument :
MSVOA_U
ClientSampleId :
E2964

Tgt Ion:105 Resp: 55969
Ion Ratio Lower Upper
105 100
120 36.6 34.2 51.2

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