

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
 Data File : VU063048.D
 Acq On : 28 Jan 2025 05:18
 Operator : MD/SY
 Sample : Q1195-13
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E2963

Manual Integrations
 APPROVED

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

Quant Time: Jan 29 08:20:07 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	6.283	114	114854	5.000	ug/L	0.05
28) Chlorobenzene-d5	9.415	117	110592	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	63592	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.624	65	15331	3.713	ug/L	0.03
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.200%
7) Chloroethane-d5	1.936	69	11670	3.723	ug/L	0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.400%
11) 1,1-Dichloroethene-d2	2.592	65	9133	3.699	ug/L	0.04
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.000%
20) 2-Butanone-d5	4.721	46	40392	33.707	ug/L	0.12
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.420%
24) Chloroform-d	5.094	84	66520	4.056	ug/L	0.04
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
26) 1,2-Dichloroethane-d4	5.750	65	38869	4.152	ug/L	0.06
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
32) Benzene-d6	5.769	84	103699	4.103	ug/L	0.05
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	6.717	67	29081	4.519	ug/L	0.04
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.907	98	106277	4.253	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	8.187	79	16627	4.174	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.643	63	47376	47.664	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.320%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	30031	4.915	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	12.183	152	49137	4.317	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.400%
Target Compounds	Qvalue					
13) Acetone	2.763	43	16408	21.176	ug/L	46
14) Carbon disulfide	2.814	76	10818	0.708	ug/L	96
19) 1,1-Dichloroethane	3.894	63	5404	0.488	ug/L	93
21) 2-Butanone	4.811	43	5893m	5.576	ug/L	
33) Benzene	5.817	78	29268	1.092	ug/L	100
34) Trichloroethene	6.570	95	12464	1.369	ug/L	97
40) 4-Methyl-2-pentanone	7.814	43	14723	5.065	ug/L	91
42) Toluene	7.978	91	183313	5.756	ug/L	100
47) Tetrachloroethene	8.557	164	281909	35.601	ug/L	97
52) Ethylbenzene	9.569	91	67630	1.822	ug/L	96
53) m,p-Xylene	9.688	106	80121	5.590	ug/L	96
54) o-Xylene	10.094	106	47186	3.593	ug/L	97
60) Isopropylbenzene	10.479	105	6119	0.152	ug/L #	84
62) 1,3,5-Trimethylbenzene	11.081	105	19657	0.556	ug/L	95
63) 1,2,4-Trimethylbenzene	11.460	105	60784	1.819	ug/L	100

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

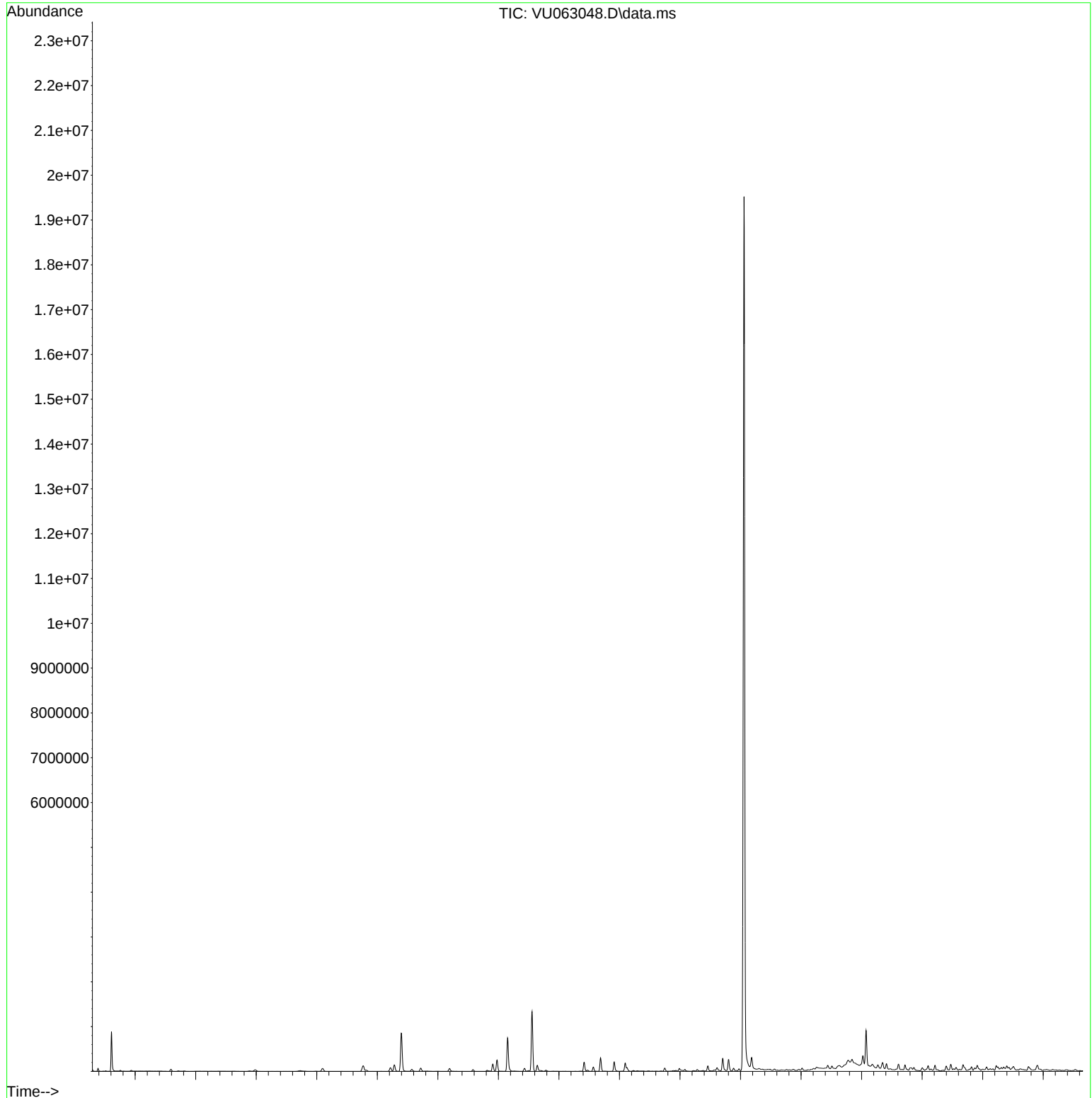
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
Data File : VU063048.D
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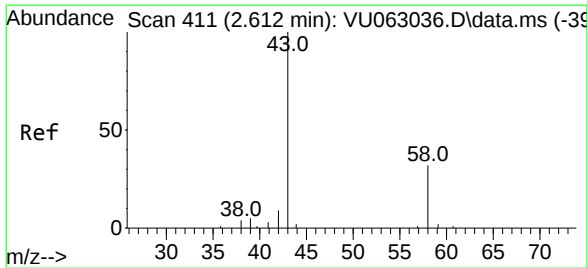
Instrument :
MSVOA_U
ClientSampleId :
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 29 08:16:38 2025
Response via : Initial Calibration





#13

Acetone

Concen: 21.176 ug/L

RT: 2.763 min Scan# 45

Delta R.T. 0.151 min

Lab File: VU063048.D

Acq: 28 Jan 2025 05:18

Instrument :

MSVOA_U

ClientSampleId :

E2963

Tgt Ion: 43 Resp: 16408

Ion Ratio Lower Upper

43 100

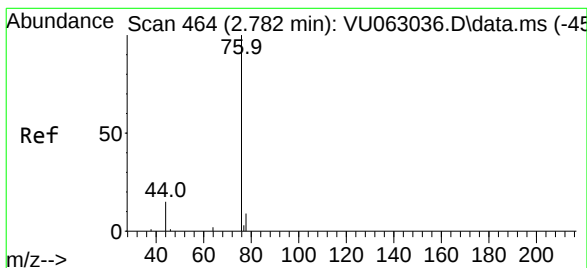
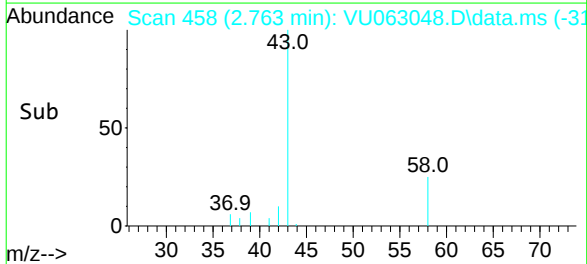
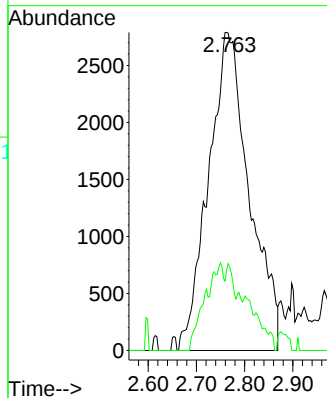
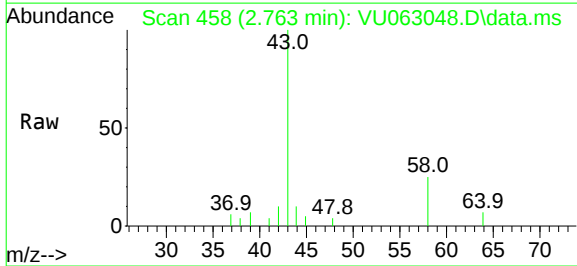
58 1.9 0.0 64.4

Manual Integrations

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#14

Carbon disulfide

Concen: 0.708 ug/L

RT: 2.814 min Scan# 474

Delta R.T. 0.032 min

Lab File: VU063048.D

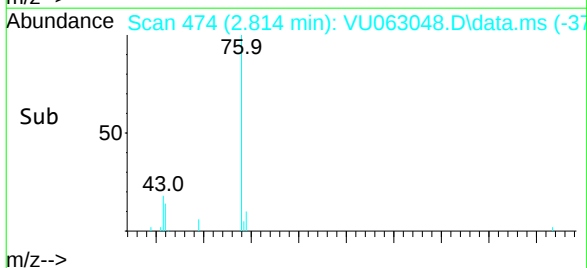
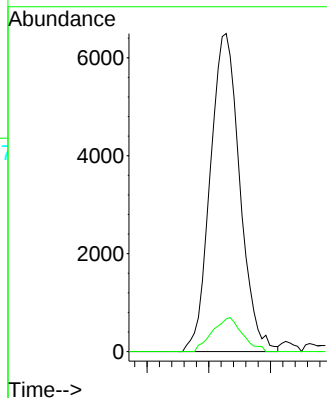
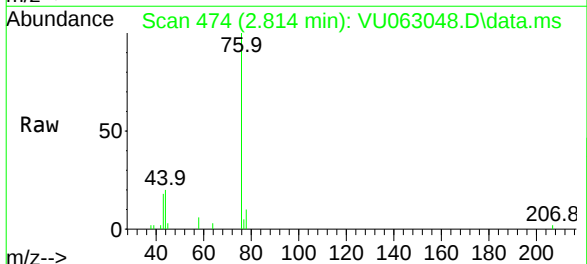
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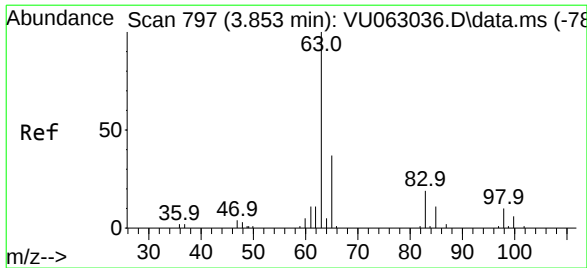
Tgt Ion: 76 Resp: 10818

Ion Ratio Lower Upper

76 100

78 10.3 7.0 10.6





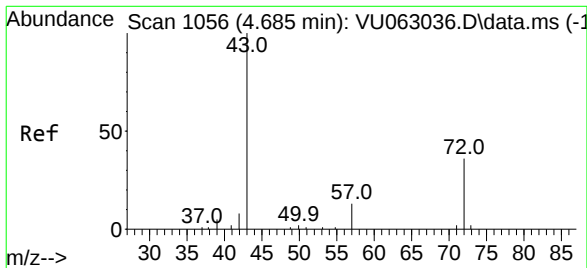
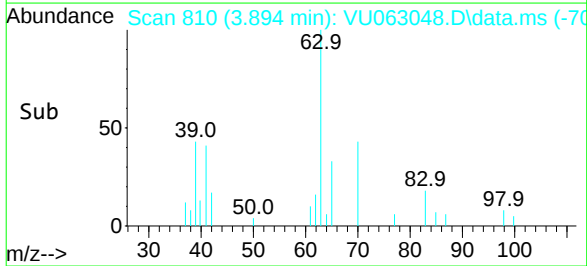
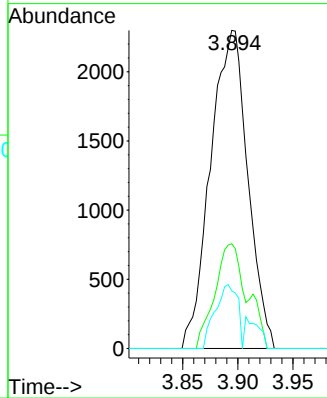
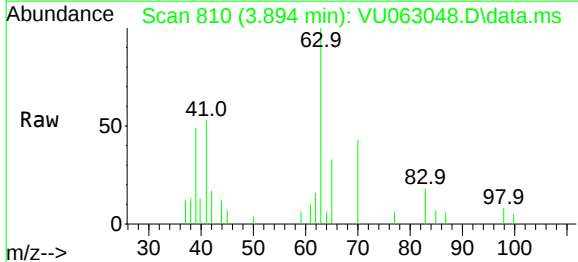
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1,1-Dichloroethane
Concen: 0.488 ug/L
RT: 3.894 min Scan# 81
Delta R.T. 0.042 min
Lab File: VU063048.D
Acq: 28 Jan 2025 05:18

Instrument :
MSVOA_U
ClientSampleId :
E2963

Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.9	20.7	38.5
83	18.1	10.5	19.5

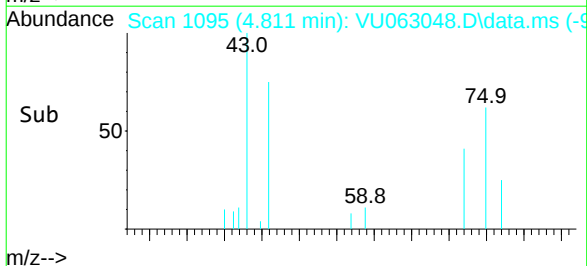
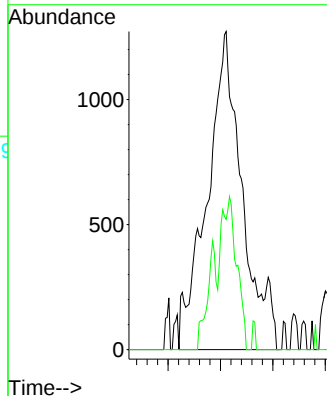
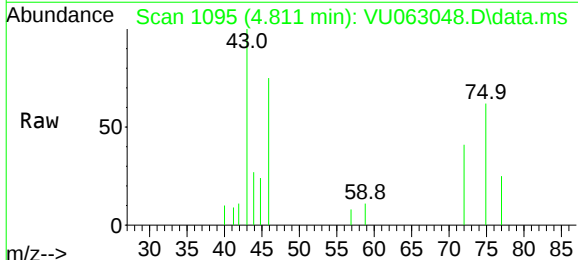
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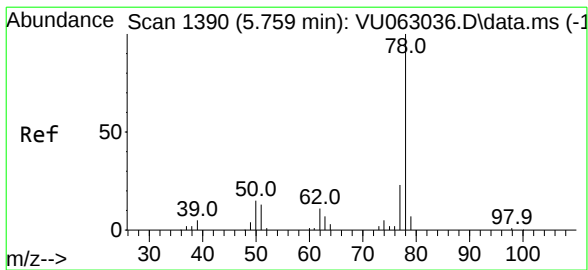
Reviewed By :Mahesh Dadoda 01/30/2025
Supervised By :Semsettin Yesilyurt 01/30/2025



#21
2-Butanone
Concen: 5.576 ug/L m
RT: 4.811 min Scan# 1095
Delta R.T. 0.125 min
Lab File: VU063048.D
Acq: 28 Jan 2025 05:18

Tgt Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.1	51.2#





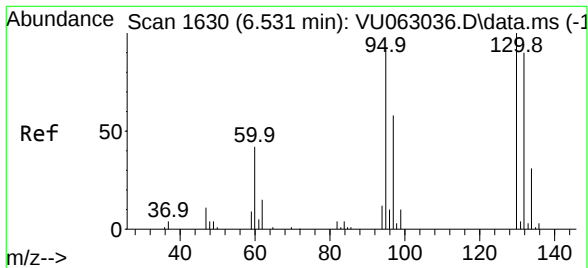
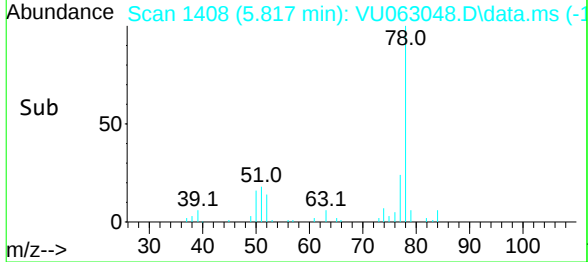
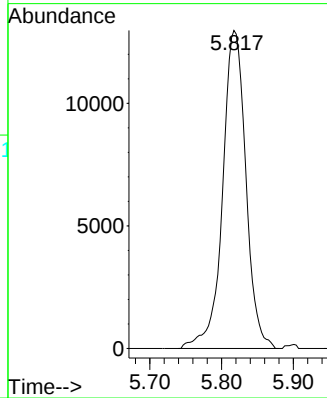
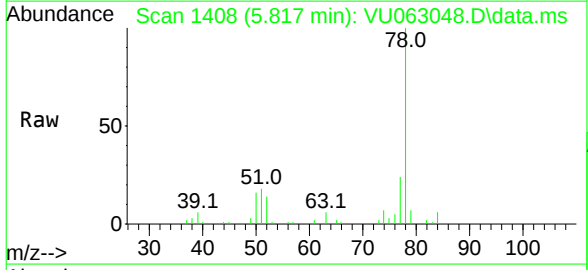
#33
Benzene
Concen: 1.092 ug/L
RT: 5.817 min Scan# 1408
Delta R.T. 0.058 min
Lab File: VU063048.D
Acq: 28 Jan 2025 05:18

Instrument : MSVOA_U
ClientSampleId : E2963

Tgt Ion: 78 Resp: 29268

Manual Integrations
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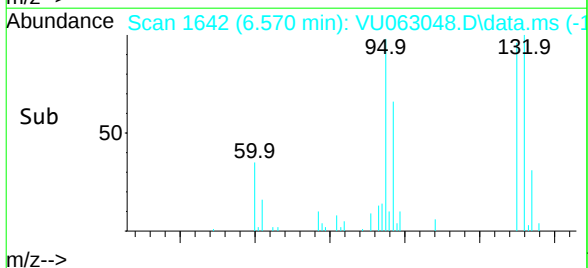
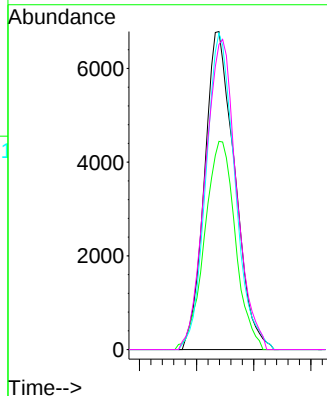
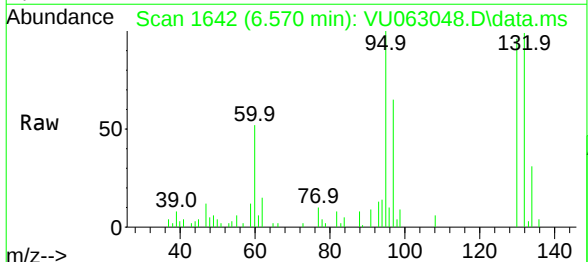
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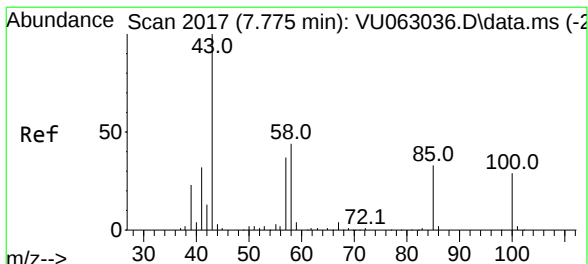


#34
Trichloroethene
Concen: 1.369 ug/L
RT: 6.570 min Scan# 1642
Delta R.T. 0.038 min
Lab File: VU063048.D
Acq: 28 Jan 2025 05:18

Tgt Ion: 95 Resp: 12464

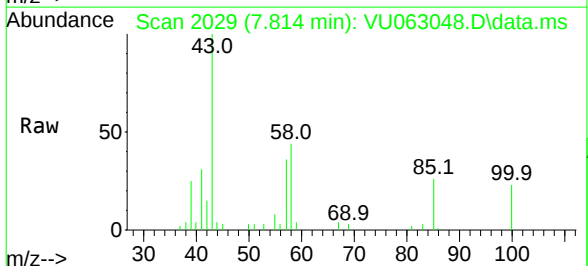
Ion	Ratio	Lower	Upper
95	100		
97	65.5	47.5	88.3
132	99.5	66.9	124.3
130	95.9	68.6	127.4





#40
 4-Methyl-2-pentanone
 Concen: 5.065 ug/L
 RT: 7.814 min Scan# 2080
 Delta R.T. 0.038 min
 Lab File: VU063048.D
 Acq: 28 Jan 2025 05:18

Instrument :
 MSVOA_U
 ClientSampleId :
 E2963

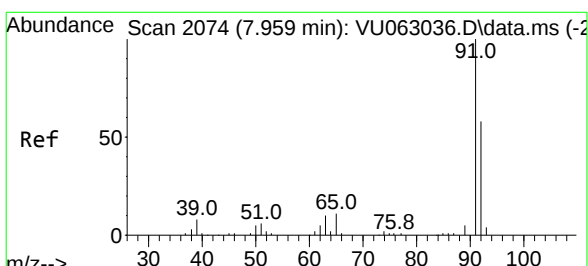
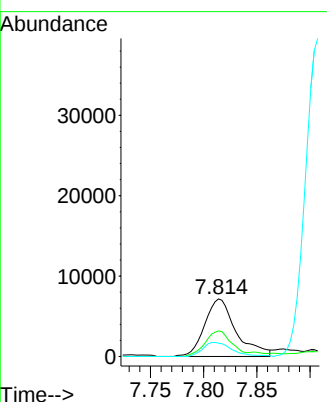
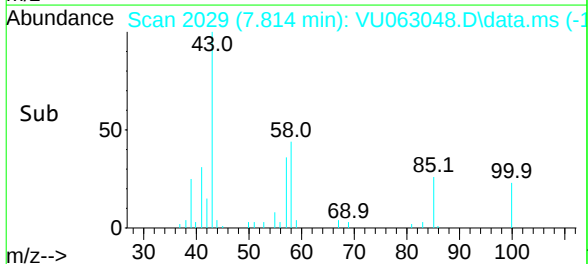


Tgt Ion: 43 Resp: 14723

Ion	Ratio	Lower	Upper
43	100		
58	37.1	35.8	53.8
100	22.8	16.8	25.2

Manual Integrations
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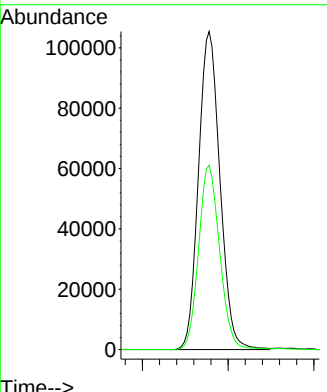
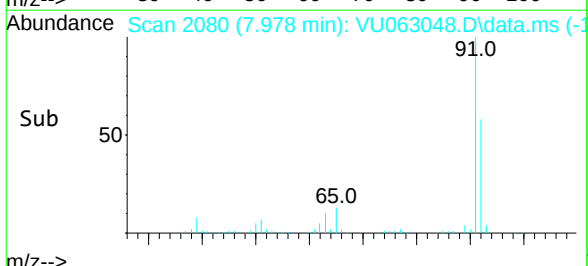
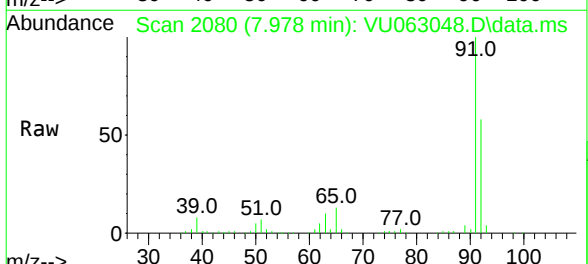
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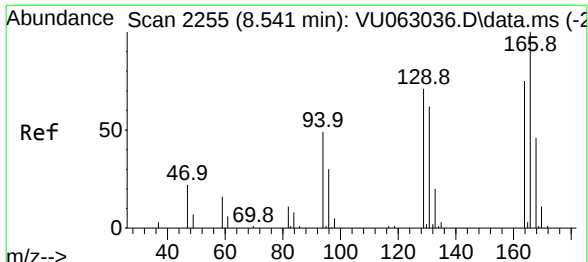


#42
 Toluene
 Concen: 5.756 ug/L
 RT: 7.978 min Scan# 2080
 Delta R.T. 0.019 min
 Lab File: VU063048.D
 Acq: 28 Jan 2025 05:18

Tgt Ion: 91 Resp: 183313

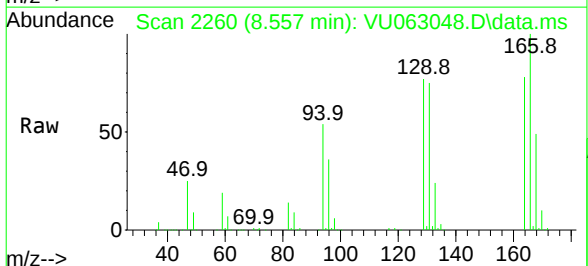
Ion	Ratio	Lower	Upper
91	100		
92	57.9	40.4	75.0





#47
Tetrachloroethene
Concen: 35.601 ug/L
RT: 8.557 min Scan# 2255
Delta R.T. 0.016 min
Lab File: VU063048.D
Acq: 28 Jan 2025 05:18

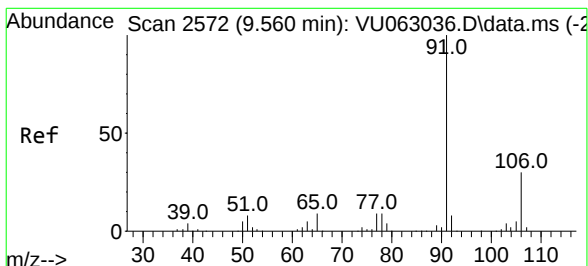
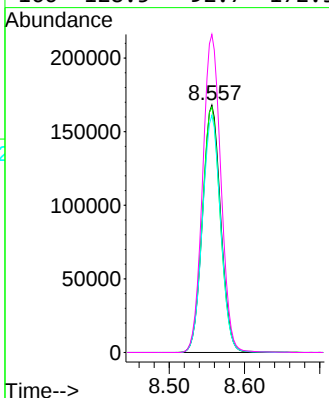
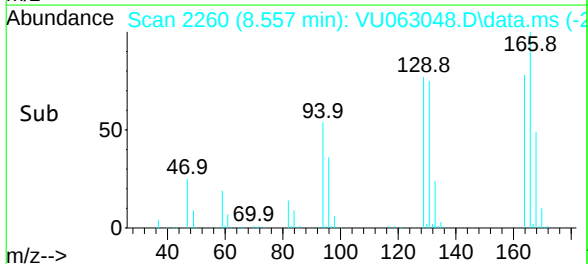
Instrument :
MSVOA_U
ClientSampleId :
E2963



Tgt Ion	Ratio	Lower	Upper
164	100		
129	99.1	71.0	131.9
131	95.8	69.4	129.0
166	128.5	92.7	172.3

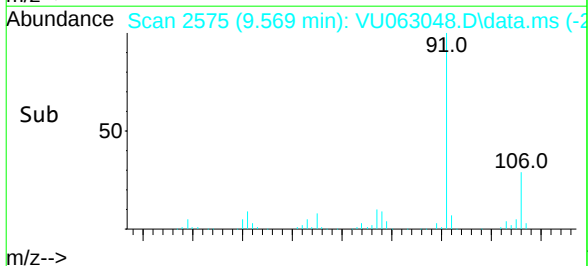
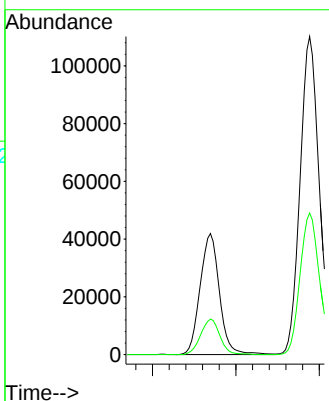
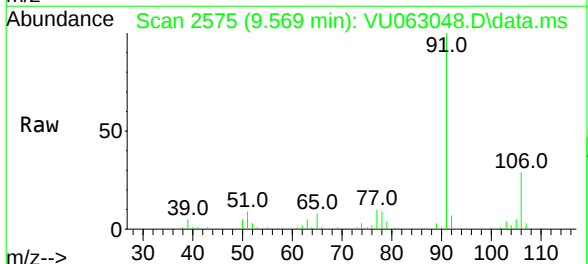
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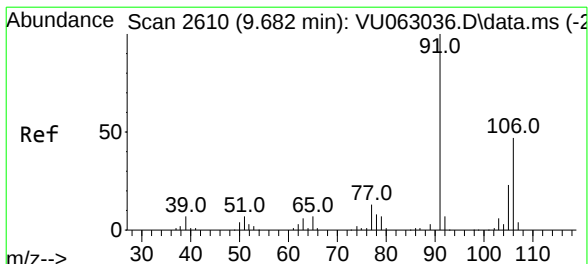
Reviewed By :Mahesh Dadoda 01/30/2025
Supervised By :Semsettin Yesilyurt 01/30/2025



#52
Ethylbenzene
Concen: 1.822 ug/L
RT: 9.569 min Scan# 2575
Delta R.T. 0.010 min
Lab File: VU063048.D
Acq: 28 Jan 2025 05:18

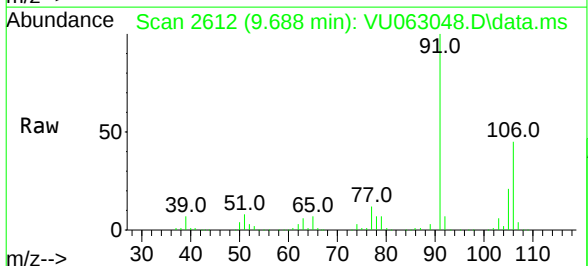
Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.3	21.9	40.7





#53
 m,p-Xylene
 Concen: 5.590 ug/L
 RT: 9.688 min Scan# 2610
 Delta R.T. 0.006 min
 Lab File: VU063048.D
 Acq: 28 Jan 2025 05:18

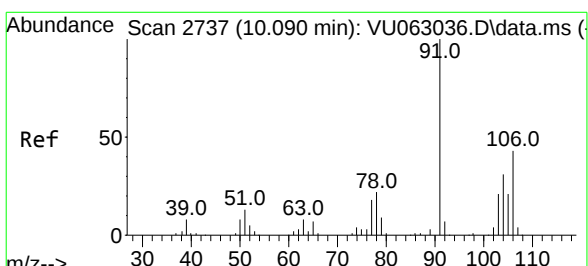
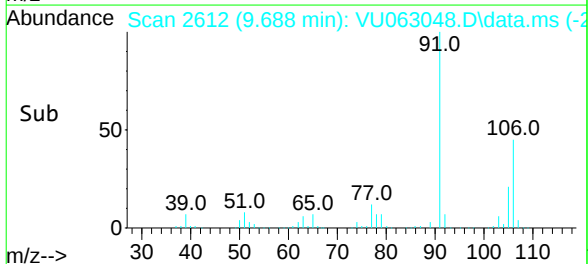
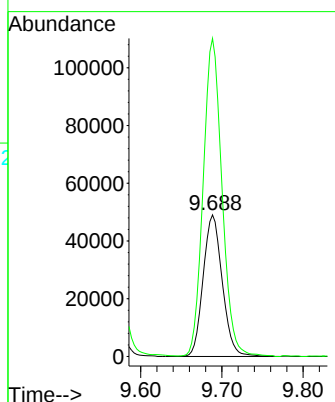
Instrument : MSVOA_U
 ClientSampleId : E2963



Tgt Ion: 106 Resp: 80121

Ion	Ratio	Lower	Upper
106	100		
91	224.6	153.1	284.3

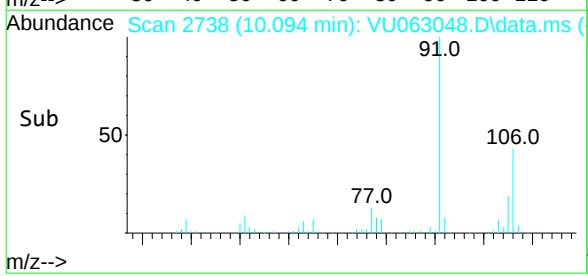
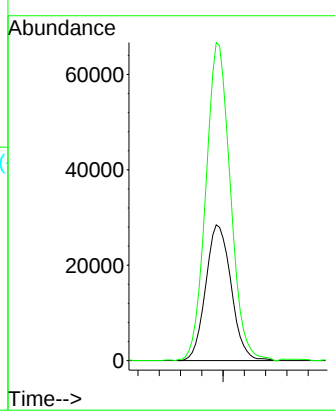
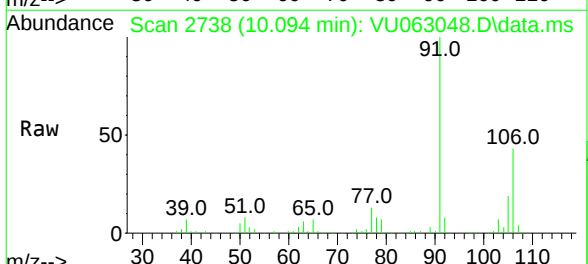
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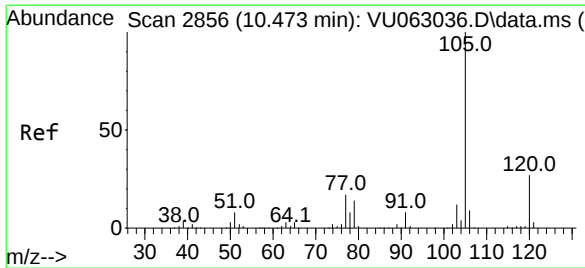


#54
 o-Xylene
 Concen: 3.593 ug/L
 RT: 10.094 min Scan# 2738
 Delta R.T. 0.003 min
 Lab File: VU063048.D
 Acq: 28 Jan 2025 05:18

Tgt Ion: 106 Resp: 47186

Ion	Ratio	Lower	Upper
106	100		
91	234.3	160.4	297.8





#60

Isopropylbenzene

Concen: 0.152 ug/L

RT: 10.479 min Scan# 28

Delta R.T. 0.006 min

Lab File: VU063048.D

Acq: 28 Jan 2025 05:18

Instrument :

MSVOA_U

ClientSampleId :

E2963

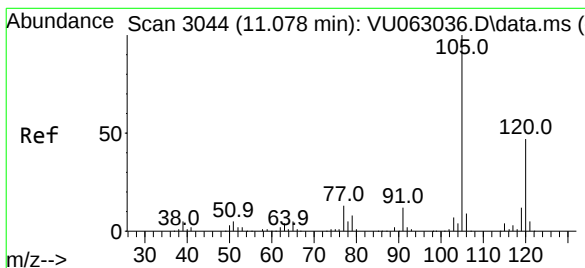
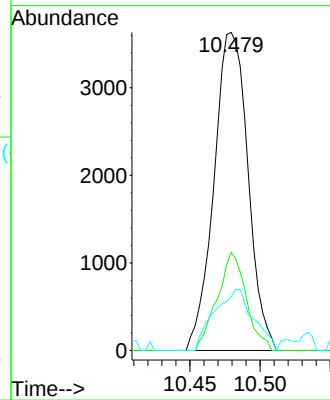
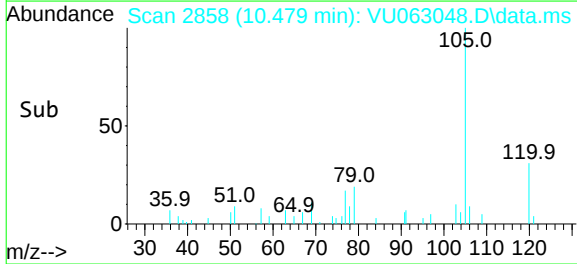
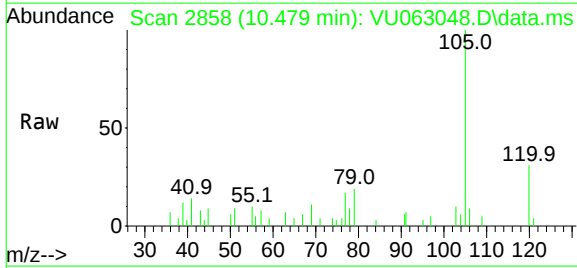
Tgt	Ion:105	Resp:	6119
Ion	Ratio	Lower	Upper
105	100		
120	26.4	20.2	30.2
77	0.0	13.0	19.4#

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/30/2025

Supervised By :Semsettin Yesilyurt 01/30/2025



#62

1,3,5-Trimethylbenzene

Concen: 0.556 ug/L

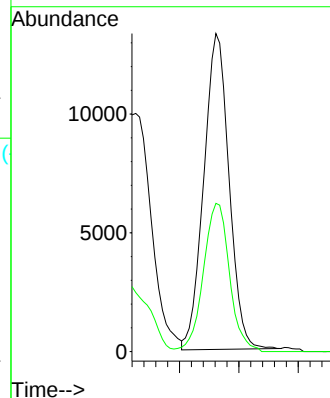
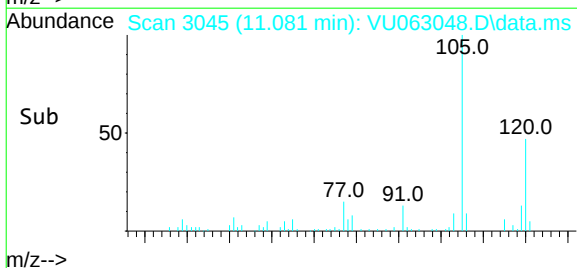
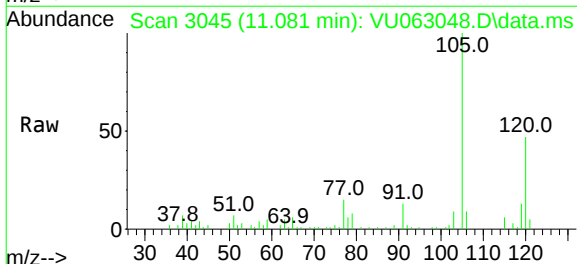
RT: 11.081 min Scan# 3045

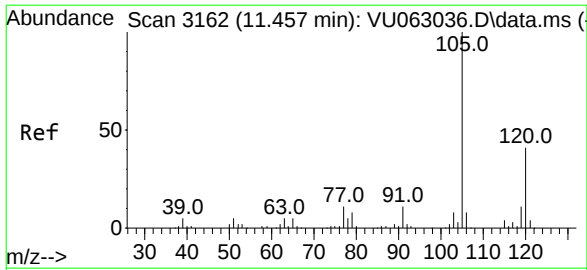
Delta R.T. 0.003 min

Lab File: VU063048.D

Acq: 28 Jan 2025 05:18

Tgt	Ion:105	Resp:	19657
Ion	Ratio	Lower	Upper
105	100		
120	48.5	35.9	53.9





#63
1,2,4-Trimethylbenzene
Concen: 1.819 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VU063048.D
Acq: 28 Jan 2025 05:18

Instrument :
MSVOA_U
ClientSampleId :
E2963

Tgt Ion:105 Resp: 60784
Ion Ratio Lower Upper
105 100
120 42.7 34.2 51.2

Manual Integrations
APPROVED

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

