

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011325\
 Data File : VU062716.D
 Acq On : 13 Jan 2025 14:44
 Operator : MD/SY
 Sample : Q1059-20
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHSM2

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/14/2025
 Supervised By : Mahesh Dadoda 01/14/2025

Quant Time: Jan 13 19:02:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 13 18:58:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	85405	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	80258	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	38558	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	19518	4.126	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.901	69	17395	4.572	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.557	65	10895	4.446	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.000%
20) 2-Butanone-d5	4.608	46	54730	56.613	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.220%
24) Chloroform-d	5.049	84	59530	5.115	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	5.689	65	33775	5.351	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.000%
32) Benzene-d6	5.718	84	100142	5.104	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
36) 1,2-Dichloropropane-d6	6.679	67	28363	5.214	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.200%
41) Toluene-d8	7.888	98	90010	4.709	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	8.174	79	11945	4.405	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.200%
46) 2-Hexanone-d5	8.621	63	44918	52.673	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.340%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	25322	5.559	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	35100	5.472	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.400%
Target Compounds					Qvalue	
13) Acetone	2.615	43	9427	12.310	ug/L	95
21) 2-Butanone	4.711	43	4830m	4.736	ug/L	
42) Toluene	7.962	91	16395	0.649	ug/L	88

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

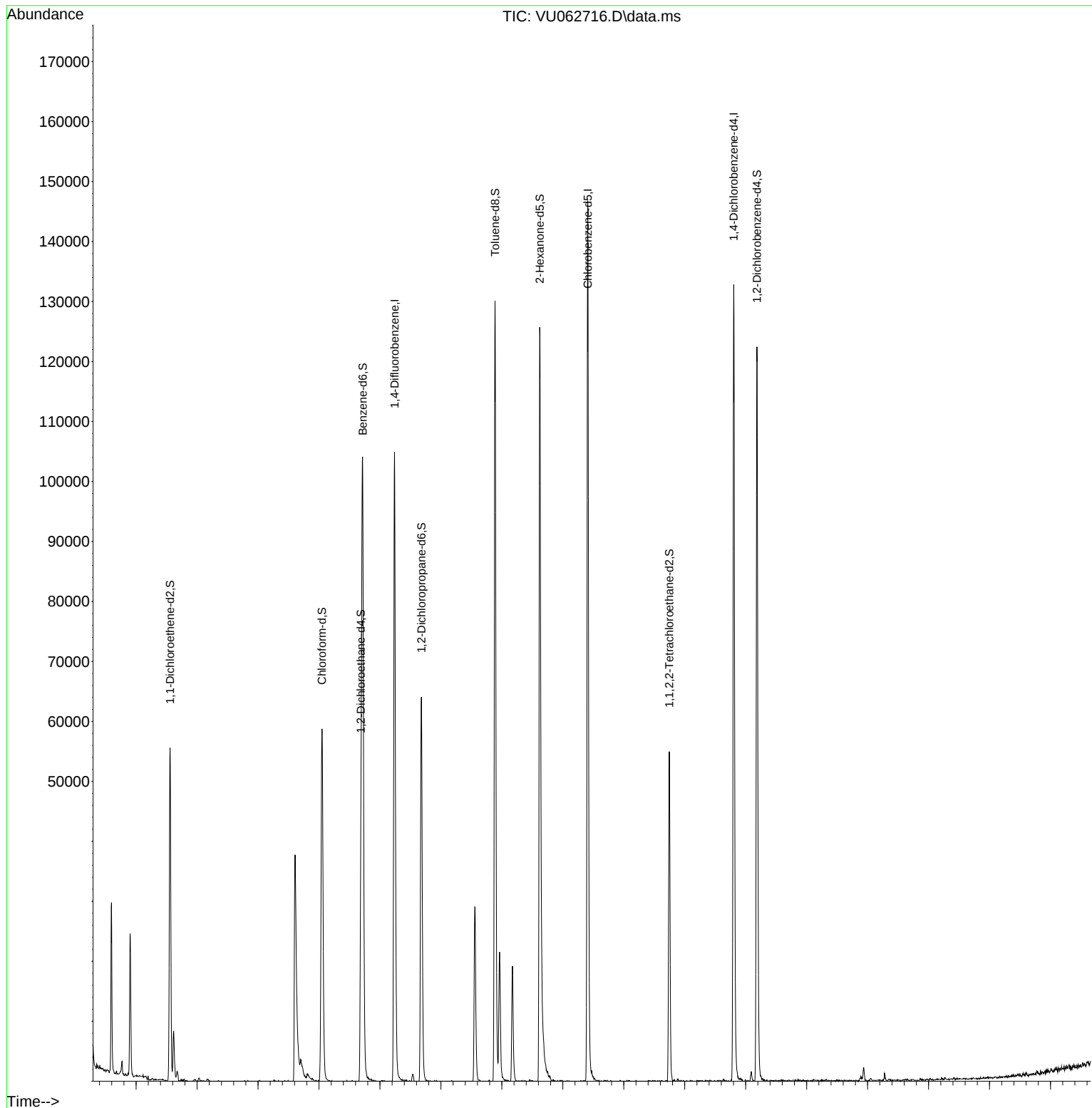
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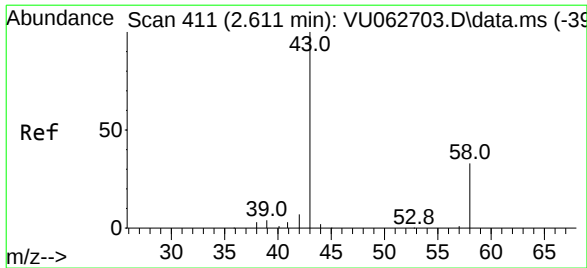
Instrument :
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#13

Acetone

Concen: 12.310 ug/L

RT: 2.615 min Scan# 411

Delta R.T. 0.004 min

Lab File: VU062716.D

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Instrument :

MSVOA_U

ClientSampleId :

BHSM2

Tgt Ion: 43 Resp: 9427

Ion Ratio Lower Upper

43 100

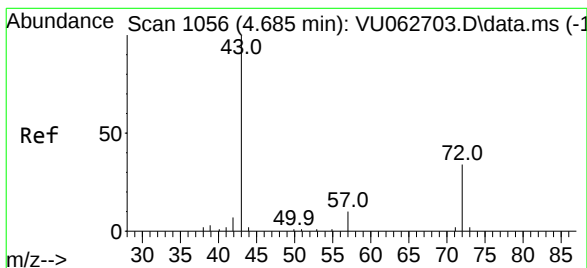
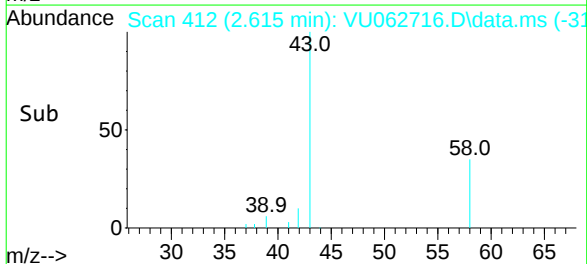
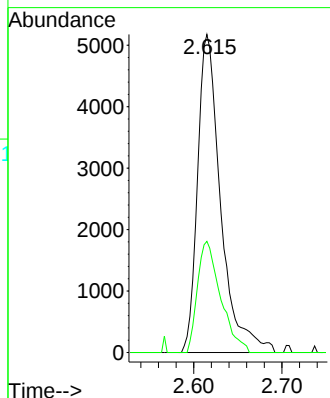
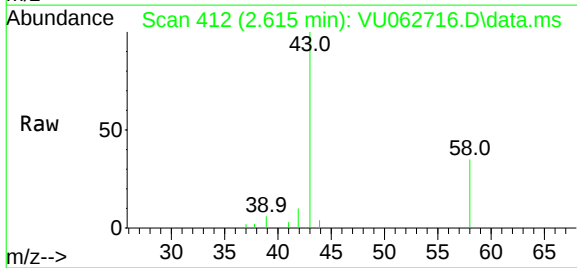
58 35.0 0.0 64.4

Manual Integrations

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#21

2-Butanone

Concen: 4.736 ug/L m

RT: 4.711 min Scan# 1064

Delta R.T. 0.026 min

Lab File: VU062716.D

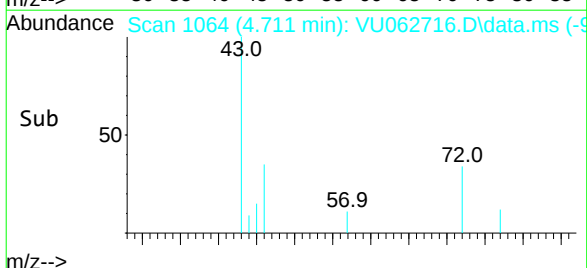
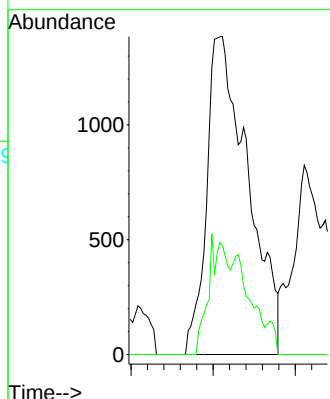
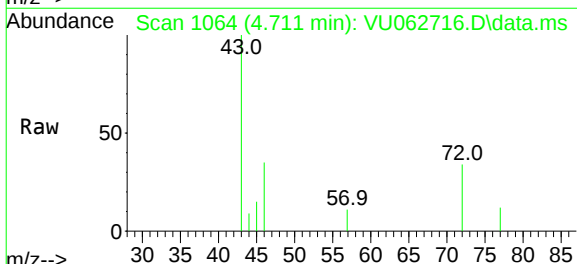
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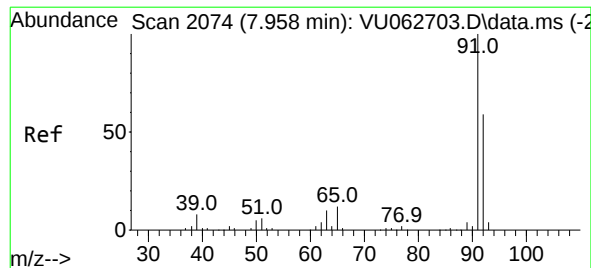
Tgt Ion: 43 Resp: 4830

Ion Ratio Lower Upper

43 100

72 17.4 17.1 51.2





#42

Toluene

Concen: 0.649 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.003 min

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Tgt Ion: 91 Resp: 16395

Ion Ratio Lower Upper

91 100

92 66.8 40.4 75.0

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