

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081324\
 Data File : VU060422.D
 Acq On : 13 Aug 2024 13:38
 Operator : MD/SY
 Sample : P3501-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BW3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/14/2024
 Supervised By :Mahesh Dadoda 08/14/2024

Quant Time: Aug 14 01:21:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 14 01:18:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	79656	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	83857	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	38439	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.586	65	21686	3.468	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	69.400%	
7) Chloroethane-d5	1.901	69	21658	3.841	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	76.800%	
11) 1,1-Dichloroethene-d2	2.551	65	10250	3.852	ug/L	-0.01
Spiked Amount	5.000	Range 60 - 125	Recovery	=	77.000%	
20) 2-Butanone-d5	4.705	46	67353	50.757	ug/L	0.07
Spiked Amount	50.000	Range 40 - 130	Recovery	=	101.520%	
24) Chloroform-d	5.052	84	55831	4.510	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.200%	
26) 1,2-Dichloroethane-d4	5.695	65	26934	4.691	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.800%	
32) Benzene-d6	5.714	84	95823	3.789	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	75.800%	
36) 1,2-Dichloropropane-d6	6.685	67	35414	4.514	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.200%	
41) Toluene-d8	7.891	98	74734	3.310	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	66.200%#	
43) trans-1,3-Dichloroprop...	8.174	79	9480	3.738	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	74.800%	
46) 2-Hexanone-d5	8.637	63	55486	49.302	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.600%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	27295	4.241	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	84.800%	
66) 1,2-Dichlorobenzene-d4	12.187	152	31274	4.417	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	88.400%	
Target Compounds					Qvalue	
13) Acetone	2.734	43	7984m	8.811	ug/L	
22) cis-1,2-Dichloroethene	4.650	96	57821	9.296	ug/L	94
34) Trichloroethene	6.531	95	59962	9.488	ug/L	98
47) Tetrachloroethene	8.544	164	733042	148.288	ug/L	98

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

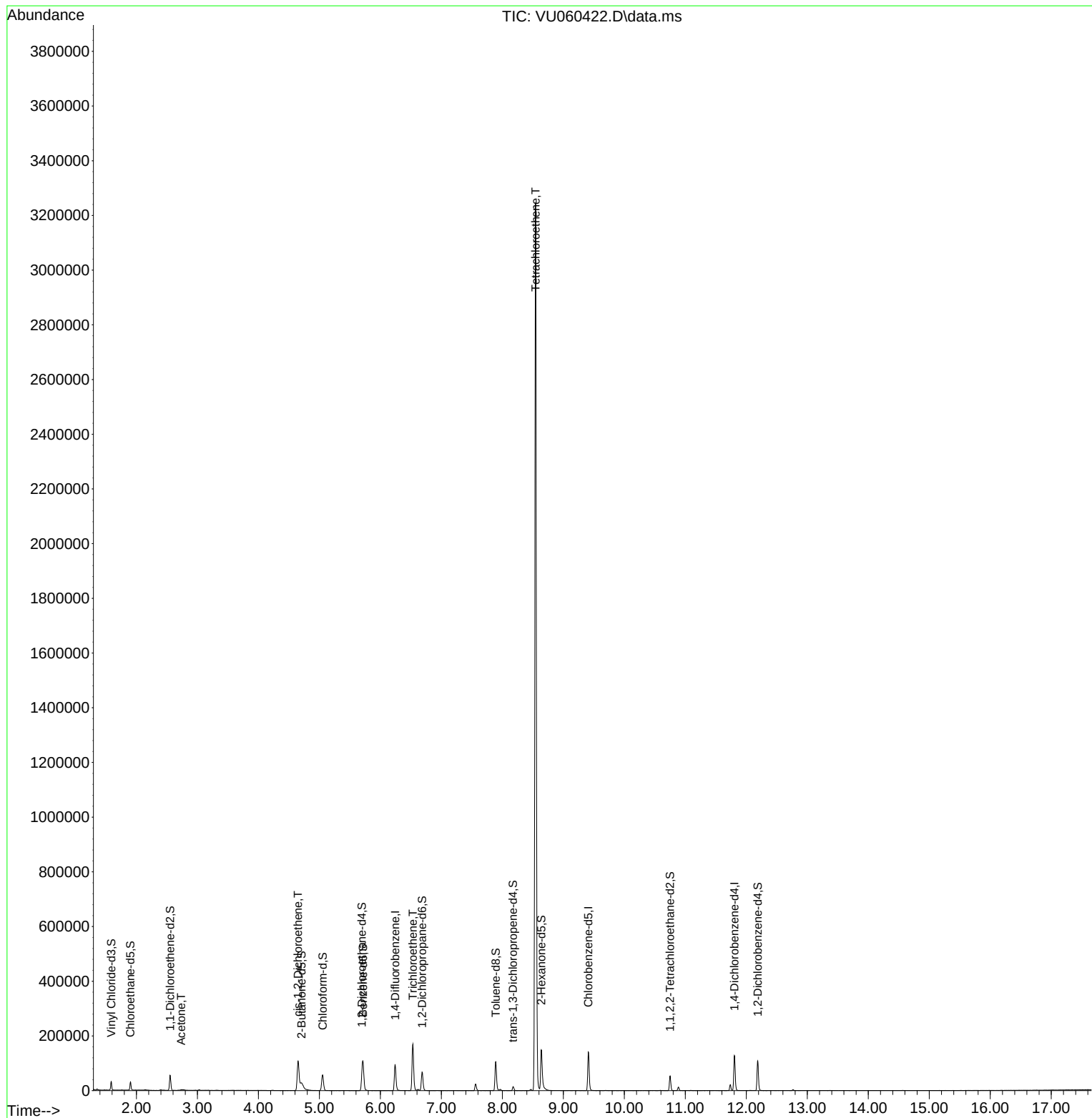
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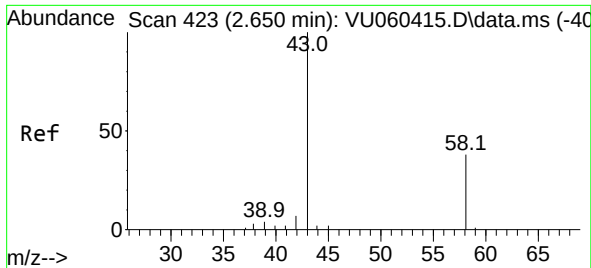
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#13

Acetone

Concen: 8.811 ug/L m

RT: 2.734 min Scan# 44

Delta R.T. 0.084 min

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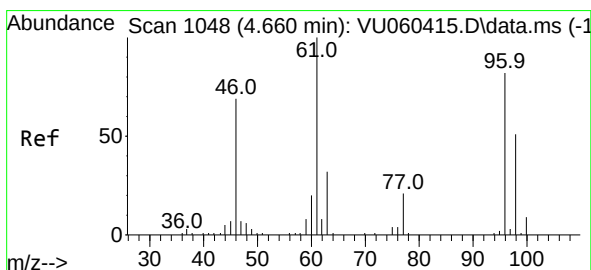
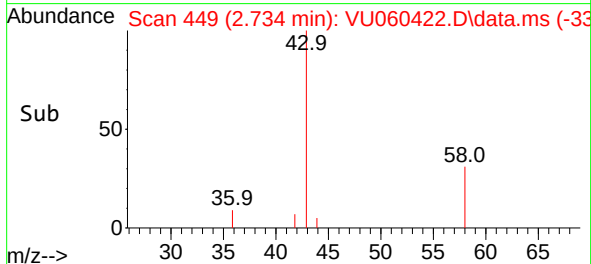
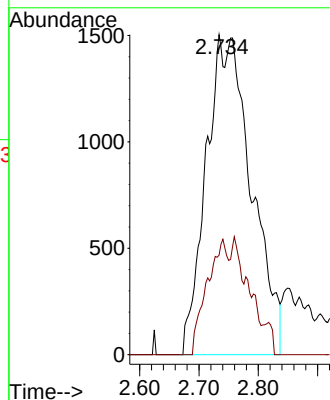
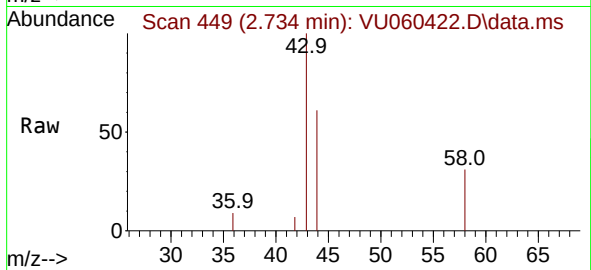
C0BW3

Tgt Ion: 43 Resp: 7984
 Ion Ratio Lower Upper
 43 100
 58 16.5 0.0 78.8

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#22

cis-1,2-Dichloroethene

Concen: 9.296 ug/L

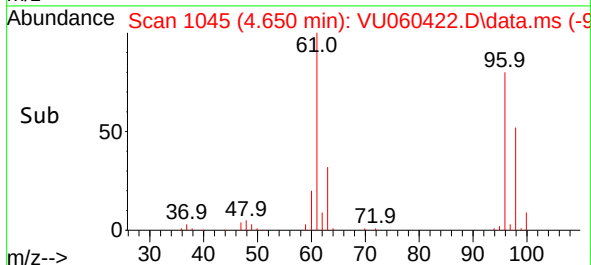
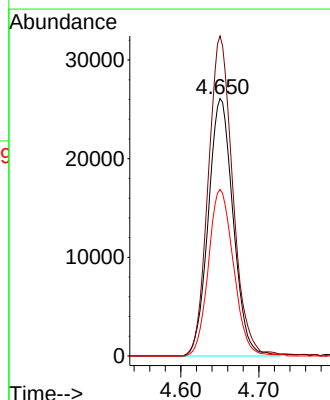
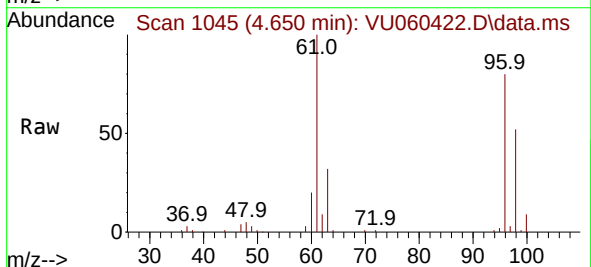
RT: 4.650 min Scan# 1045

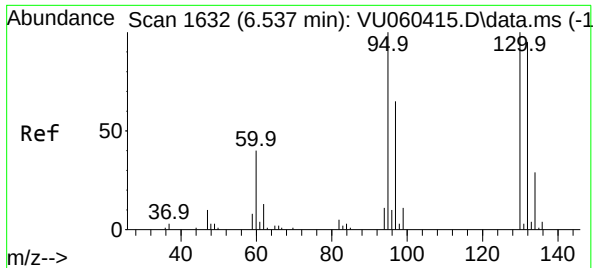
Delta R.T. -0.009 min

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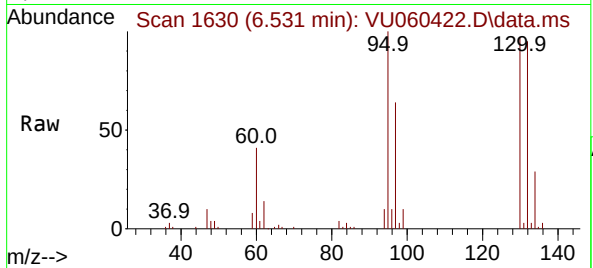
Tgt Ion: 96 Resp: 57821
 Ion Ratio Lower Upper
 96 100
 61 124.3 81.5 151.5
 98 64.7 43.5 80.7





#34
Trichloroethene
Concen: 9.488 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.006 min
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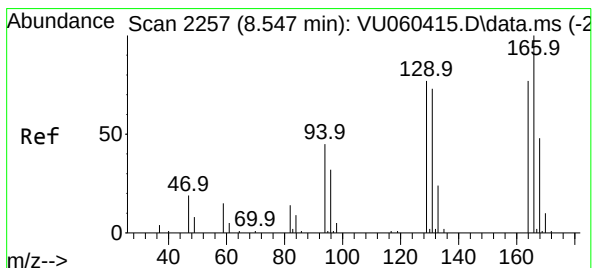
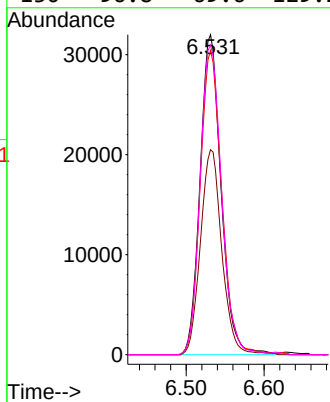
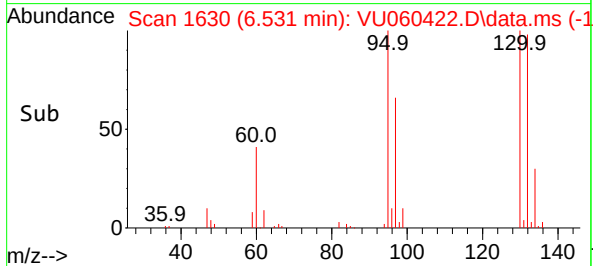
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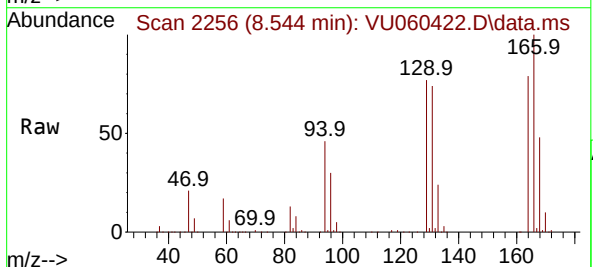
Tgt Ion: 95 Resp: 59962
Ion Ratio Lower Upper
95 100
97 64.0 43.6 81.0
132 95.1 67.1 124.5
130 96.8 69.6 129.2

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#47
Tetrachloroethene
Concen: 148.288 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU060422.D
Acq: 13 Aug 2024 13:38



Tgt Ion:164 Resp: 733042
Ion Ratio Lower Upper
164 100
129 97.3 69.0 128.1
131 94.0 62.6 116.3
166 126.5 89.2 165.8

