

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071823\
 Data File : VU054807.D
 Acq On : 18 Jul 2023 15:08
 Operator : MD/SY
 Sample : 03656-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH2W3

Quant Time: Jul 19 02:50:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 19 02:47:32 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/19/2023
 Supervised By : Mahesh Dadoda 07/19/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	220712	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	215824	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	111365	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	76776	45.007	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.020%		
7) Chloroethane-d5	1.882	69	75163	44.046	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.100%		
11) 1,1-Dichloroethene-d2	2.554	63	79535	32.503	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.000%		
21) 2-Butanone-d5	4.615	46	109480	99.846	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.850%		
24) Chloroform-d	5.055	84	126638	47.690	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.380%		
26) 1,2-Dichloroethane-d4	5.695	65	79749	50.152	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.300%		
32) Benzene-d6	5.721	84	249225	48.478	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.960%		
36) 1,2-Dichloropropane-d6	6.685	67	86146	49.764	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.520%		
41) Toluene-d8	7.894	98	238384	48.661	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.320%		
43) trans-1,3-Dichloroprop...	8.177	79	41483	46.845	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.680%		
47) 2-Hexanone-d5	8.631	63	80232	98.049	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.050%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	152698	48.024	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.040%		
66) 1,2-Dichlorobenzene-d4	12.190	152	97619	51.011	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.020%		
Target Compounds						
					Qvalue	
13) Acetone	2.628	43	3959m	4.293	ug/L	
20) cis-1,2-Dichloroethene	4.660	96	30274	17.919	ug/L	94
34) Trichloroethene	6.534	95	7461	4.740	ug/L	96
46) Tetrachloroethene	8.550	164	52651	43.630	ug/L	94

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

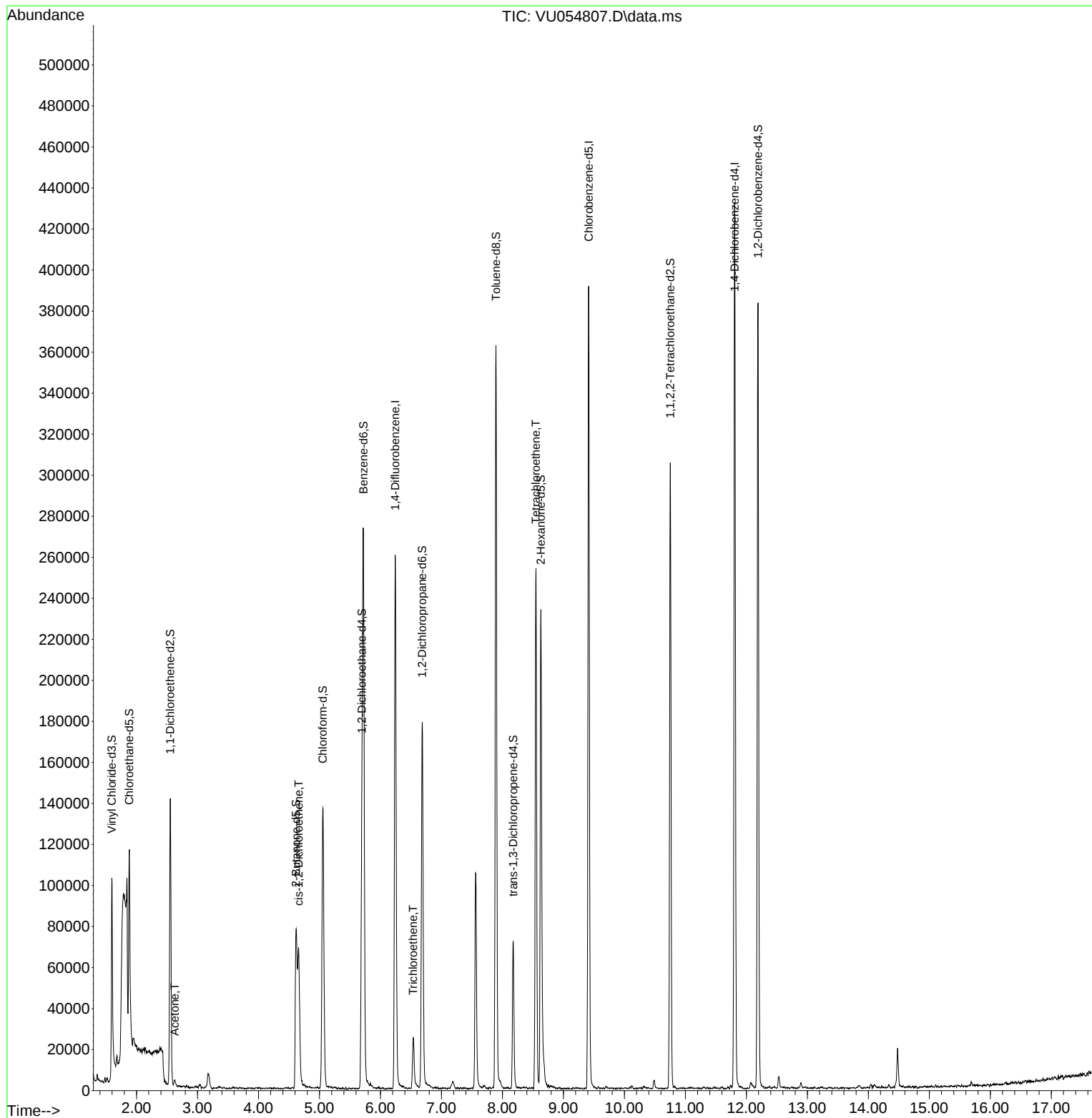
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071823\
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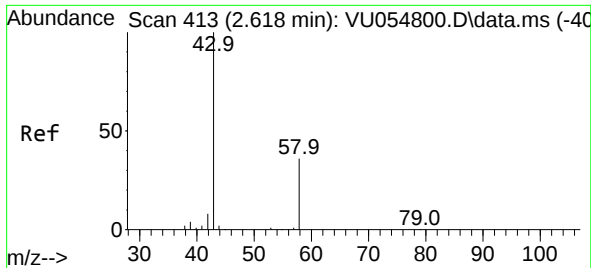
Instrument :
MSVOA_U
ClientSampleId :
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Quant Time: Jul 19 02:50:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071723WMA.M
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#13

Acetone

Concen: 4.293 ug/L m

RT: 2.628 min Scan# 41

Delta R.T. 0.010 min

Lab File: VU054807.D

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Instrument :

MSVOA_U

ClientSampleId :

BH2W3

Tgt Ion: 43 Resp: 3958

Ion Ratio Lower Upper

43 100

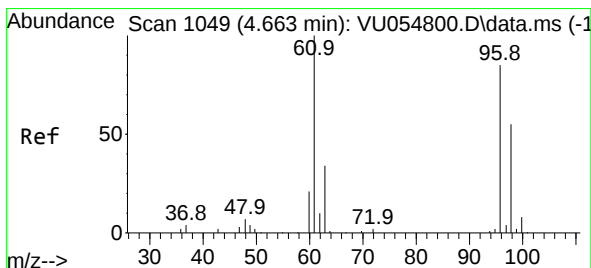
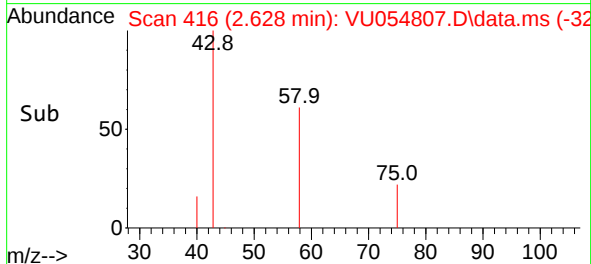
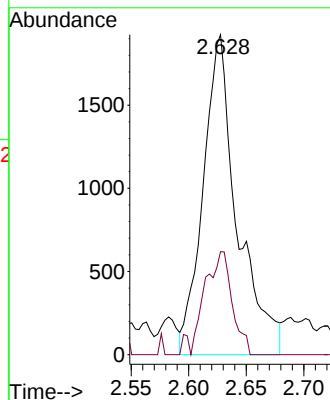
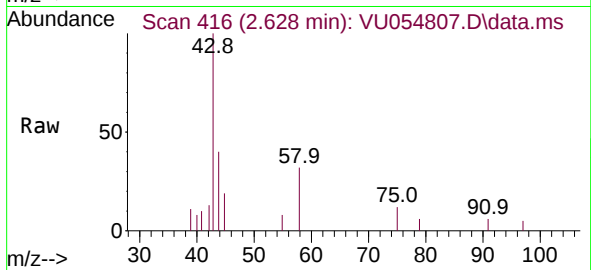
58 11.0 0.0 72.4

Manual Integrations

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#20

cis-1,2-Dichloroethene

Concen: 17.919 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.003 min

Lab File: VU054807.D

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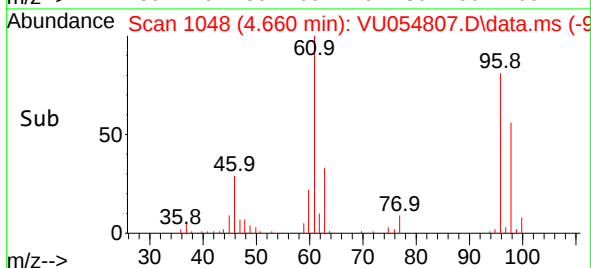
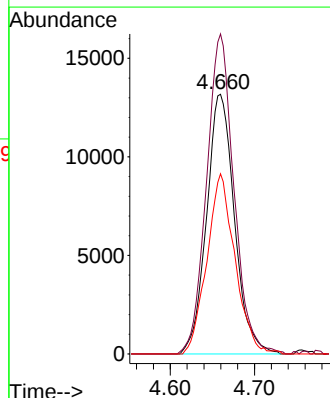
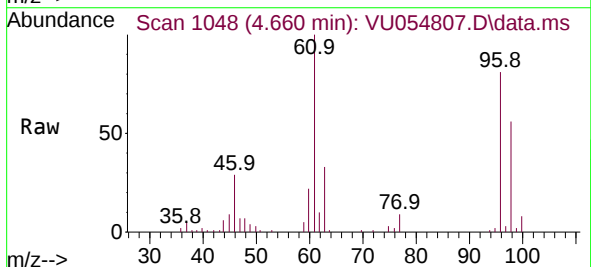
Tgt Ion: 96 Resp: 30274

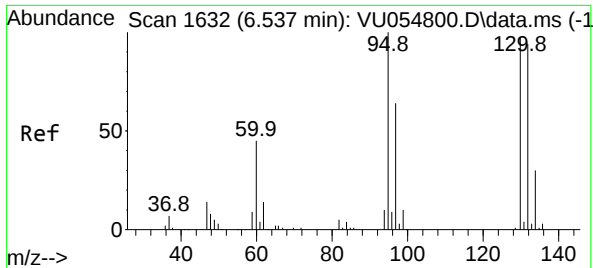
Ion Ratio Lower Upper

96 100

61 123.2 82.7 153.7

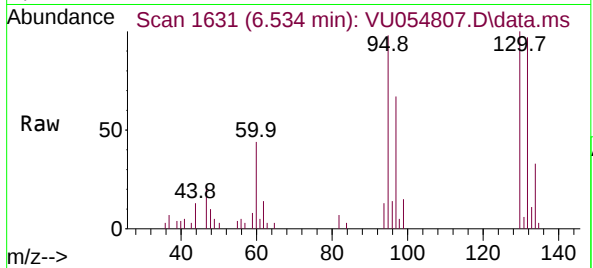
98 69.4 44.4 82.5





#34
Trichloroethene
Concen: 4.740 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.003 min
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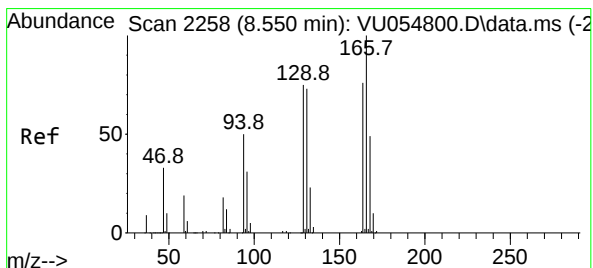
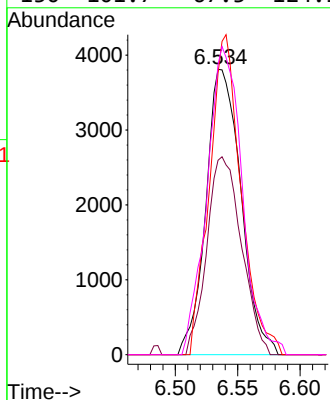
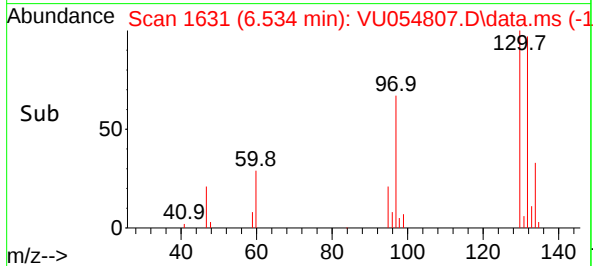
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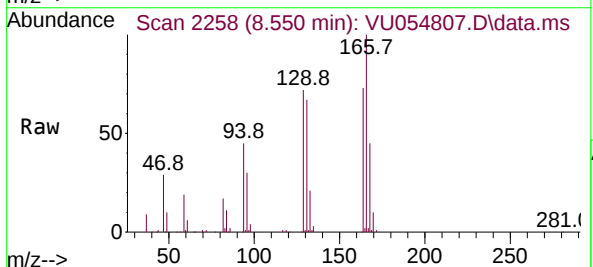
Tgt Ion: 95 Resp: 746
Ion Ratio Lower Upper
95 100
97 68.1 44.0 81.8
132 98.6 67.9 126.1
130 101.7 67.3 124.9

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#46
Tetrachloroethene
Concen: 43.630 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU054807.D
Acq: 18 Jul 2023 15:08



Tgt Ion:164 Resp: 52651
Ion Ratio Lower Upper
164 100
129 99.3 66.2 123.0
131 91.3 61.9 115.1
166 137.1 89.2 165.8

