

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

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

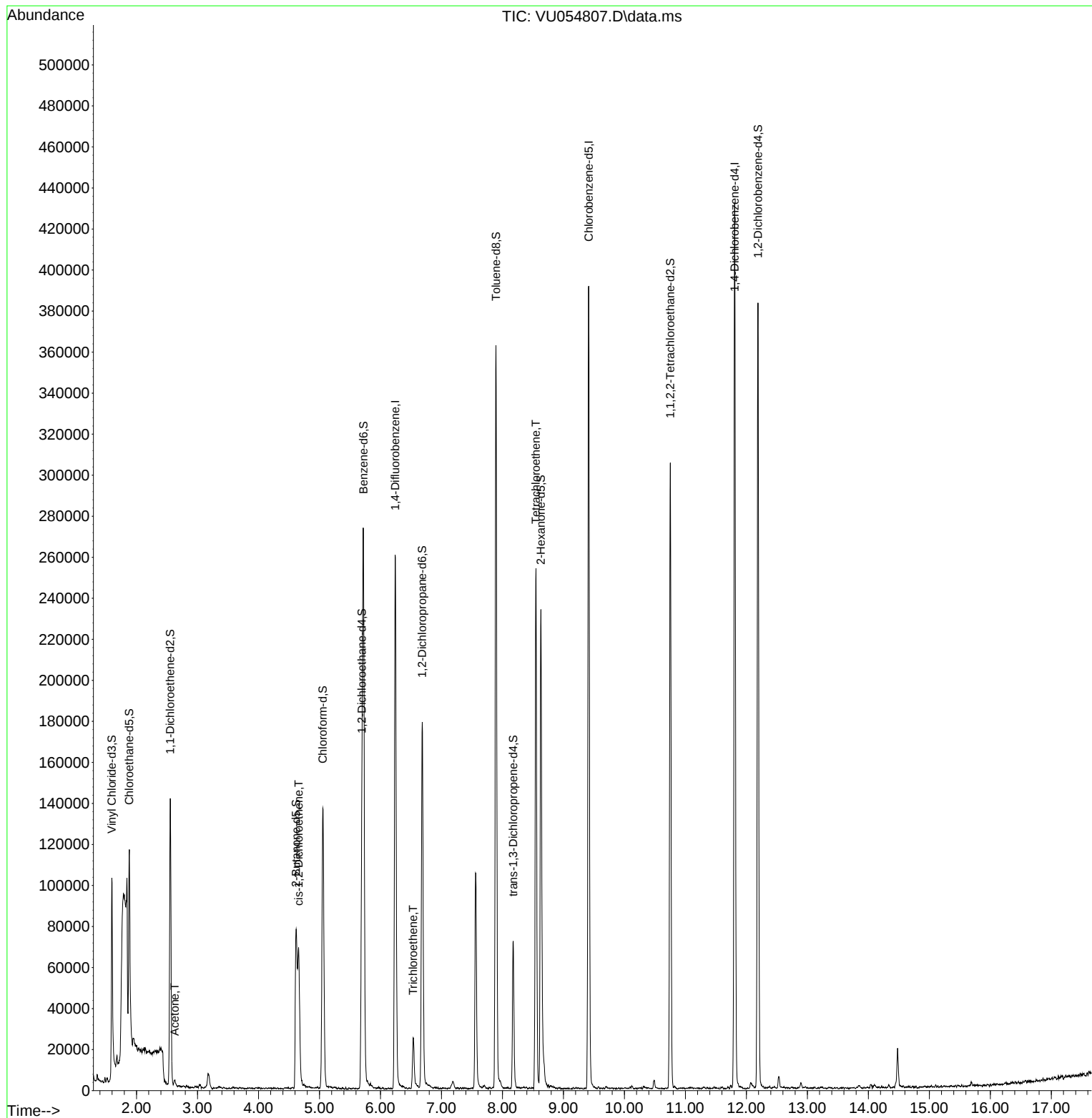
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	220712	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	215824	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	111365	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	76776	45.007	ug/L	0.00
Spiked Amount	50.000	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	2779	3.013	ug/L	65
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

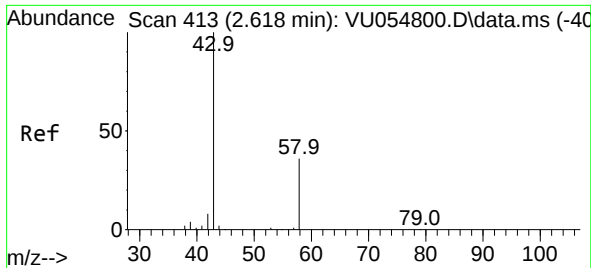
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.013 ug/L

RT: 2.628 min Scan# 41

Delta R.T. 0.010 min

Lab File: VU054807.D

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Instrument :

MSVOA_U

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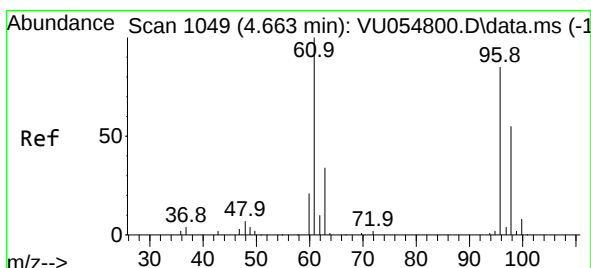
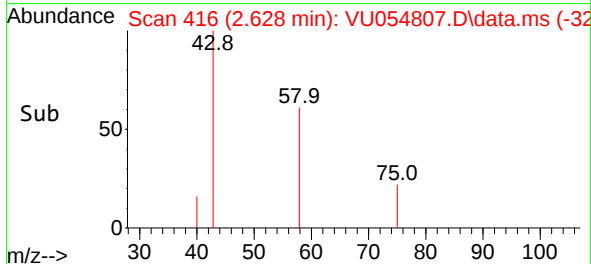
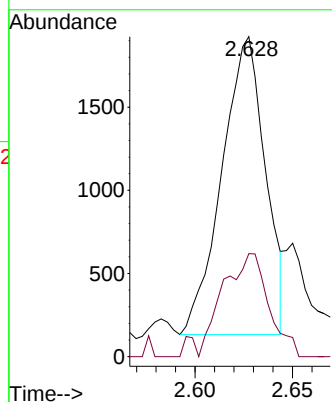
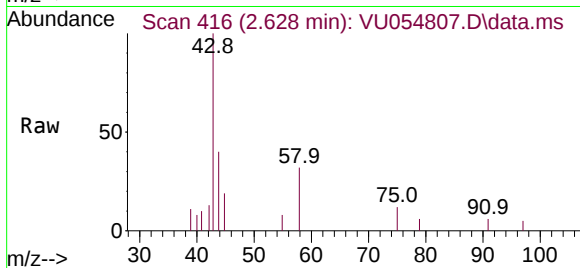
BH2W3

Tgt Ion: 43 Resp: 2779

Ion Ratio Lower Upper

43 100

58 15.7 0.0 72.4



#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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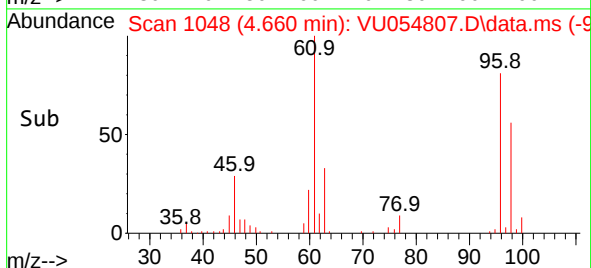
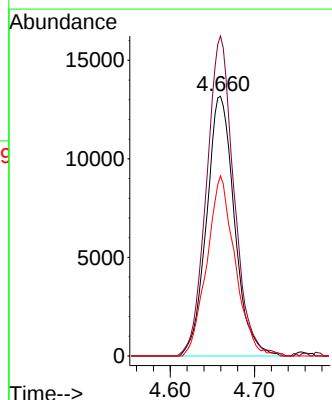
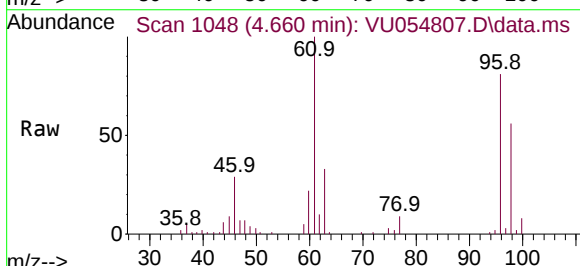
Tgt Ion: 96 Resp: 30274

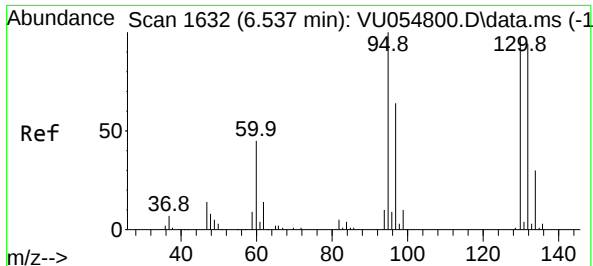
Ion Ratio Lower Upper

96 100

61 123.2 82.7 153.7

98 69.4 44.4 82.5



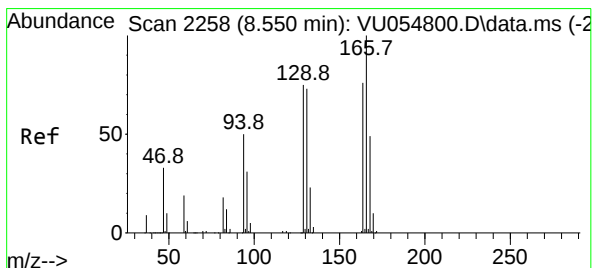
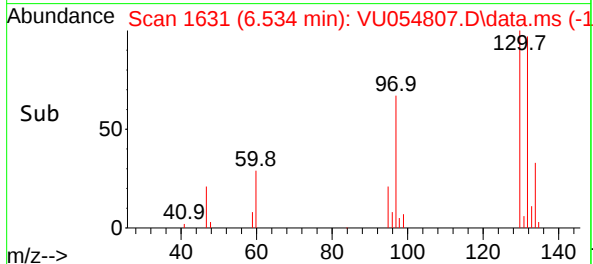
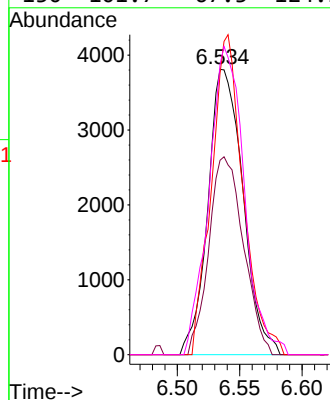
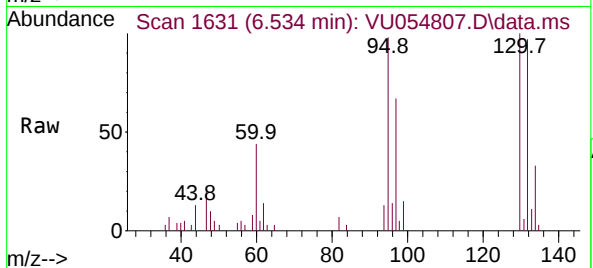


#34
Trichloroethene
Concen: 4.740 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU054807.D
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Instrument :
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ClientSampleId :
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Tgt Ion: 95 Resp: 7461

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



#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

