

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072523\
 Data File : VW031745.D
 Acq On : 25 Jul 2023 16:51
 Operator : SY/MD
 Sample : 03712-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH2W8

Quant Time: Jul 26 02:57:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 26 02:25:02 2023
 Response via : Initial Calibration

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

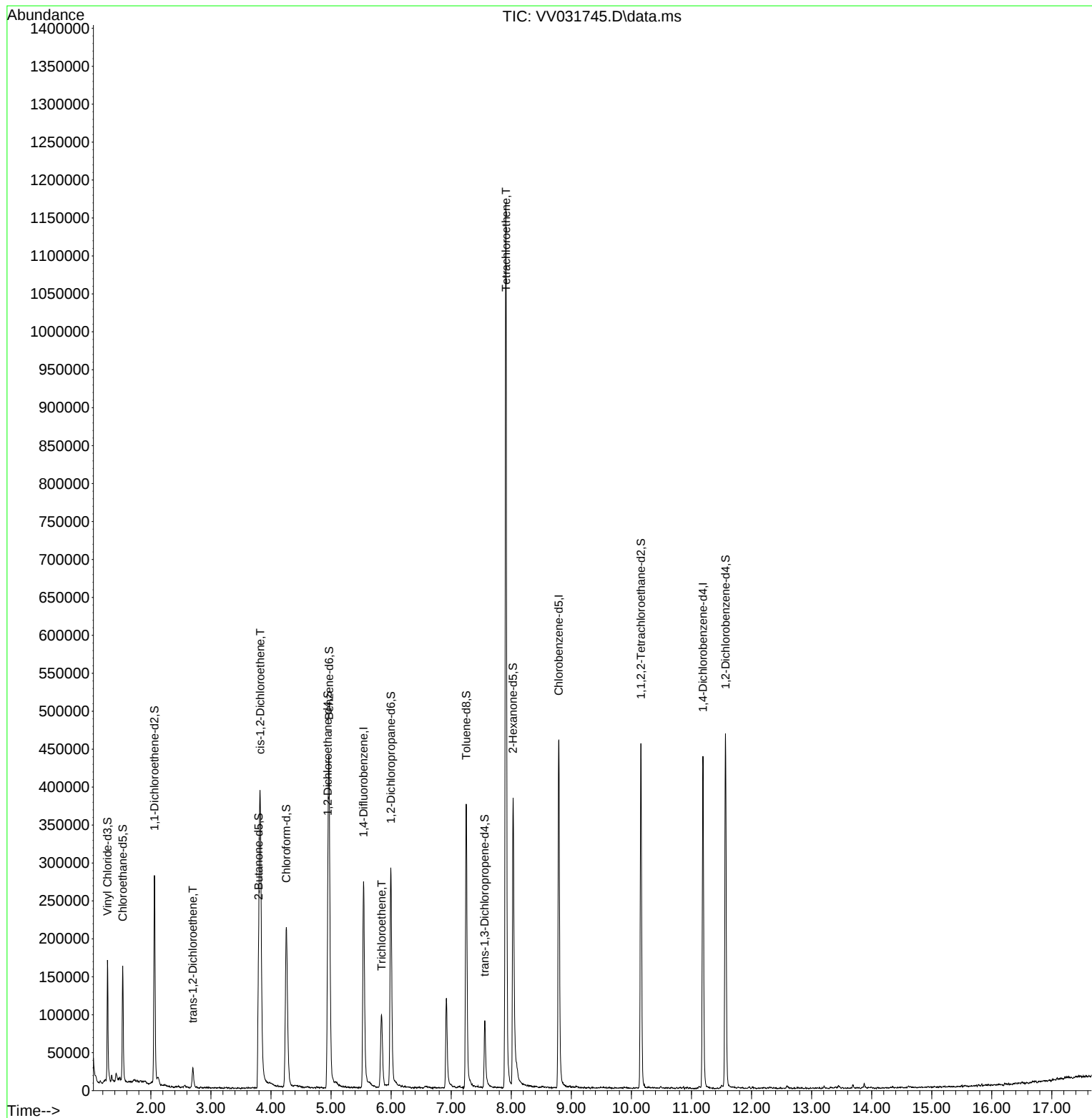
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	221587	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	244008	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	108995	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	103027	45.609	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.220%		
7) Chloroethane-d5	1.532	69	102090	49.316	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.640%		
11) 1,1-Dichloroethene-d2	2.060	65	47464	45.393	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.780%		
21) 2-Butanone-d5	3.793	46	195444	125.036	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	125.040%		
24) Chloroform-d	4.256	84	229683	49.455	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.920%		
26) 1,2-Dichloroethane-d4	4.947	65	151870	52.556	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.120%		
32) Benzene-d6	4.966	84	355693	46.034	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.060%		
36) 1,2-Dichloropropane-d6	5.995	67	143053	49.287	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.580%		
41) Toluene-d8	7.249	98	255231	39.409	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	78.820%#		
43) trans-1,3-Dichloroprop...	7.558	79	55576	44.548	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.100%		
47) 2-Hexanone-d5	8.030	63	124187	114.099	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	114.100%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	226288	56.585	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	113.180%		
66) 1,2-Dichlorobenzene-d4	11.567	152	114189	51.743	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.480%		
Target Compounds						Qvalue
17) trans-1,2-Dichloroethene	2.699	96	9680	5.096	ug/L	95
20) cis-1,2-Dichloroethene	3.822	96	183216	85.409	ug/L	96
34) Trichloroethene	5.841	95	31705	11.707	ug/L	90
46) Tetrachloroethene	7.911	164	253752	148.284	ug/L	96

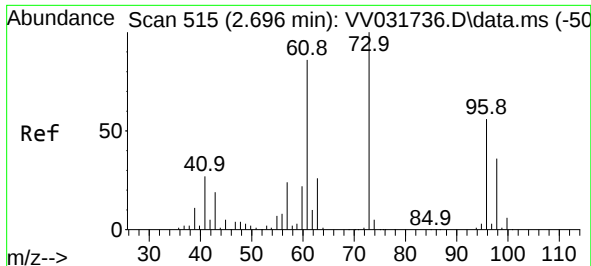
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#17

trans-1,2-Dichloroethene

Concen: 5.096 ug/L

RT: 2.699 min Scan# 515

Delta R.T. 0.003 min

Lab File: VV031745.D

Acq: 25 Jul 2023 16:51

Instrument :

MSVOA_V

ClientSampleId :

BH2W8

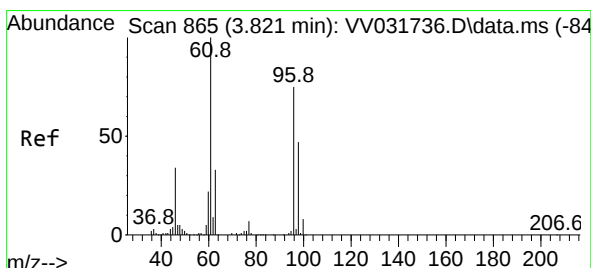
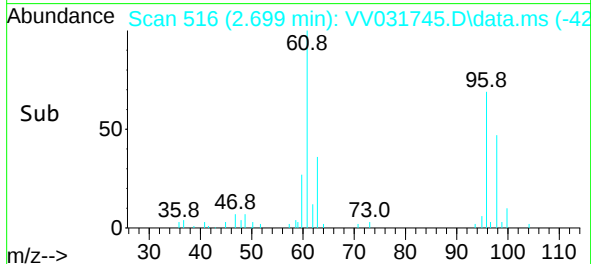
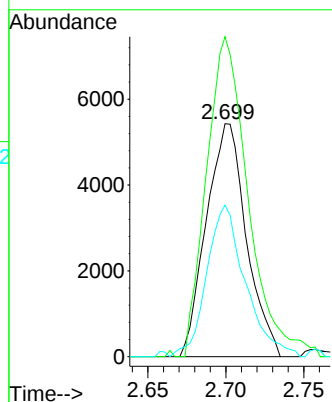
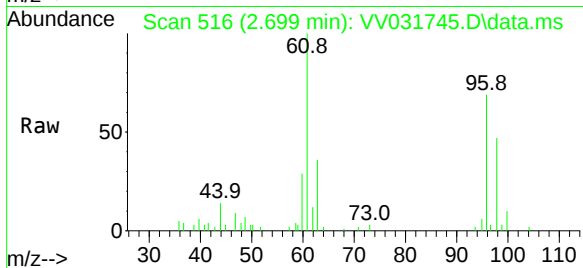
Tgt Ion: 96 Resp: 9680

Ion Ratio Lower Upper

96 100

61 137.3 101.6 188.6

98 65.0 44.7 82.9



#20

cis-1,2-Dichloroethene

Concen: 85.409 ug/L

RT: 3.822 min Scan# 865

Delta R.T. 0.001 min

Lab File: VV031745.D

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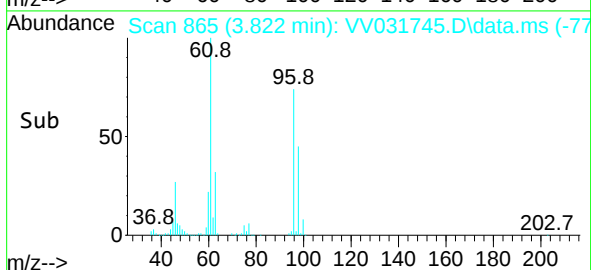
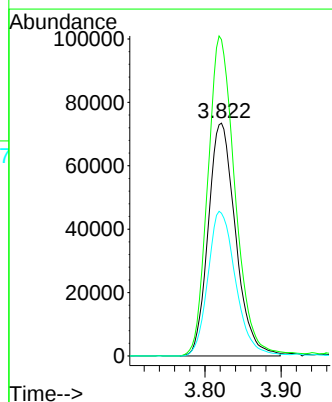
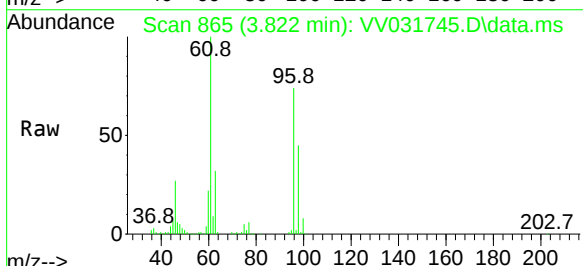
Tgt Ion: 96 Resp: 183216

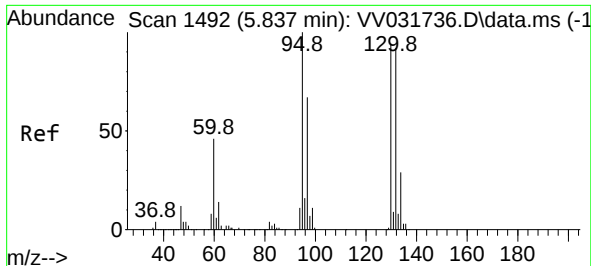
Ion Ratio Lower Upper

96 100

61 135.8 90.6 168.2

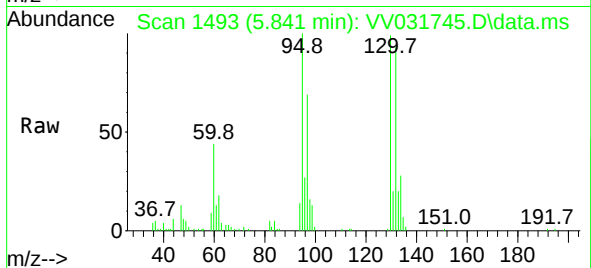
98 61.3 43.8 81.3



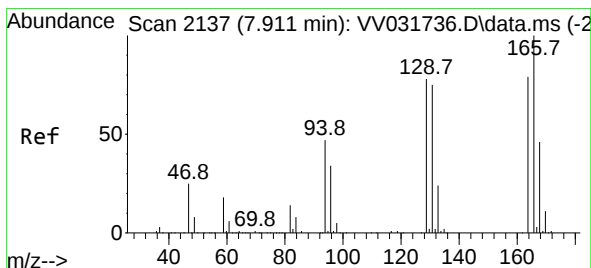
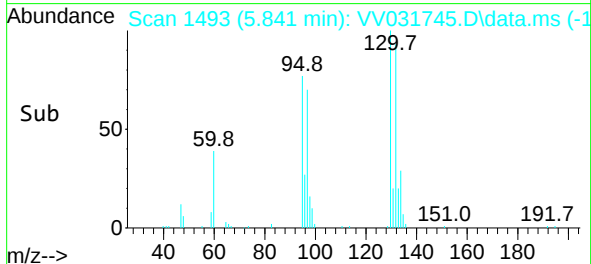
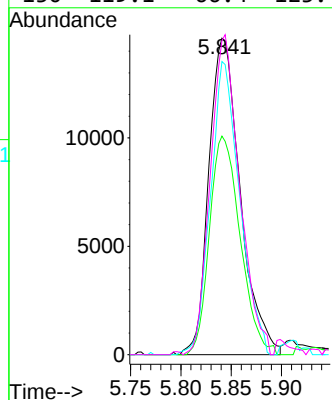


#34
Trichloroethene
Concen: 11.707 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.003 min
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Tgt Ion: 95 Resp: 31705
Ion Ratio Lower Upper
95 100
97 69.0 47.0 87.2
132 92.6 64.8 120.4
130 119.1 66.4 123.4



#46
Tetrachloroethene
Concen: 148.284 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VV031745.D
Acq: 25 Jul 2023 16:51

Tgt Ion: 164 Resp: 253752
Ion Ratio Lower Upper
164 100
129 96.8 65.2 121.0
131 94.5 67.1 124.7
166 124.2 91.4 169.8

