

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072623\
 Data File : VW031771.D
 Acq On : 26 Jul 2023 16:00
 Operator : SY/MD
 Sample : 03712-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 27 05:22:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 27 05:18:30 2023
 Response via : Initial Calibration

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

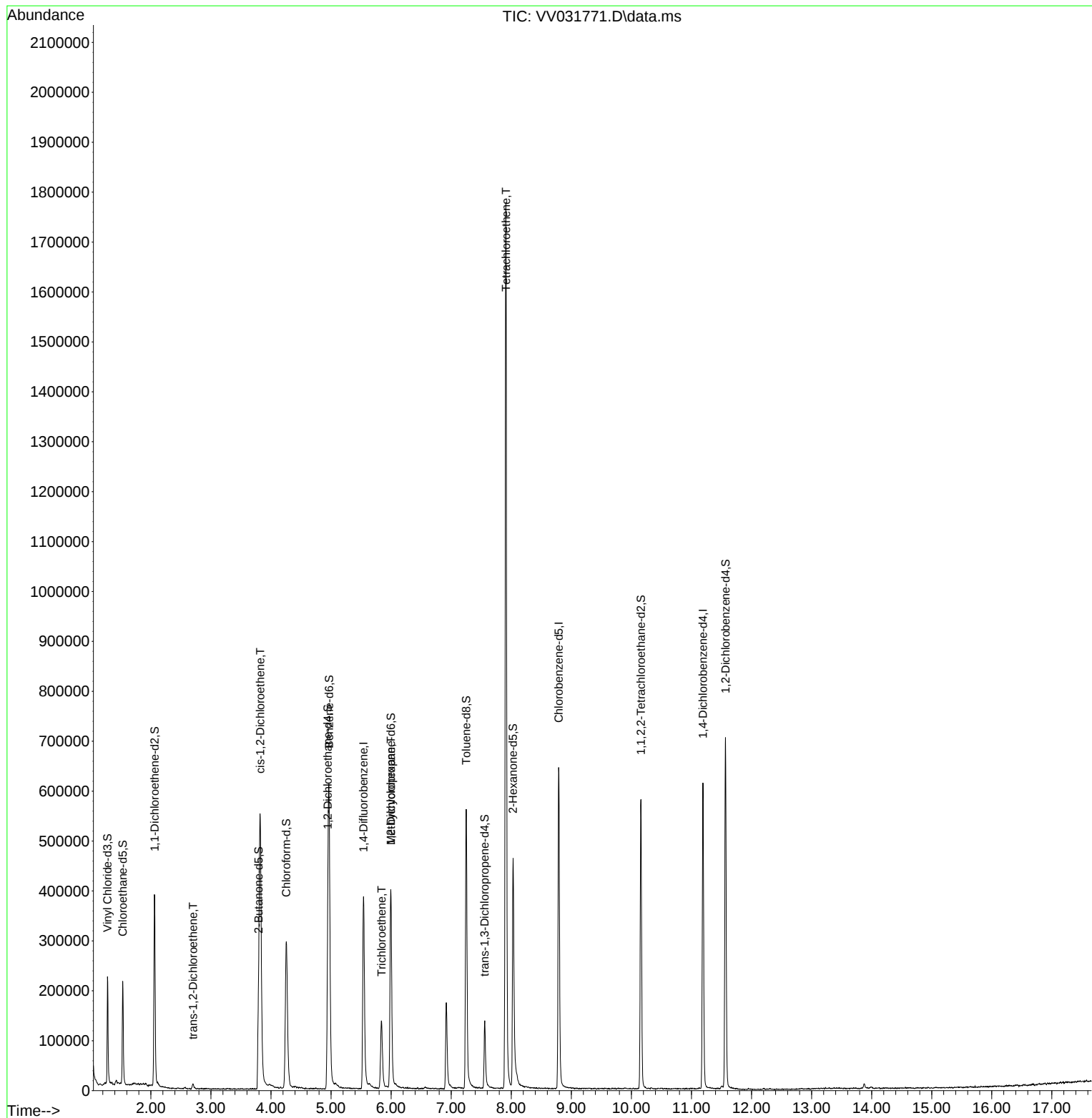
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	313864	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	344793	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	152559	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	142189	44.439	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.880%		
7) Chloroethane-d5	1.532	69	140430	47.892	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.780%		
11) 1,1-Dichloroethene-d2	2.063	65	68577	46.303	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.600%		
21) 2-Butanone-d5	3.793	46	215975	97.548	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.550%		
24) Chloroform-d	4.256	84	321738	48.909	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.820%		
26) 1,2-Dichloroethane-d4	4.947	65	207163	50.613	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.220%		
32) Benzene-d6	4.966	84	509266	46.644	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.280%		
36) 1,2-Dichloropropane-d6	5.995	67	200894	48.983	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.960%		
41) Toluene-d8	7.249	98	384616	42.027	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.060%		
43) trans-1,3-Dichloroprop...	7.558	79	77929	44.207	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.420%		
47) 2-Hexanone-d5	8.030	63	154030	100.151	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	100.150%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	290074	51.333	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	102.660%		
66) 1,2-Dichlorobenzene-d4	11.567	152	166007	53.744	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.480%		
Target Compounds						Qvalue
17) trans-1,2-Dichloroethene	2.703	96	3139	1.167	ug/L	90
20) cis-1,2-Dichloroethene	3.821	96	266814	87.811	ug/L	95
34) Trichloroethene	5.841	95	44430	11.610	ug/L	98
35) Methylcyclohexane	5.995	83	47892	11.251	ug/L #	15
46) Tetrachloroethene	7.911	164	382582	158.218	ug/L	96

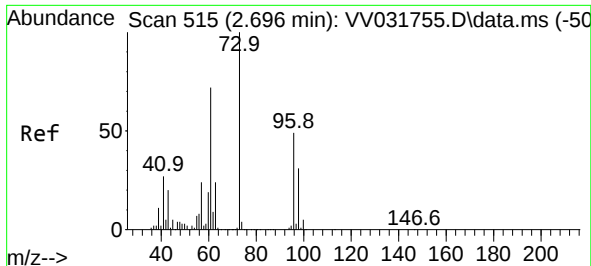
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jul 27 05:18:30 2023
Response via : Initial Calibration

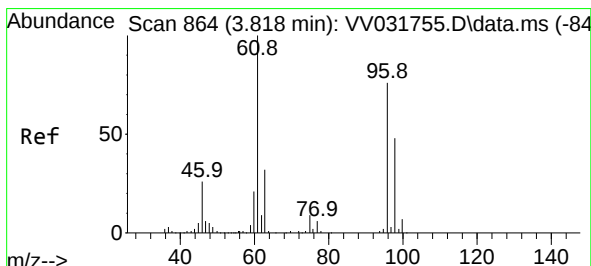
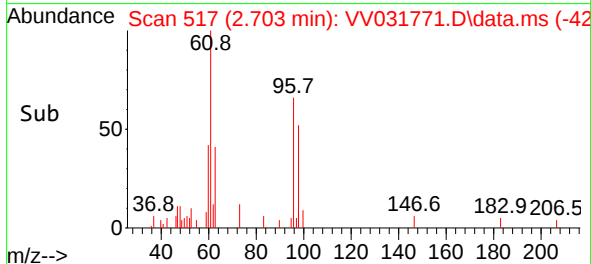
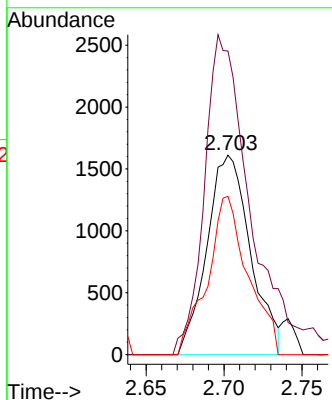
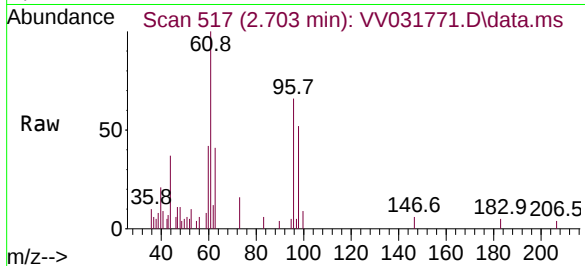




#17
trans-1,2-Dichloroethene
Concen: 1.167 ug/L
RT: 2.703 min Scan# 516
Delta R.T. 0.006 min
Lab File: VV031771.D
Acq: 26 Jul 2023 16:00

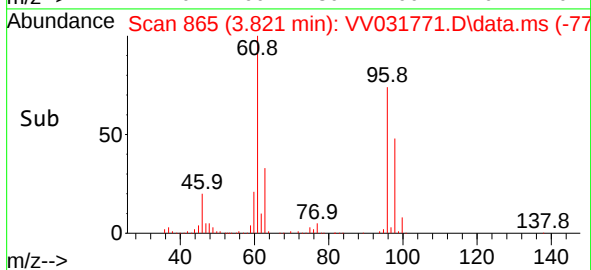
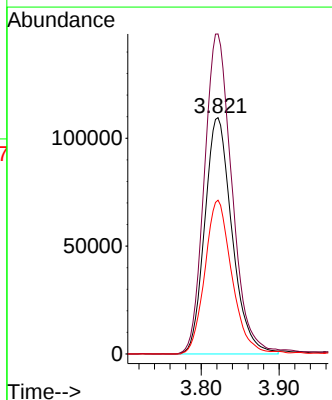
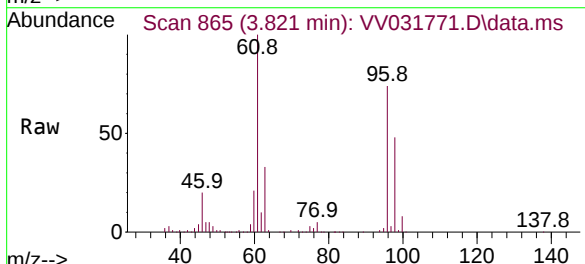
Instrument :
MSVOA_V
ClientSampleId :

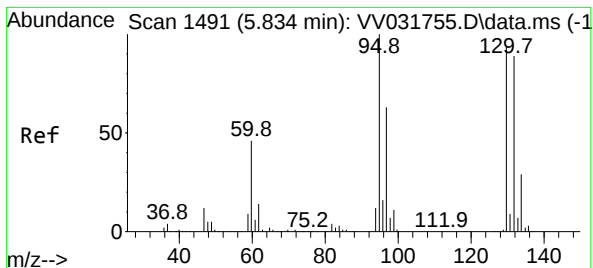
Tgt Ion: 96 Resp: 3139
Ion Ratio Lower Upper
96 100
61 152.2 101.6 188.6
98 79.4 44.7 82.9



#20
cis-1,2-Dichloroethene
Concen: 87.811 ug/L
RT: 3.821 min Scan# 865
Delta R.T. 0.003 min
Lab File: VV031771.D
Acq: 26 Jul 2023 16:00

Tgt Ion: 96 Resp: 266814
Ion Ratio Lower Upper
96 100
61 135.4 90.6 168.2
98 65.1 43.8 81.3





#34

Trichloroethene

Concen: 11.610 ug/L

RT: 5.841 min Scan# 1491

Delta R.T. 0.006 min

Lab File: VV031771.D

Acq: 26 Jul 2023 16:00

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 44430

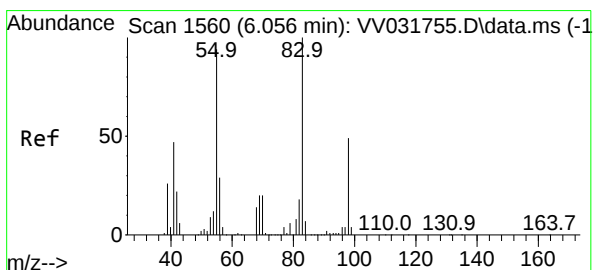
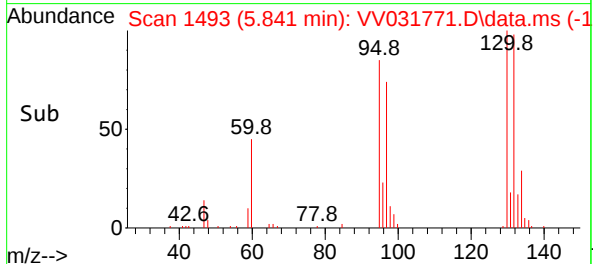
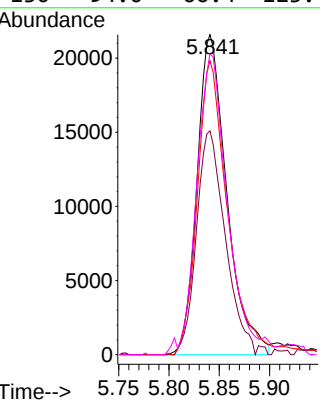
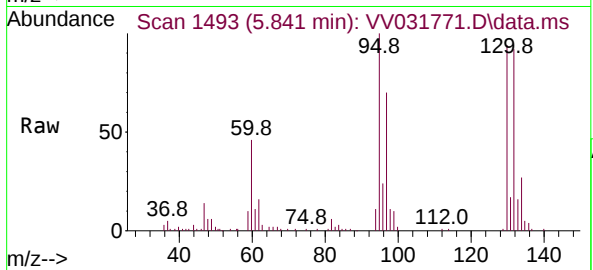
Ion Ratio Lower Upper

95 100

97 70.0 47.0 87.2

132 91.9 64.8 120.4

130 94.0 66.4 123.4



#35

Methylcyclohexane

Concen: 11.251 ug/L

RT: 5.995 min Scan# 1541

Delta R.T. -0.061 min

Lab File: VV031771.D

Acq: 26 Jul 2023 16:00

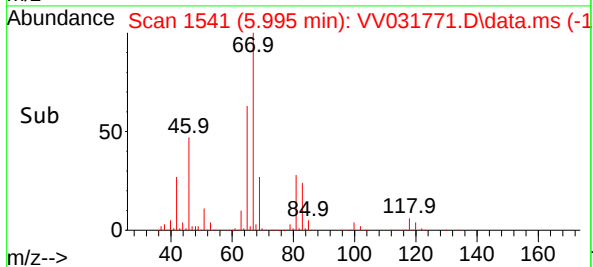
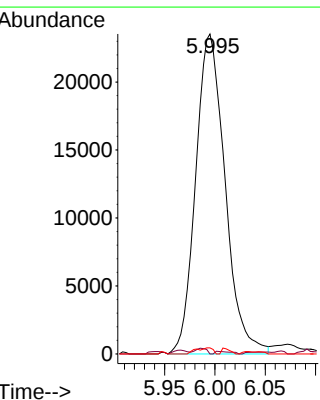
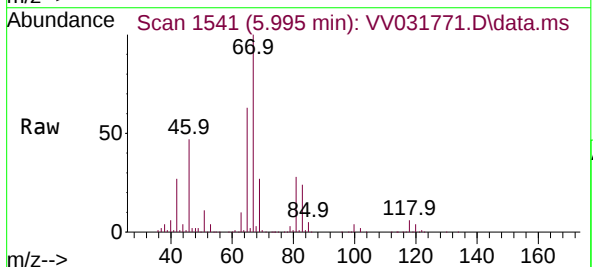
Tgt Ion: 83 Resp: 47892

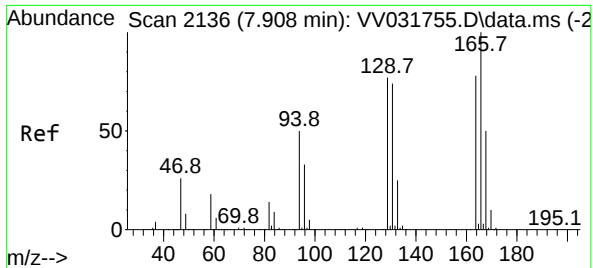
Ion Ratio Lower Upper

83 100

55 0.0 69.4 104.2#

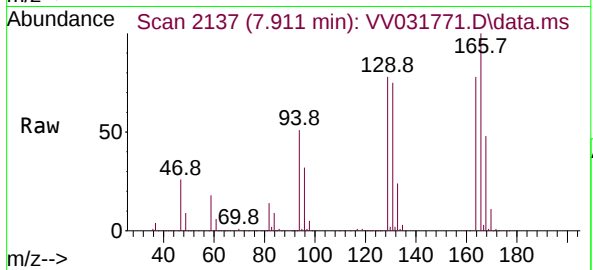
98 0.6 38.2 57.2#





#46
Tetrachloroethene
Concen: 158.218 ug/L
RT: 7.911 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV031771.D
Acq: 26 Jul 2023 16:00

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:164 Resp: 382582

Ion	Ratio	Lower	Upper
164	100		
129	99.5	65.2	121.0
131	97.8	67.1	124.7
166	127.7	91.4	169.8

