

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042023\
 Data File : VW030709.D
 Acq On : 20 Apr 2023 12:12
 Operator : SY/MD
 Sample : 02411-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COAR0

Quant Time: Apr 21 00:16:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 21 00:14:50 2023
 Response via : Initial Calibration

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

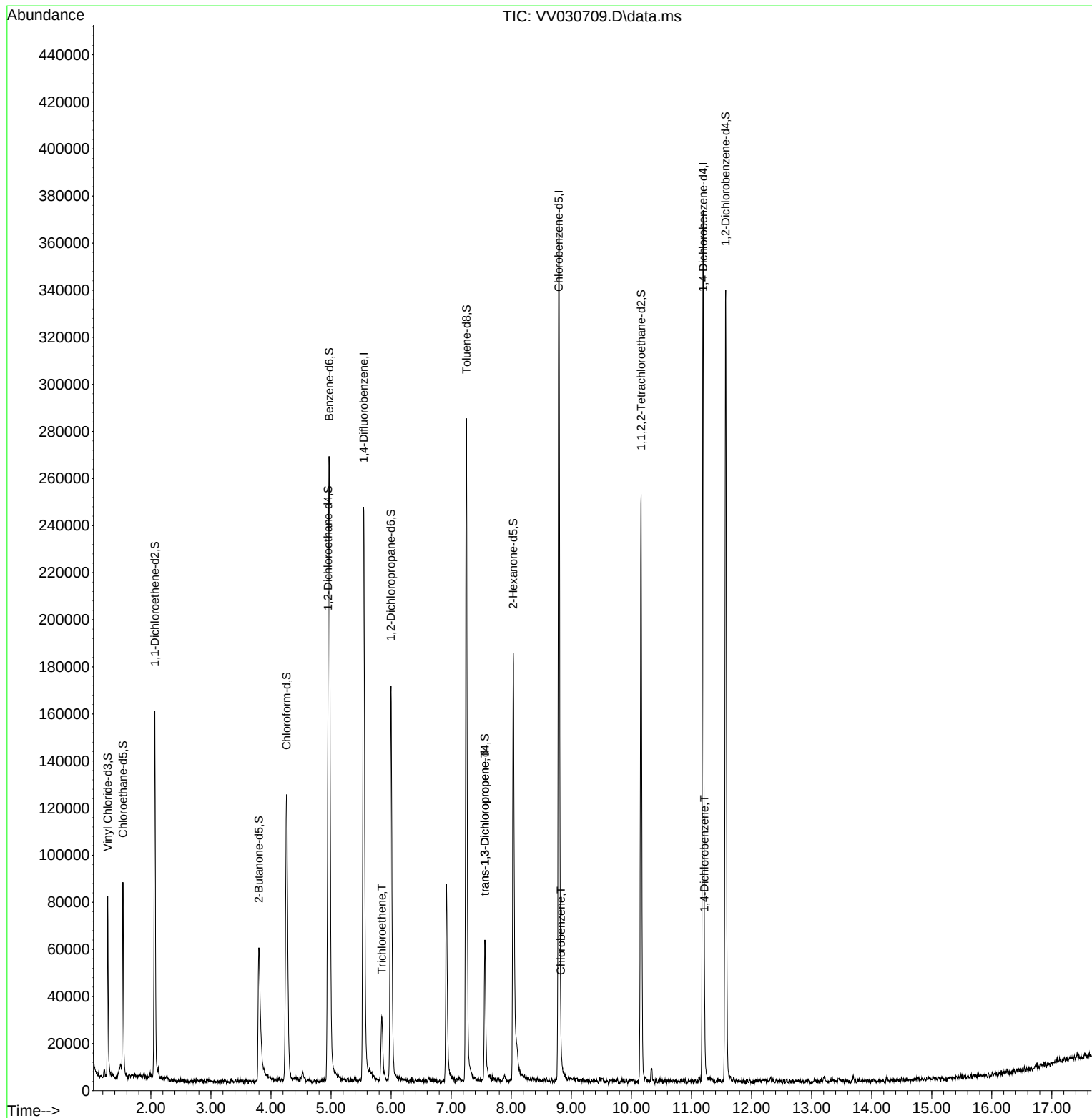
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	207242	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	200720	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	97491	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	47992	31.589	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	63.180%		
7) Chloroethane-d5	1.535	69	48095	37.777	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	75.560%		
11) 1,1-Dichloroethene-d2	2.066	65	26097	36.222	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.440%		
21) 2-Butanone-d5	3.799	46	97322	116.629	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	116.630%		
24) Chloroform-d	4.259	84	125226	45.483	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.960%		
26) 1,2-Dichloroethane-d4	4.950	65	89358	50.482	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.960%		
32) Benzene-d6	4.969	84	214600	45.221	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.440%		
36) 1,2-Dichloropropane-d6	5.998	67	73046	49.553	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.100%		
41) Toluene-d8	7.252	98	184413	41.389	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.780%		
43) trans-1,3-Dichloroprop...	7.561	79	33244	44.744	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.480%		
47) 2-Hexanone-d5	8.033	63	60824	104.741	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	104.740%		
56) 1,1,2,2-Tetrachloroeth...	10.162	84	110694	51.750	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	103.500%		
66) 1,2-Dichlorobenzene-d4	11.570	152	85527	55.194	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	110.380%		
Target Compounds						Qvalue
34) Trichloroethene	5.847	95	8953	5.647	ug/L	92
44) trans-1,3-Dichloropropene	7.561	75	1825	0.754	ug/L	96
51) Chlorobenzene	8.824	112	2322	0.537	ug/L	87
65) 1,4-Dichlorobenzene	11.217	146	2305	0.718	ug/L	93

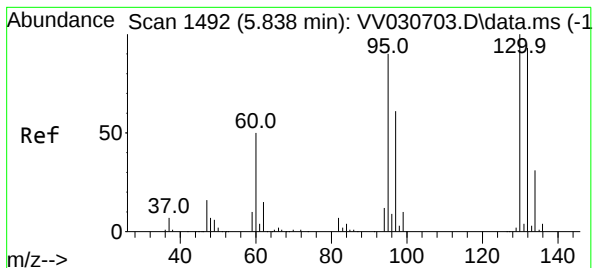
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#34

Trichloroethene

Concen: 5.647 ug/L

RT: 5.847 min Scan# 14

Delta R.T. 0.009 min

Lab File: VV030709.D

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Instrument :

MSVOA_V

ClientSampleId :

C0AR0

Tgt Ion: 95 Resp: 8953

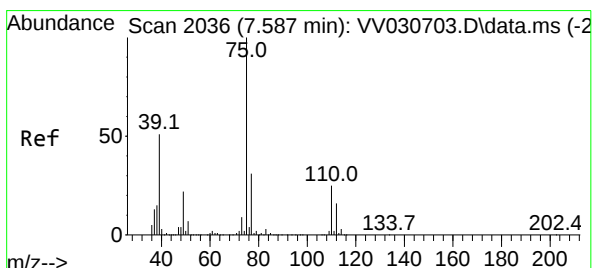
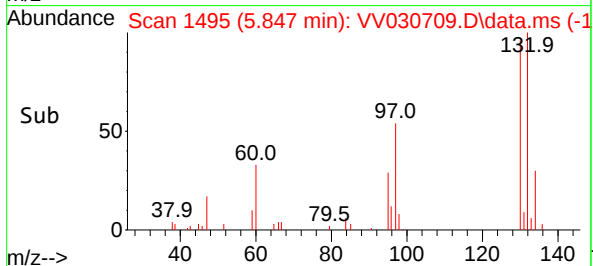
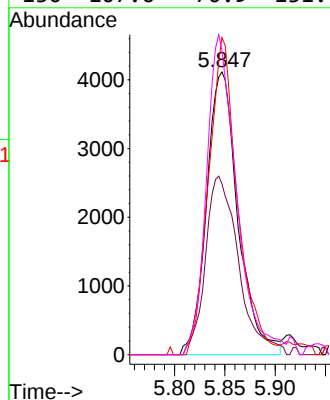
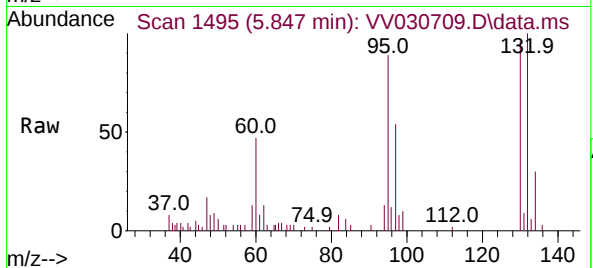
Ion Ratio Lower Upper

95 100

97 60.4 45.8 85.2

132 112.1 70.6 131.2

130 107.6 70.9 131.7



#44

trans-1,3-Dichloropropene

Concen: 0.754 ug/L

RT: 7.561 min Scan# 2028

Delta R.T. -0.026 min

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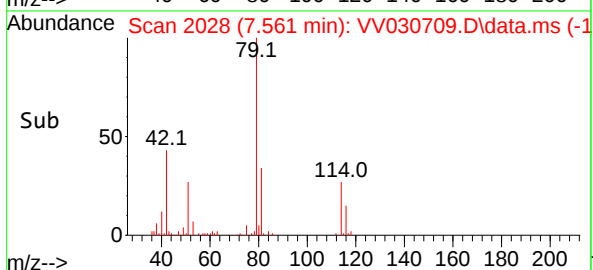
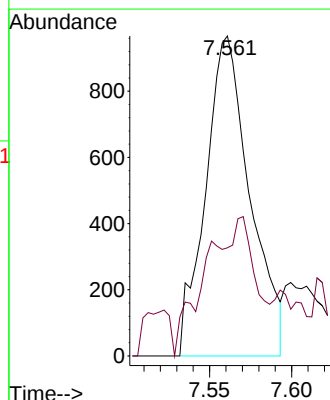
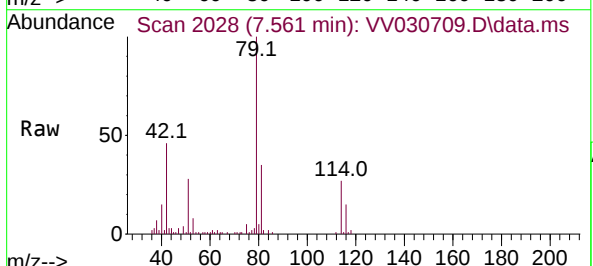
Acq: 20 Apr 2023 12:12

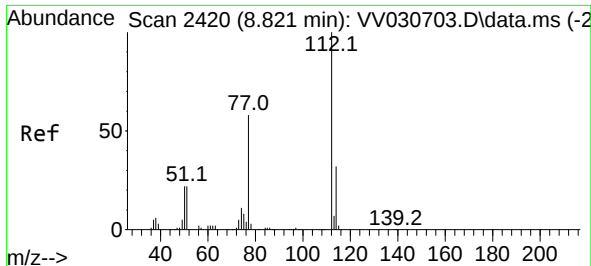
Tgt Ion: 75 Resp: 1825

Ion Ratio Lower Upper

75 100

77 33.8 22.1 41.1

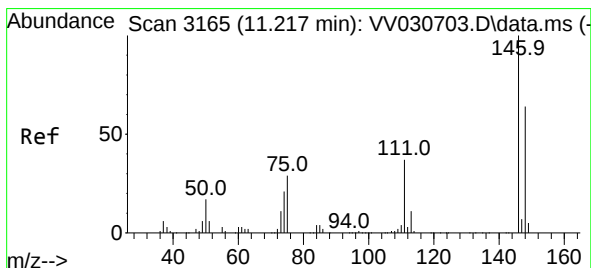
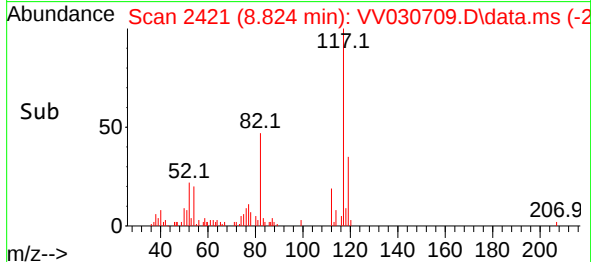
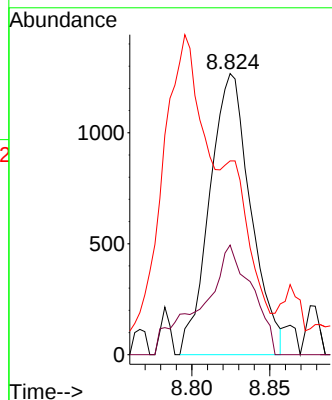
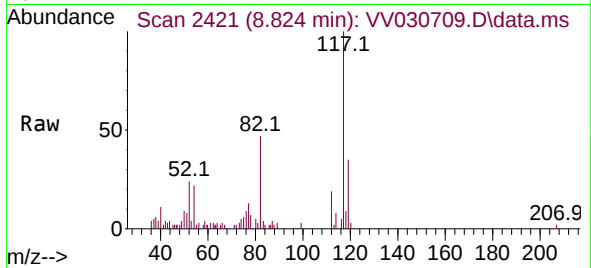




#51
Chlorobenzene
Concen: 0.537 ug/L
RT: 8.824 min Scan# 2420
Delta R.T. 0.003 min
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Tgt Ion:112 Resp: 2322
Ion Ratio Lower Upper
112 100
114 39.0 22.4 41.6
77 68.9 47.4 71.0



#65
1,4-Dichlorobenzene
Concen: 0.718 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030709.D
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Tgt Ion:146 Resp: 2305
Ion Ratio Lower Upper
146 100
111 40.3 26.5 49.1
148 71.2 44.7 83.1

