

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042023\
 Data File : VW030707.D
 Acq On : 20 Apr 2023 11:24
 Operator : SY/MD
 Sample : 02411-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AQ8

Quant Time: Apr 21 00:16:27 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)

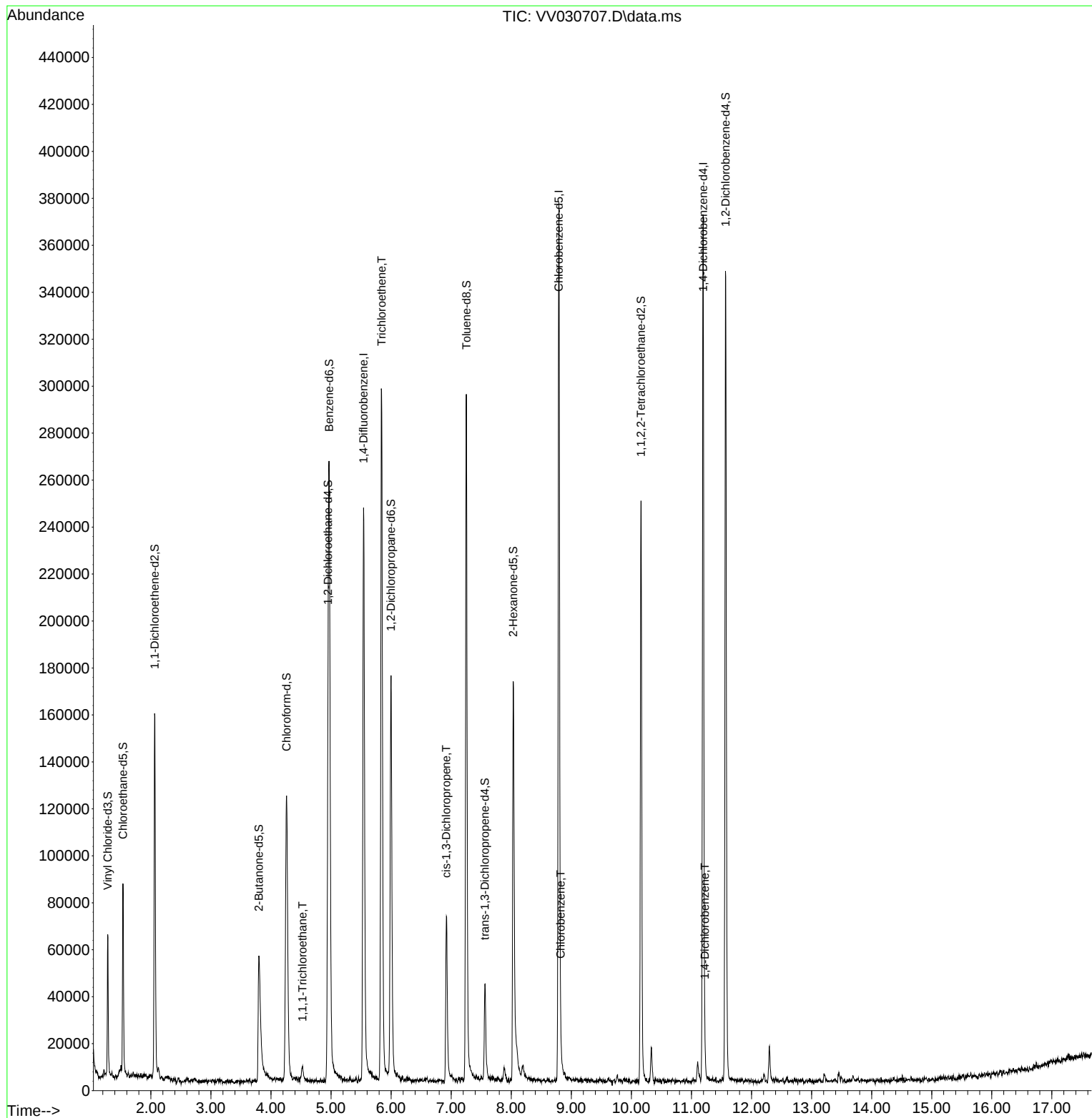
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	203306	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	200332	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	98278	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	39872	26.753	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	53.500%#
7) Chloroethane-d5	1.535	69	48173	38.571	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.140%
11) 1,1-Dichloroethene-d2	2.063	65	26537	37.546	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.100%
21) 2-Butanone-d5	3.799	46	95182	116.273	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.270%
24) Chloroform-d	4.259	84	128780	47.680	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.360%
26) 1,2-Dichloroethane-d4	4.950	65	89555	51.573	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.140%
32) Benzene-d6	4.969	84	217760	45.976	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.960%
36) 1,2-Dichloropropane-d6	5.998	67	72964	49.593	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.180%
41) Toluene-d8	7.252	98	186824	42.011	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.020%
43) trans-1,3-Dichloroprop...	7.561	79	24136	32.548	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.100%
47) 2-Hexanone-d5	8.034	63	59139	102.037	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.040%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	108731	50.931	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.860%
66) 1,2-Dichlorobenzene-d4	11.567	152	85752	54.896	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.800%
Target Compounds						
					Qvalue	
30) 1,1,1-Trichloroethane	4.526	97	4034	1.433	ug/L #	78
34) Trichloroethene	5.841	95	97998	61.931	ug/L	99
39) cis-1,3-Dichloropropene	6.918	75	2514	1.023	ug/L	89
51) Chlorobenzene	8.821	112	2549	0.591	ug/L	89
65) 1,4-Dichlorobenzene	11.223	146	2513	0.777	ug/L	95

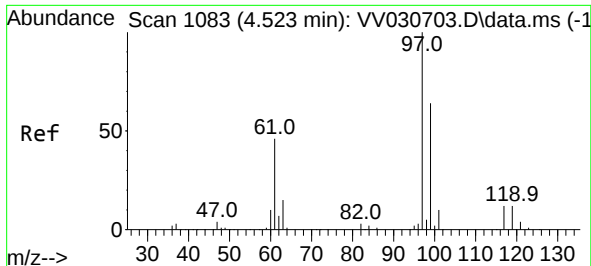
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Apr 21 00:14:50 2023
Response via : Initial Calibration





#30

1,1,1-Trichloroethane

Concen: 1.433 ug/L

RT: 4.526 min Scan# 1083

Delta R.T. 0.003 min

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MSVOA_V

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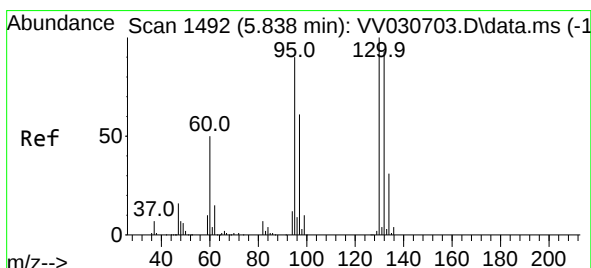
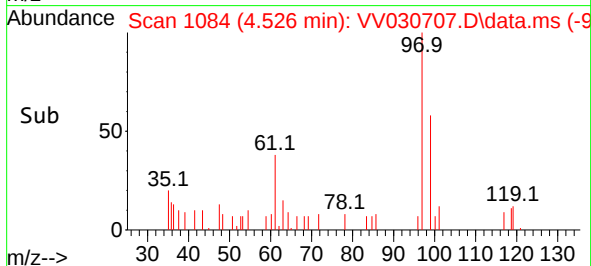
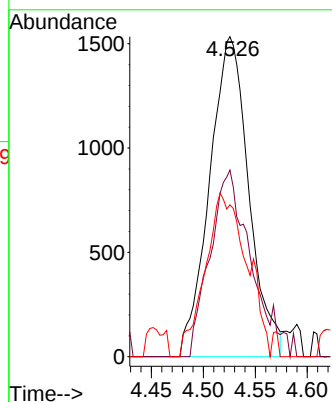
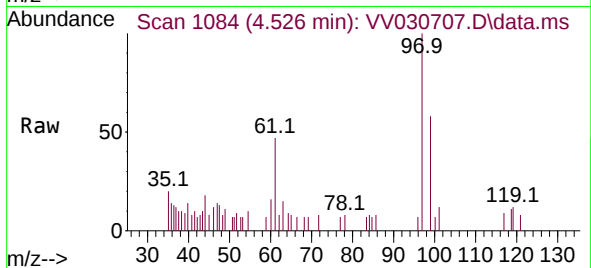
Tgt Ion: 97 Resp: 4034

Ion Ratio Lower Upper

97 100

99 57.1 51.4 77.0

61 20.0 37.0 55.6#



#34

Trichloroethene

Concen: 61.931 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.003 min

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Acq: 20 Apr 2023 11:24

Tgt Ion: 95 Resp: 97998

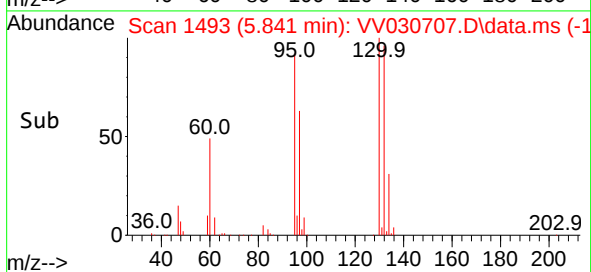
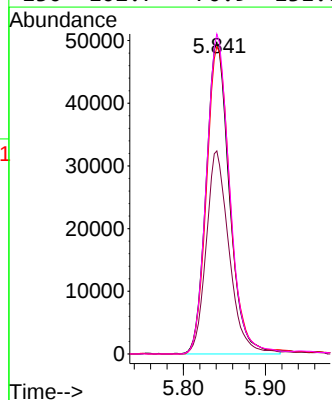
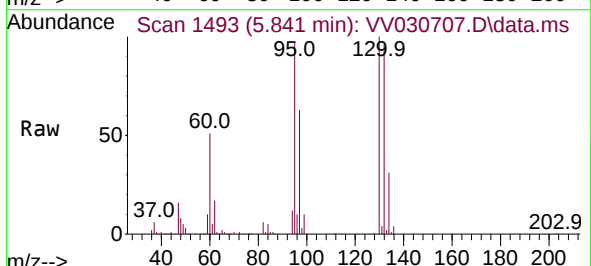
Ion Ratio Lower Upper

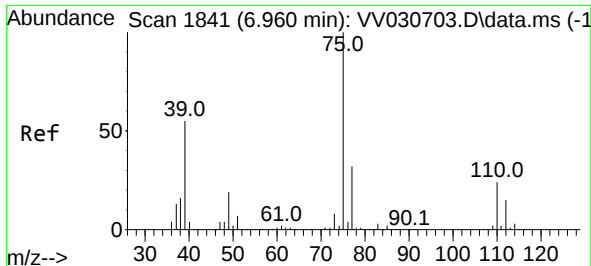
95 100

97 65.2 45.8 85.2

132 98.7 70.6 131.2

130 102.7 70.9 131.7





#39

cis-1,3-Dichloropropene

Concen: 1.023 ug/L

RT: 6.918 min Scan# 11

Delta R.T. -0.042 min

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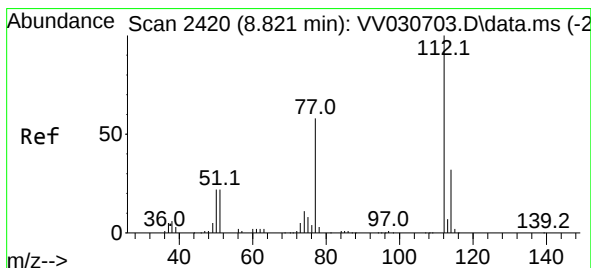
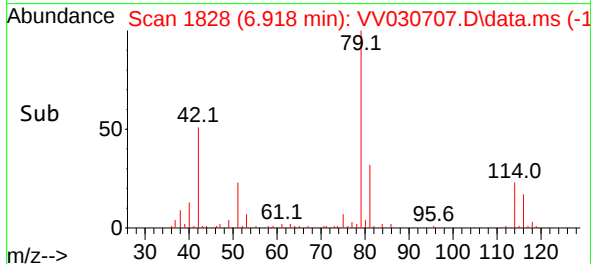
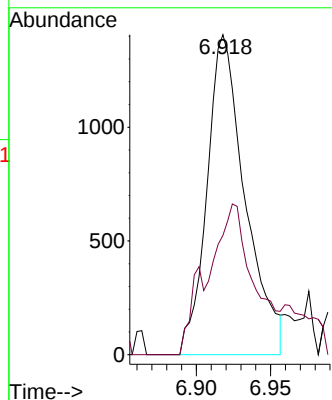
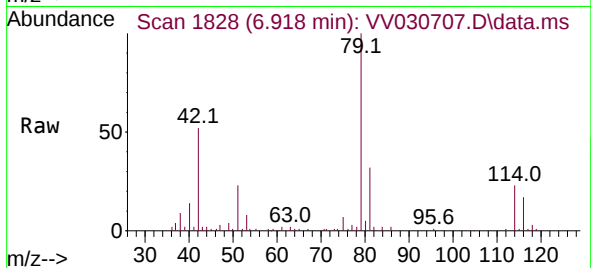
C0AQ8

Tgt Ion: 75 Resp: 2514

Ion Ratio Lower Upper

75 100

77 37.3 22.0 40.8



#51

Chlorobenzene

Concen: 0.591 ug/L

RT: 8.821 min Scan# 2420

Delta R.T. -0.000 min

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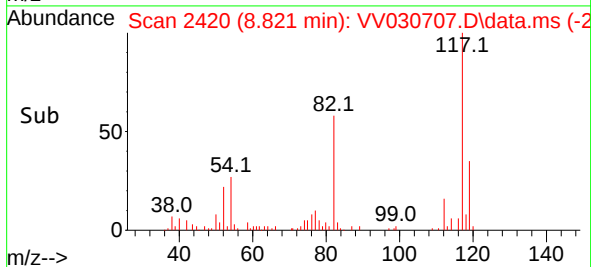
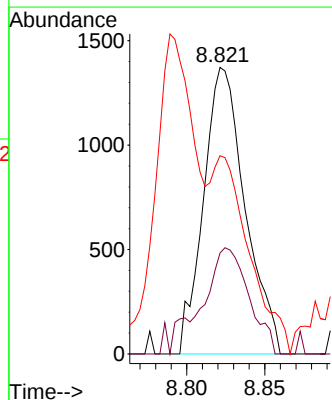
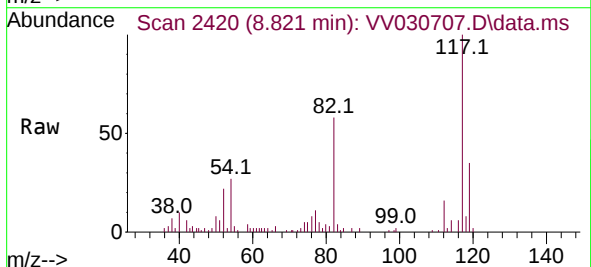
Tgt Ion: 112 Resp: 2549

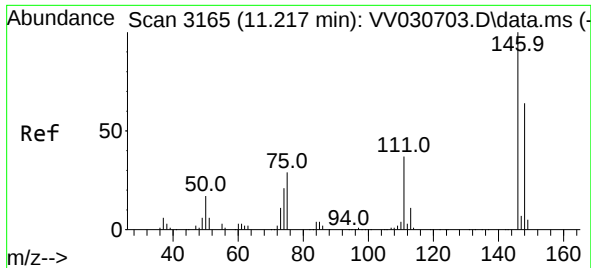
Ion Ratio Lower Upper

112 100

114 35.2 22.4 41.6

77 69.2 47.4 71.0





#65

1,4-Dichlorobenzene

Concen: 0.777 ug/L

RT: 11.223 min Scan# 3167

Delta R.T. 0.006 min

Lab File: VV030707.D

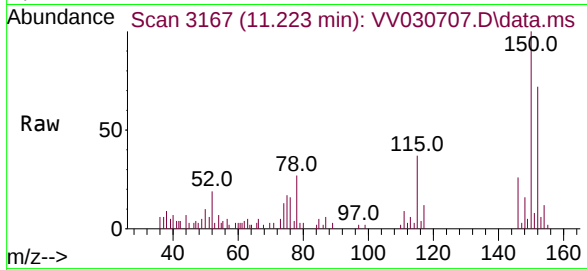
Acq: 20 Apr 2023 11:24

Instrument :

MSVOA_V

ClientSampleId :

C0AQ8



Tgt Ion:146 Resp: 2513

Ion Ratio Lower Upper

146 100

111 36.3 26.5 49.1

148 59.2 44.7 83.1

