

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042023\
 Data File : VW030706.D
 Acq On : 20 Apr 2023 11:00
 Operator : SY/MD
 Sample : 02411-04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AQ7

Quant Time: Apr 21 00:16:13 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

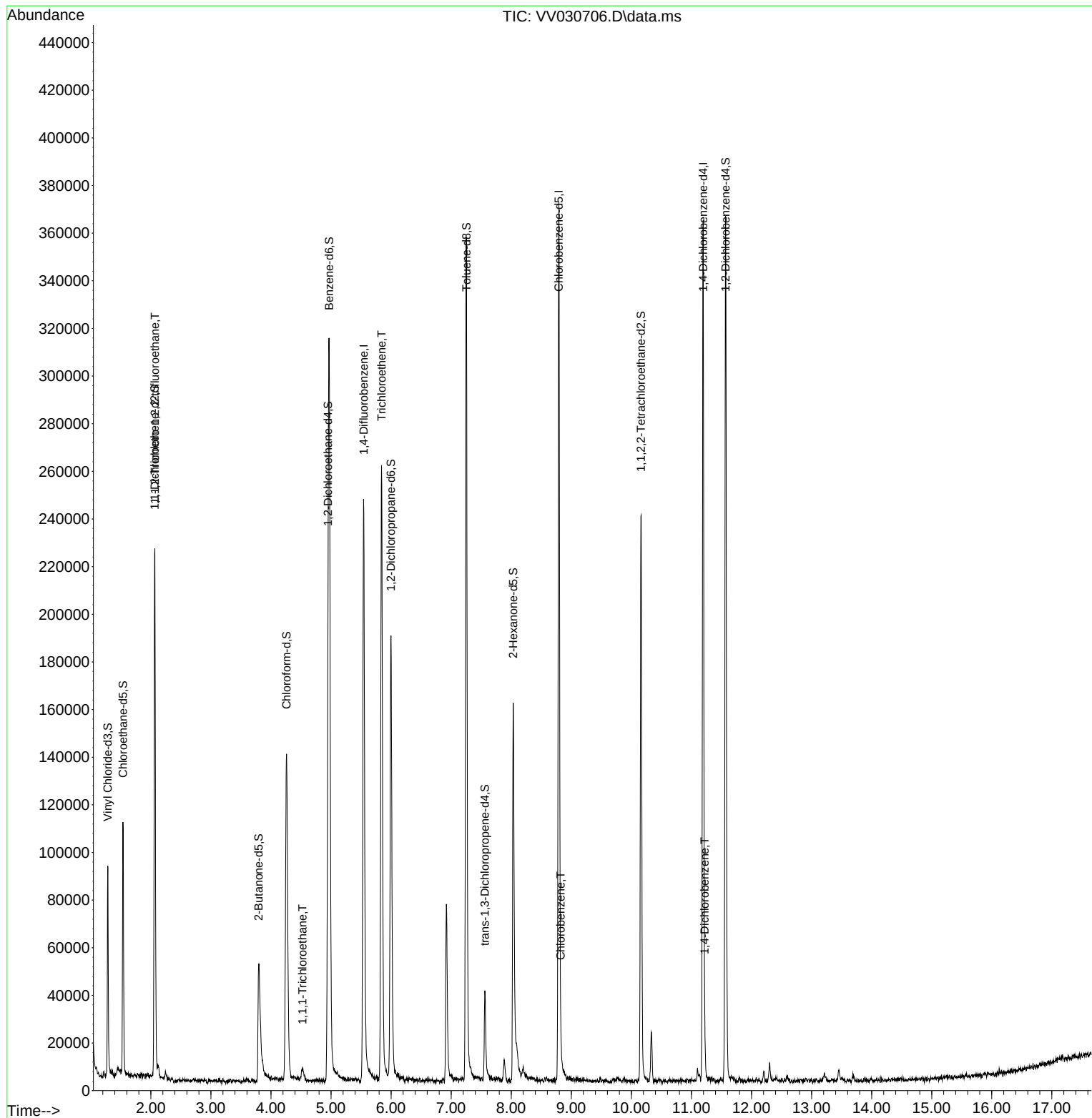
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	203747	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	197632	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	96065	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	57936	38.789	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.580%
7) Chloroethane-d5	1.536	69	65006	51.936	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.880%
11) 1,1-Dichloroethene-d2	2.063	65	37825	53.401	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.800%
21) 2-Butanone-d5	3.796	46	83683	102.004	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.000%
24) Chloroform-d	4.259	84	142534	52.658	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.320%
26) 1,2-Dichloroethane-d4	4.950	65	99035	56.908	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.820%
32) Benzene-d6	4.970	84	263387	56.369	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.740%
36) 1,2-Dichloropropane-d6	5.998	67	80680	55.587	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.180%
41) Toluene-d8	7.252	98	232301	52.951	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.900%
43) trans-1,3-Dichloroprop...	7.561	79	21816	29.822	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.640%#
47) 2-Hexanone-d5	8.034	63	53326	93.264	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.260%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	106624	50.626	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.260%
66) 1,2-Dichlorobenzene-d4	11.571	152	93117	60.984	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	121.960%#
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	1574	0.997	ug/L #	30
30) 1,1,1-Trichloroethane	4.523	97	3148	1.134	ug/L #	87
34) Trichloroethene	5.841	95	85688	54.892	ug/L	97
51) Chlorobenzene	8.821	112	2687	0.631	ug/L #	81
65) 1,4-Dichlorobenzene	11.220	146	2741	0.867	ug/L	95

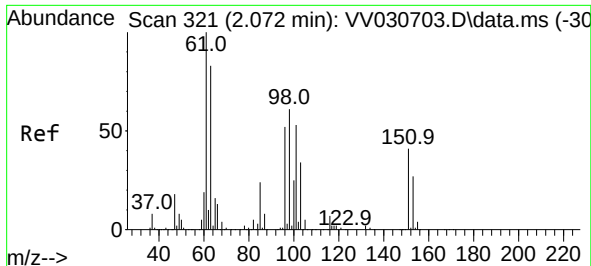
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.997 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.006 min

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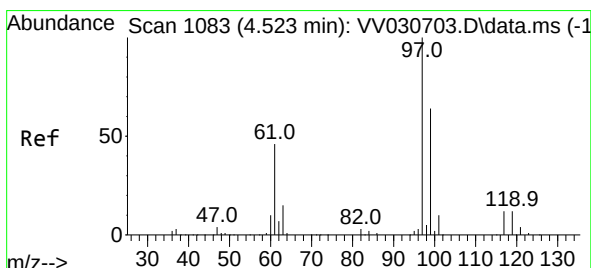
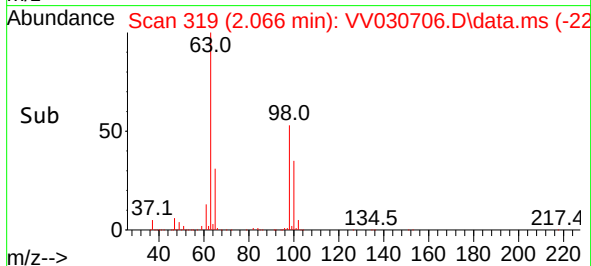
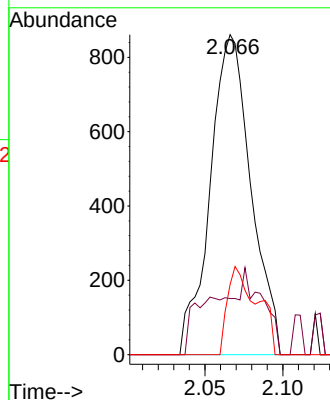
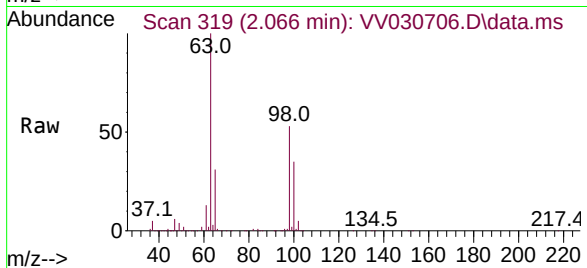
Tgt Ion:101 Resp: 1574

Ion Ratio Lower Upper

101 100

85 4.7 37.5 56.3#

151 14.8 63.5 95.3#



#30

1,1,1-Trichloroethane

Concen: 1.134 ug/L

RT: 4.523 min Scan# 1083

Delta R.T. 0.000 min

Lab File: VV030706.D

Acq: 20 Apr 2023 11:00

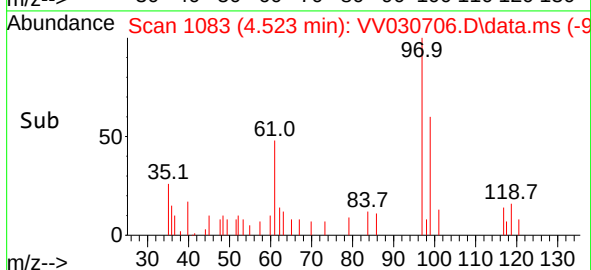
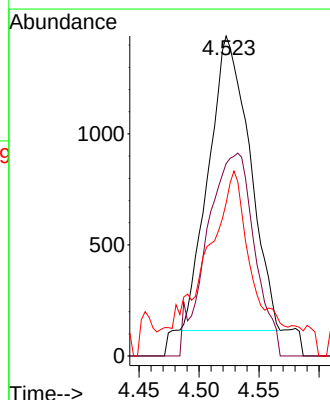
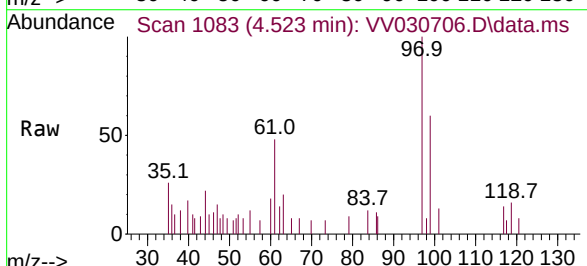
Tgt Ion: 97 Resp: 3148

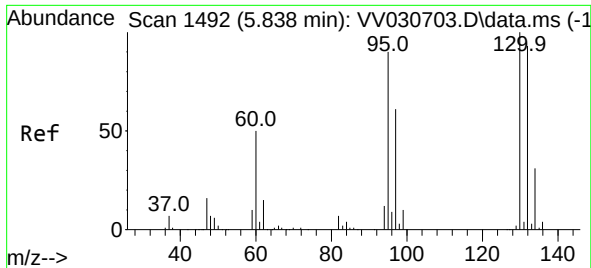
Ion Ratio Lower Upper

97 100

99 77.4 51.4 77.0#

61 41.1 37.0 55.6





#34

Trichloroethene

Concen: 54.892 ug/L

RT: 5.841 min Scan# 1492

Delta R.T. 0.003 min

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Tgt Ion: 95 Resp: 85688

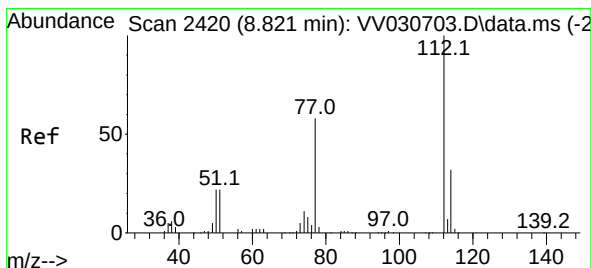
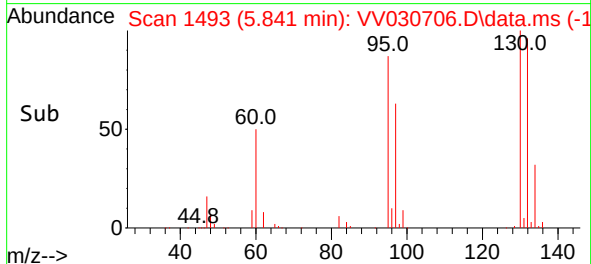
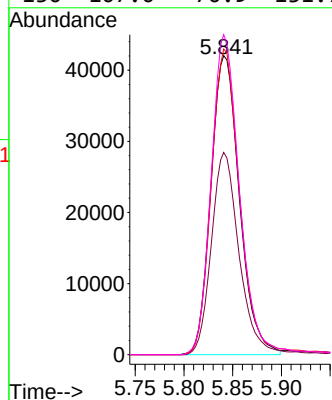
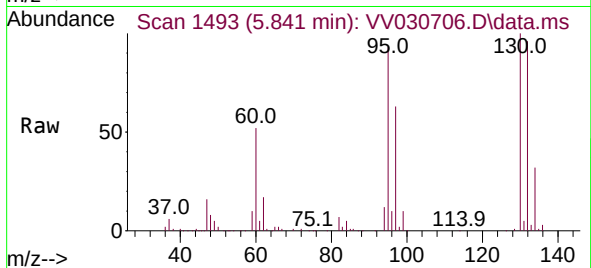
Ion Ratio Lower Upper

95 100

97 67.6 45.8 85.2

132 102.2 70.6 131.2

130 107.0 70.9 131.7



#51

Chlorobenzene

Concen: 0.631 ug/L

RT: 8.821 min Scan# 2420

Delta R.T. 0.000 min

Lab File: VV030706.D

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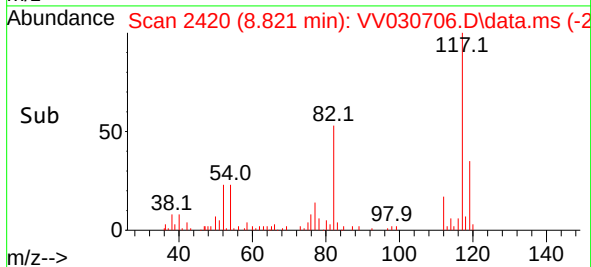
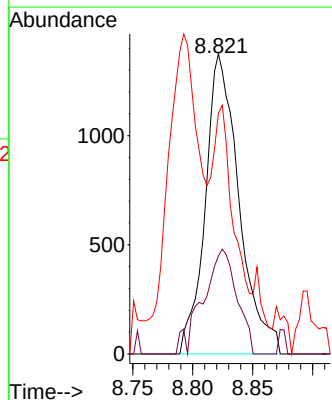
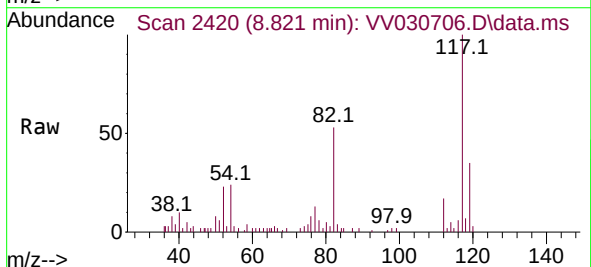
Tgt Ion: 112 Resp: 2687

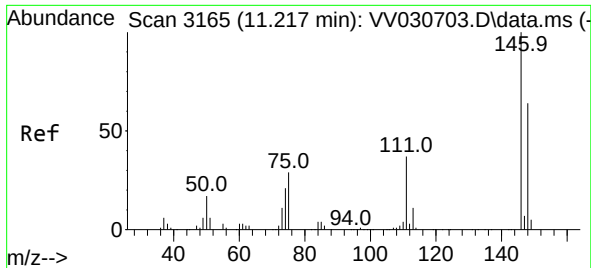
Ion Ratio Lower Upper

112 100

114 32.7 22.4 41.6

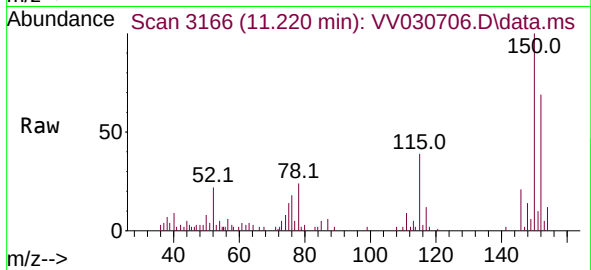
77 80.2 47.4 71.0#





#65
 1,4-Dichlorobenzene
 Concen: 0.867 ug/L
 RT: 11.220 min Scan# 3166
 Delta R.T. 0.003 min
 Lab File: VV030706.D
 Acq: 20 Apr 2023 11:00

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AQ7



Tgt Ion:	146	Resp:	2741
Ion	Ratio	Lower	Upper
146	100		
111	43.7	26.5	49.1
148	65.6	44.7	83.1

