

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092921\
 Data File : VV022405.D
 Acq On : 30 Sep 2021 02:32
 Operator : SY/MD
 Sample : M3979-11
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A06

Quant Time: Sep 30 07:09:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 30 06:55:59 2021
 Response via : Initial Calibration

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

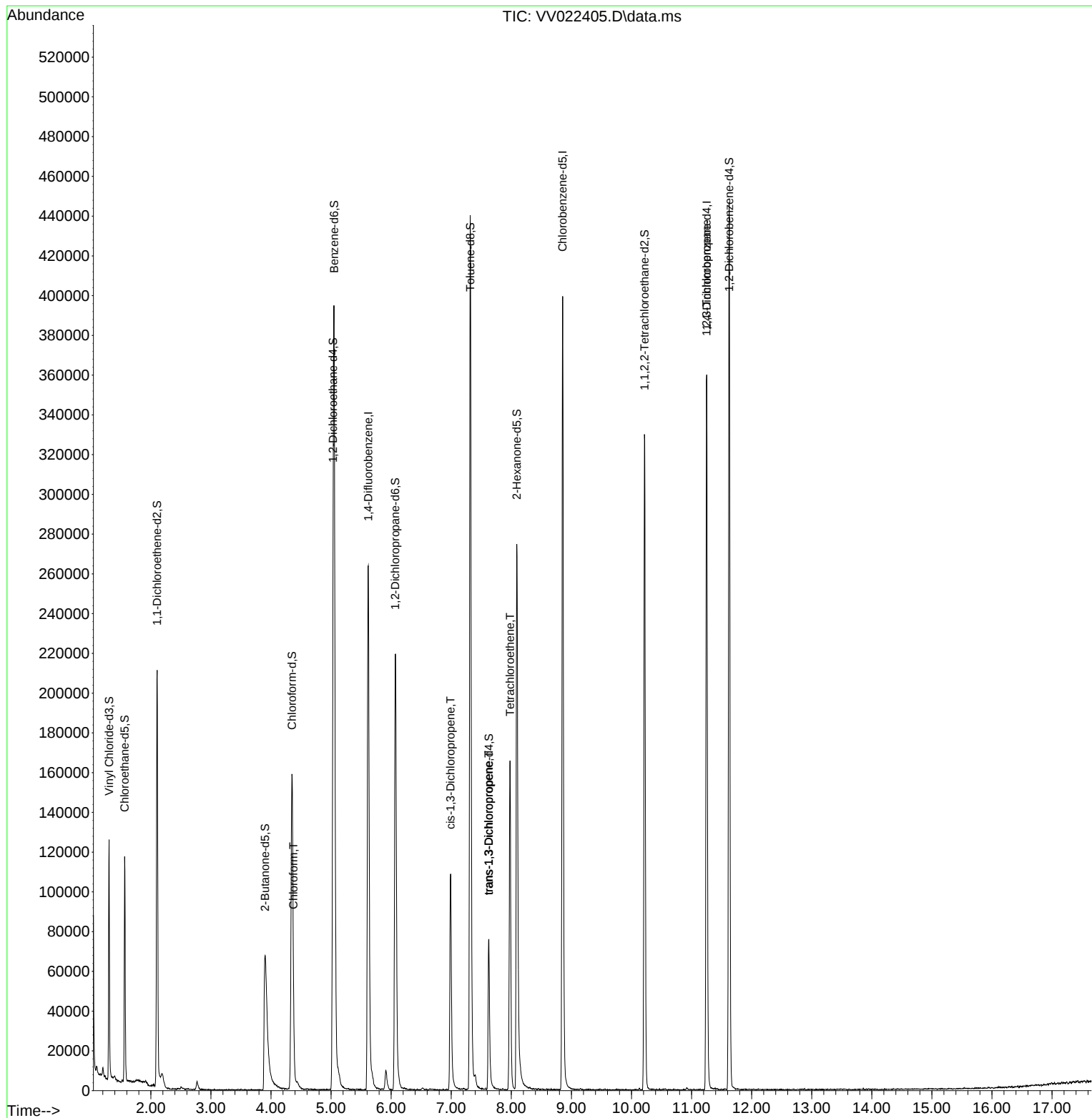
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	242542	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	229183	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	98039	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	73065	35.497	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.000%
7) Chloroethane-d5	1.564	69	67930	41.725	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.460%
11) 1,1-Dichloroethene-d2	2.105	63	108452	30.305	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.600%
21) 2-Butanone-d5	3.902	46	153008	105.330	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.330%
24) Chloroform-d	4.349	84	164516	44.263	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.520%
26) 1,2-Dichloroethane-d4	5.034	65	105444	46.262	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.520%
32) Benzene-d6	5.050	84	346793	48.100	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.069	67	113966	49.409	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.820%
41) Toluene-d8	7.317	98	303280	45.957	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.920%
43) trans-1,3-Dichloroprop...	7.625	79	44664	42.405	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.820%
47) 2-Hexanone-d5	8.091	63	101434	108.226	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.230%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	159378	47.600	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	119157	54.659	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.320%
Target Compounds						Qvalue
25) Chloroform	4.371	83	2194	0.641	ug/L	94
39) cis-1,3-Dichloropropene	6.989	75	2900	1.098	ug/L	83
44) trans-1,3-Dichloropropene	7.622	75	1800	0.714	ug/L #	81
46) Tetrachloroethene	7.979	164	38846	26.230	ug/L	95
61) 1,2,3-Trichloropropane	11.249	75	11356	6.209	ug/L #	64

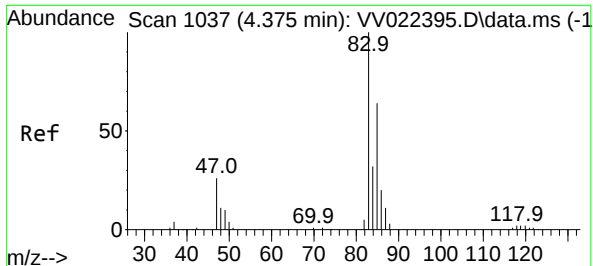
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 0.641 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VV022405.D

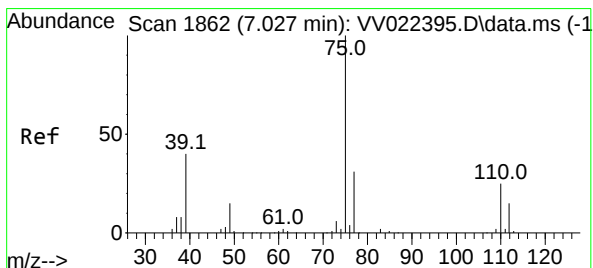
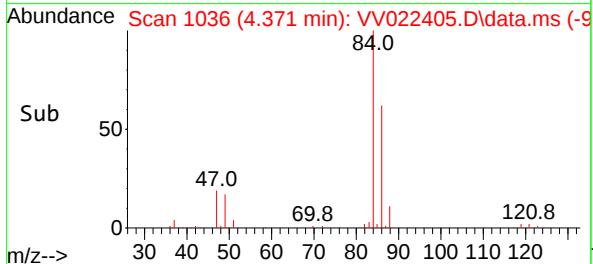
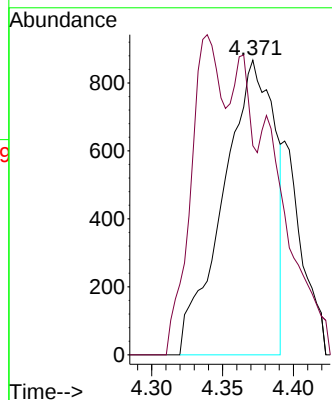
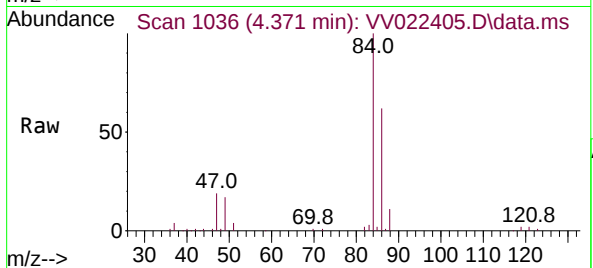
Acq: 30 Sep 2021 02:32

Tgt Ion: 83 Resp: 2194

Ion Ratio Lower Upper

83 100

85 70.9 46.5 86.3



#39

cis-1,3-Dichloropropene

Concen: 1.098 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.039 min

Lab File: VV022405.D

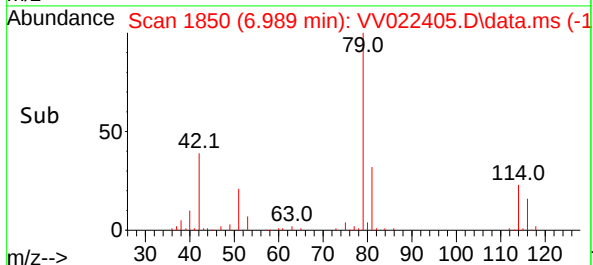
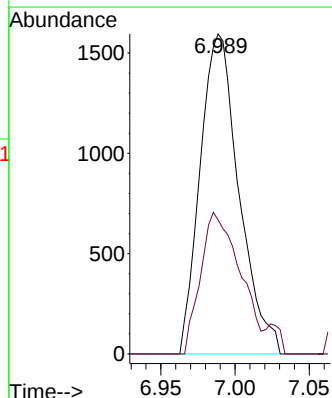
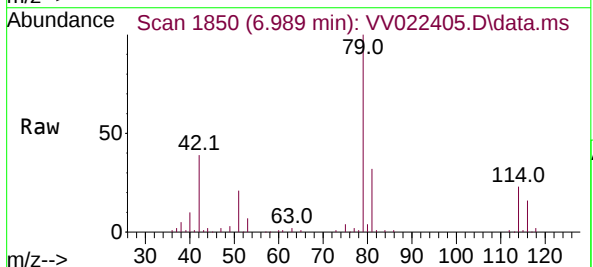
Acq: 30 Sep 2021 02:32

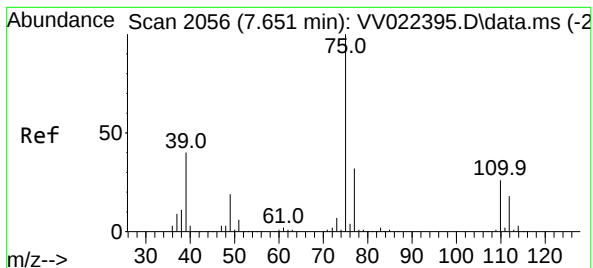
Tgt Ion: 75 Resp: 2900

Ion Ratio Lower Upper

75 100

77 41.9 22.7 42.1



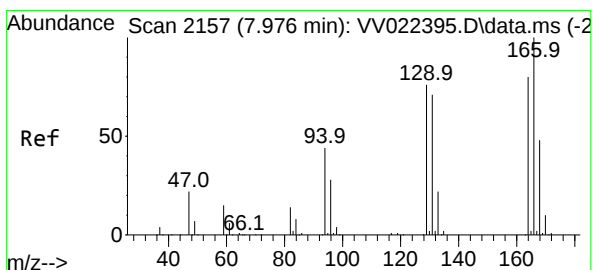
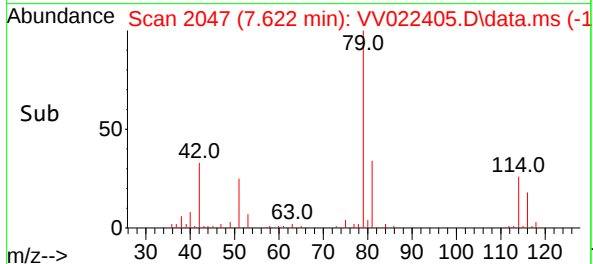
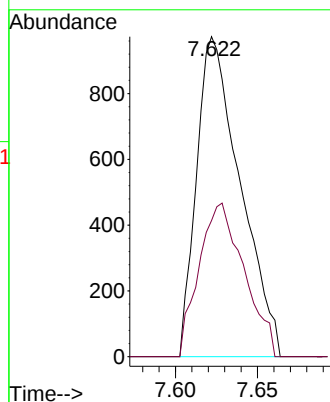
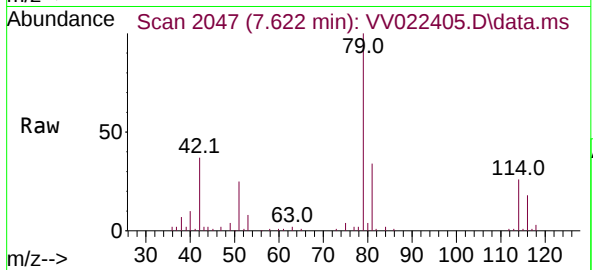


#44

trans-1,3-Dichloropropene
Concen: 0.714 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.029 min
Lab File: VV022405.D
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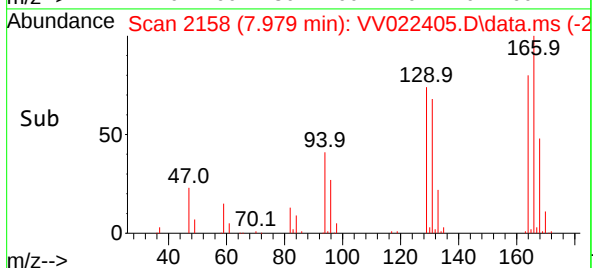
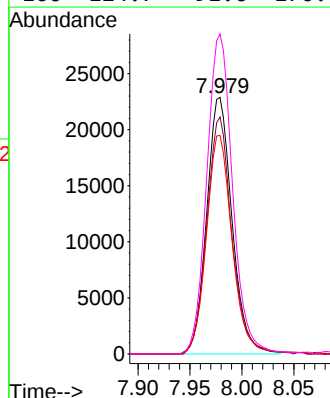
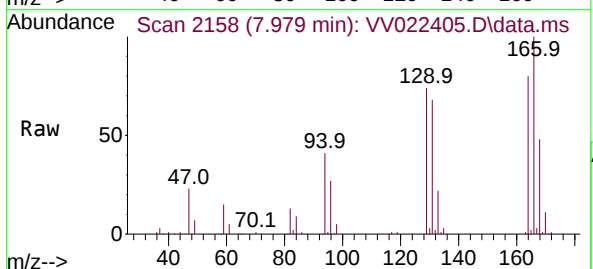
Tgt Ion: 75 Resp: 1800
Ion Ratio Lower Upper
75 100
77 42.5 22.3 41.3#

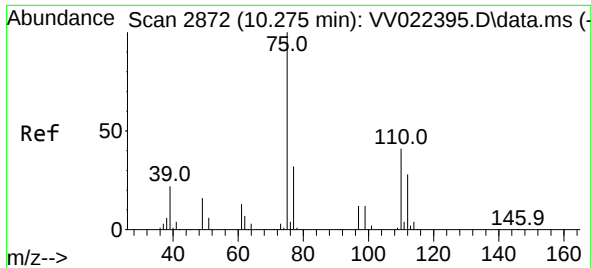


#46

Tetrachloroethene
Concen: 26.230 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV022405.D
Acq: 30 Sep 2021 02:32

Tgt Ion: 164 Resp: 38846
Ion Ratio Lower Upper
164 100
129 92.4 66.4 123.4
131 85.2 63.6 118.0
166 124.7 91.6 170.0





#61
 1,2,3-Trichloropropane
 Concen: 6.209 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV022405.D
 Acq: 30 Sep 2021 02:32

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A06

Tgt Ion:	75	Resp:	11356
Ion	Ratio	Lower	Upper
75	100		
77	33.4	25.4	38.0
110	2.8	32.6	48.8#

