

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102020\
 Data File : VV019029.D
 Acq On : 20 Oct 2020 23:06
 Operator : SY/MD
 Sample : L4430-06 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB5

Quant Time: Oct 21 08:18:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 21 07:57:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	282129	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	278309	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	135993	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67825	29.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	58.42%#
7) Chloroethane-d5	1.58	69	72980	39.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.32%
11) 1,1-Dichloroethene-d2	2.12	63	124116	28.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.62%#
21) 2-Butanone-d5	3.92	46	182355	112.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.65%
24) Chloroform-d	4.37	84	183109	43.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.76%
26) 1,2-Dichloroethane-d4	5.05	65	123537	44.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.20%
32) Benzene-d6	5.07	84	310576	38.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.46%
36) 1,2-Dichloropropane-d6	6.09	67	109261	42.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.12%
41) Toluene-d8	7.34	98	264474	36.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.58%#
43) trans-1,3-Dichloropropene-	7.64	79	50471	39.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.50%
47) 2-Hexanone-d5	8.11	63	91682	95.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.01%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	134672	44.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.46%
64) 1,2-Dichlorobenzene-d4	11.65	152	126390	45.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.36%

Target Compounds

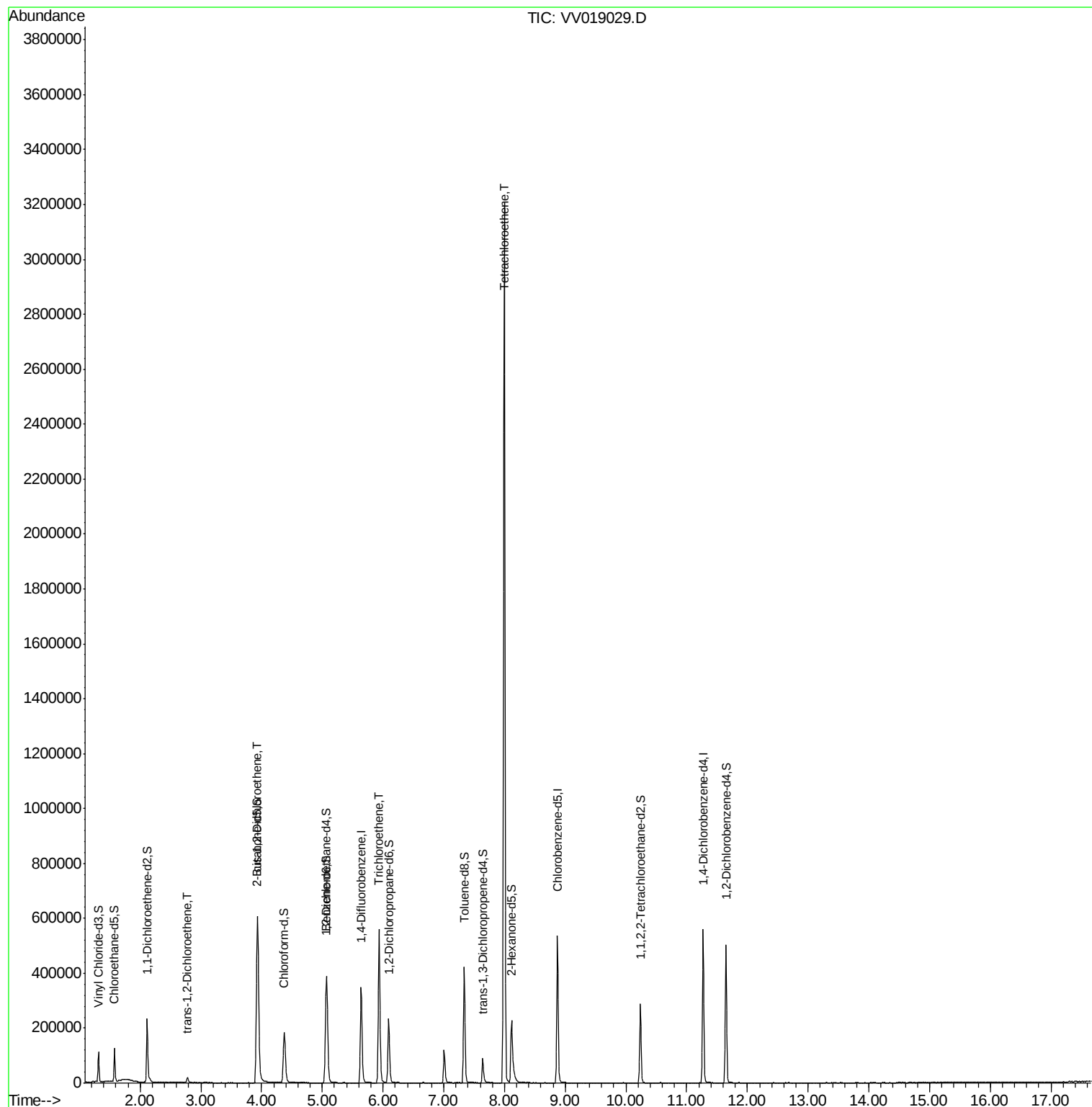
					Ovalue
17) trans-1,2-Dichloroethene	2.78	96	6667	3.238	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	288404	132.164	ug/L 98
34) Trichloroethene	5.94	95	183975	74.780	ug/L 99
46) Tetrachloroethene	8.00	164	691862	399.030	ug/L 99

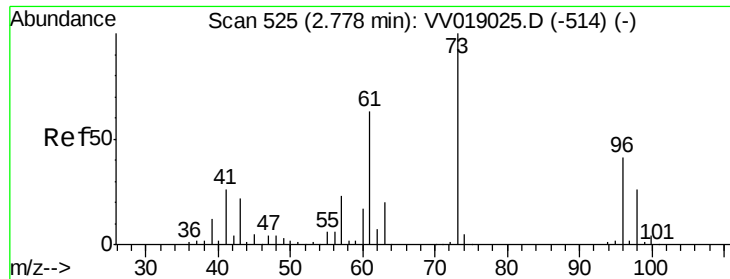
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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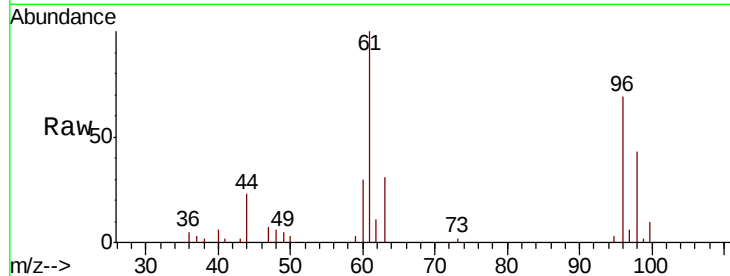




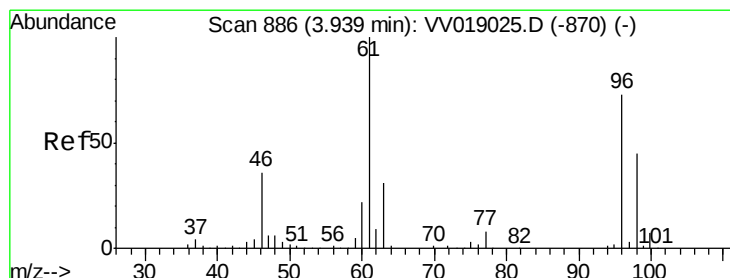
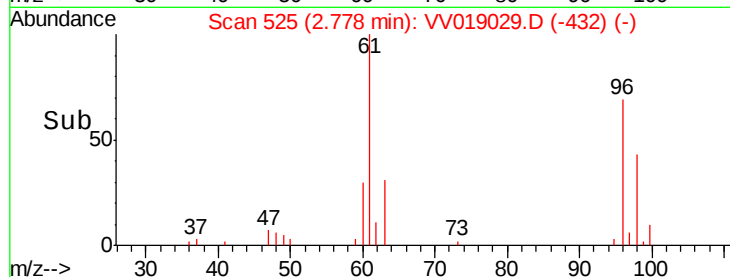
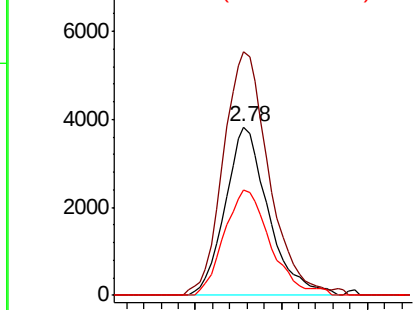
#17
trans-1,2-Dichloroethene
Concen: 3.238 ug/L
RT: 2.78 min Scan# 525
Delta R.T. -0.00 min
Lab File: VV019029.D
Acq: 20 Oct 2020 23:06

Instrument :
MSVOA_V
ClientSampleId :
C0AB5

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.5	102.8	190.8
98	62.3	44.0	81.6

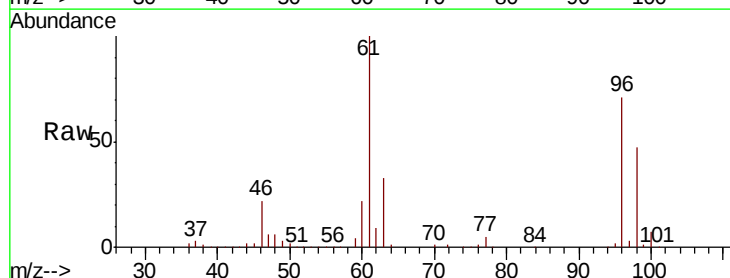


Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

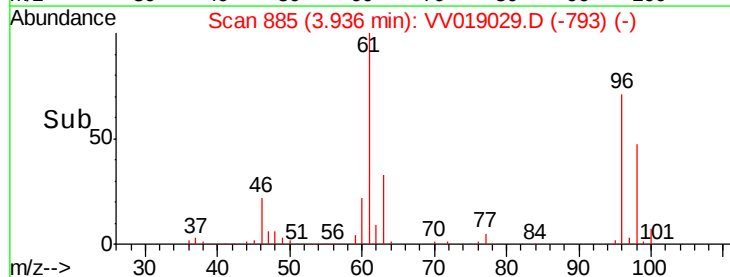
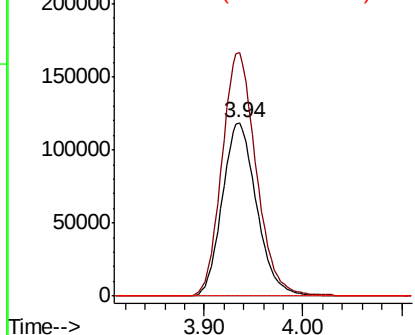


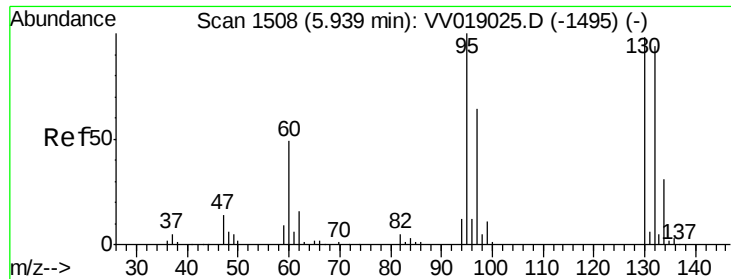
#20
cis-1,2-Dichloroethene
Concen: 132.164 ug/L
RT: 3.94 min Scan# 885
Delta R.T. -0.00 min
Lab File: VV019029.D
Acq: 20 Oct 2020 23:06

Tgt Ion	Ratio	Lower	Upper
96	100		
61	140.2	96.1	178.5
68	0.0	0.0	0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0

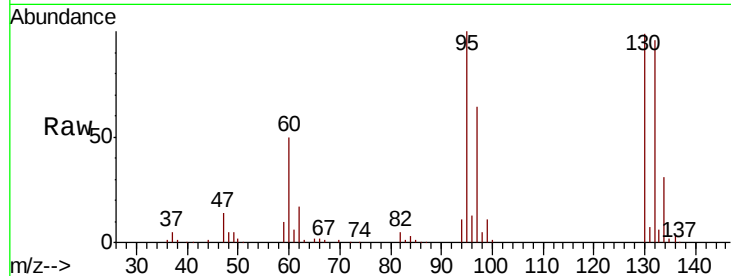




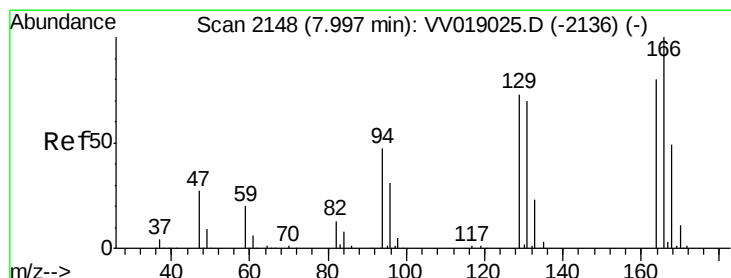
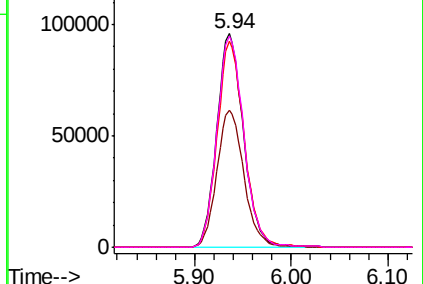
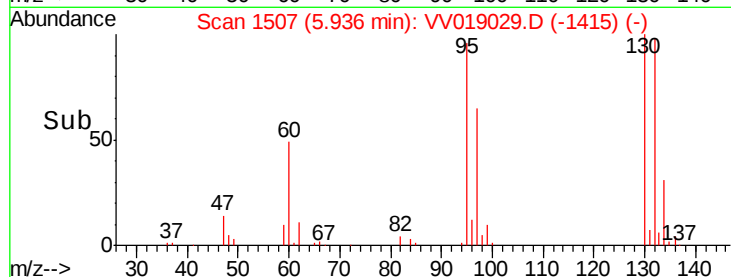
#34
 Trichloroethene
 Concen: 74.780 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: VV019029.D
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Tot Ion: 95 Resp: 183975
 Ion Ratio Lower Upper
 95 100
 97 64.3 44.7 82.9
 132 96.4 67.0 124.4
 130 98.7 70.8 131.6

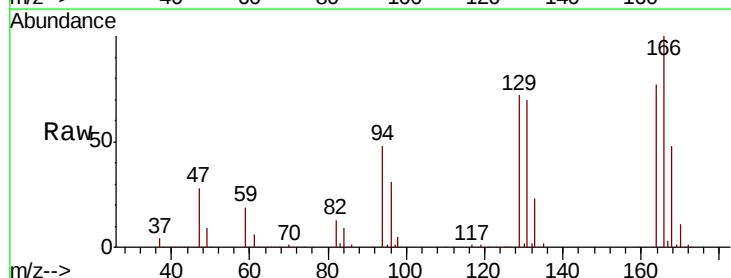


Abundance Ion 95.00 (94.70 to 95.70): VV019029.D (-1415) (-)
 Ion 97.00 (96.70 to 97.70): VV019029.D (-1415) (-)
 Ion 132.00 (131.70 to 132.70): VV019029.D (-1415) (-)
 Ion 130.00 (129.70 to 130.70): VV019029.D (-1415) (-)



#46
 Tetrachloroethene
 Concen: 399.030 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: VV019029.D
 Acq: 20 Oct 2020 23:06

Tgt Ion: 164 Resp: 691862
 Ion Ratio Lower Upper
 164 100
 129 93.3 65.0 120.8
 131 90.6 62.9 116.7
 166 129.4 91.1 169.3



Abundance Ion 164.00 (163.70 to 164.70): VV019029.D (-2055) (-)
 Ion 129.00 (128.70 to 129.70): VV019029.D (-2055) (-)
 Ion 131.00 (130.70 to 131.70): VV019029.D (-2055) (-)
 Ion 166.00 (165.70 to 166.70): VV019029.D (-2055) (-)

