

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV043020\
 Data File : VV015836.D
 Acq On : 30 Apr 2020 14:51
 Operator : SY/MD
 Sample : L2421-07
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFSAS

Quant Time: May 01 03:03:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 01 01:42:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	118385	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	115190	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	51720	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	35612	5.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.20%
7) Chloroethane-d5	1.58	69	32693	5.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.60%
11) 1,1-Dichloroethene-d2	2.12	63	53712	3.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.40%
20) 2-Butanone-d5	3.94	46	100078	50.38	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.76%
24) Chloroform-d	4.38	84	71845	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.06	65	42206	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.08	84	139860	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
36) 1,2-Dichloropropane-d6	6.10	67	43086	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.34	98	122988	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	7.65	79	14711	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.12	63	68476	41.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.66%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	29696	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	44307	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

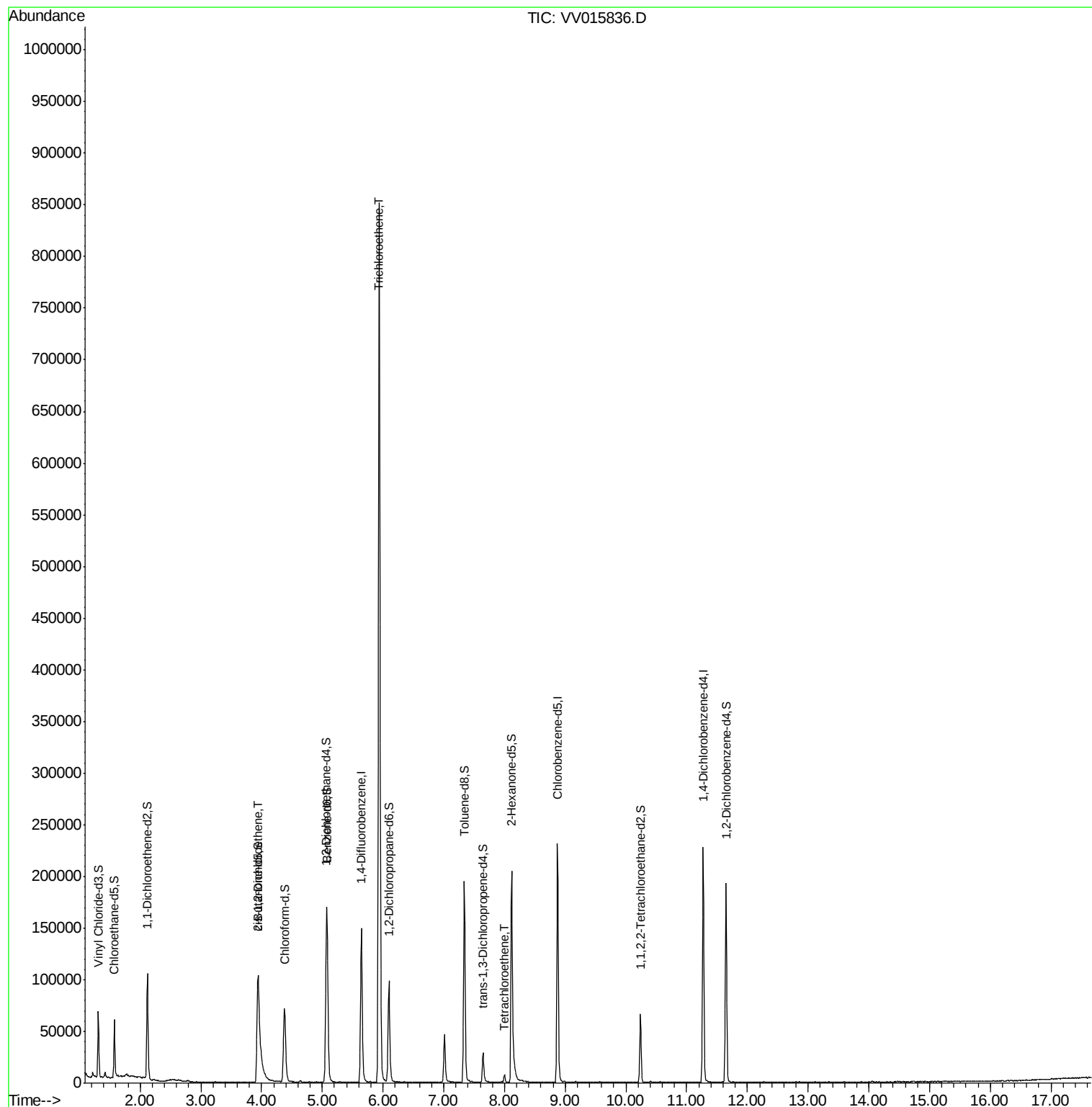
Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	3.94	96	32704	3.834 ug/L	95
34) Trichloroethene	5.94	95	291961	32.124 ug/L	99
47) Tetrachloroethene	8.00	164	1665	0.254 ug/L	87

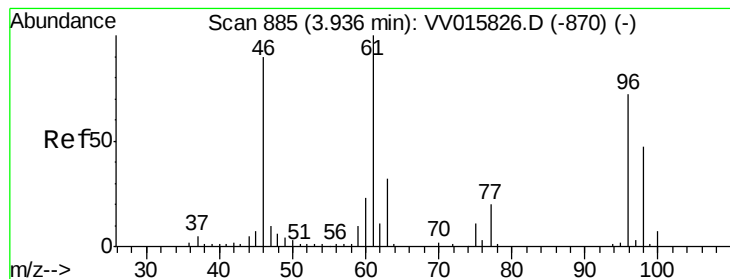
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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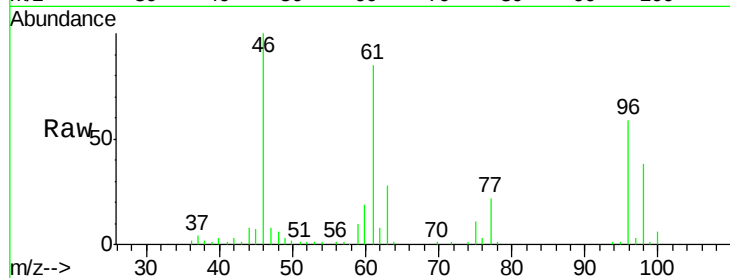


#22

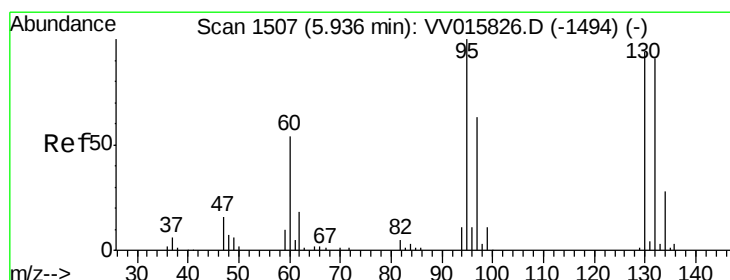
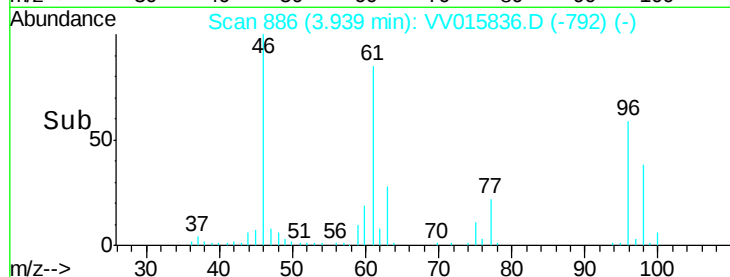
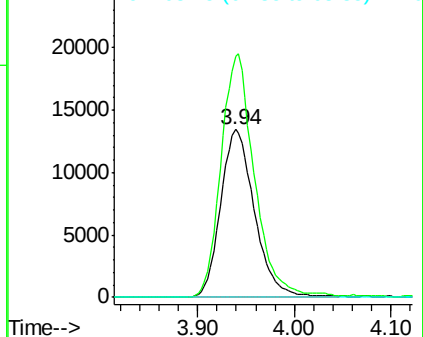
cis-1,2-Dichloroethene
Concen: 3.834 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV015836.D
Acq: 30 Apr 2020 14:51

Instrument :
MSVOA_V
ClientSampled :
BFSAS

Tot Ion: 96 Resp: 32704
Ion Ratio Lower Upper
96 100
61 143.6 96.4 179.0
68 0.0 0.0 0.0



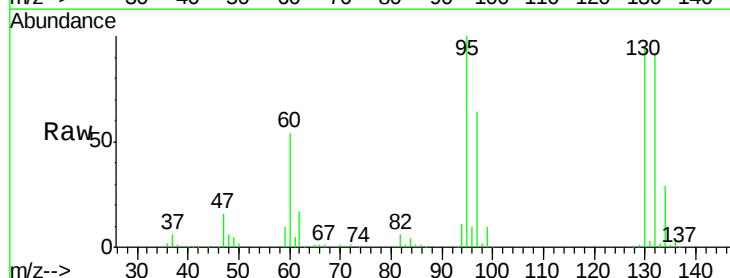
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



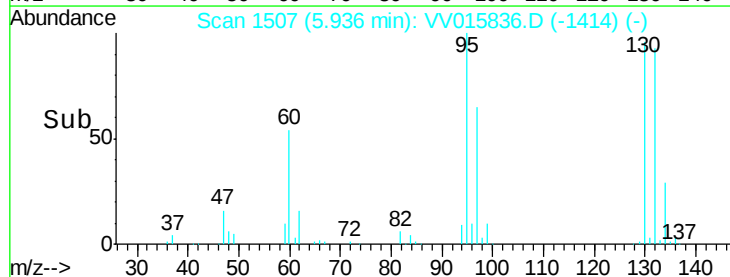
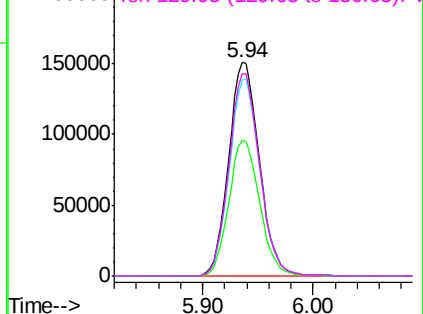
#34

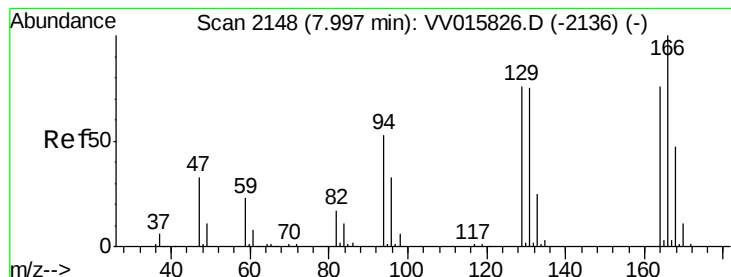
Trichloroethene
Concen: 32.124 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. -0.00 min
Lab File: VV015836.D
Acq: 30 Apr 2020 14:51

Tgt Ion: 95 Resp: 291961
Ion Ratio Lower Upper
95 100
97 63.8 44.7 82.9
132 91.7 65.2 121.0
130 94.7 65.0 120.6



Abundance Ion 95.00 (94.70 to 95.70): VV0
Ion 96.95 (96.65 to 97.65): VV0
Ion 131.95 (131.65 to 132.65): VV0
Ion 129.95 (129.65 to 130.65): VV0

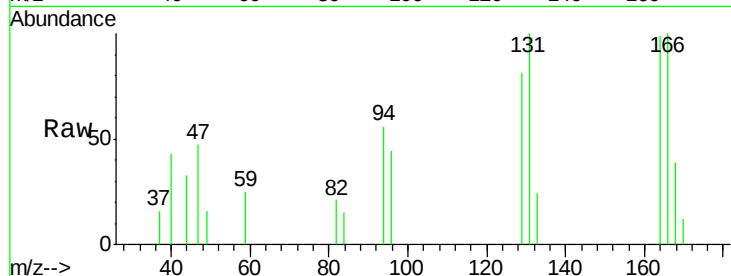




#47
 Tetrachloroethene
 Concen: 0.254 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: VV015836.D
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Instrument :
 MSVOA_V
 ClientSampleId :
 BFSAB

Tot Ion:164 Resp: 1665
 Ion Ratio Lower Upper
 164 100
 129 82.1 66.7 123.9
 131 101.0 66.6 123.6
 166 100.5 85.3 158.5



Abundance Ion 163.90 (163.60 to 164.60): V
 Ion 128.95 (128.65 to 129.65): V
 Ion 130.95 (130.65 to 131.65): V
 Ion 165.90 (165.60 to 166.60): V

