

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030719\
 Data File : VV009537.D
 Acq On : 07 Mar 2019 18:45
 Operator : SY/MD
 Sample : K1789-06
 Misc : 5.83G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0P2

Quant Time: Mar 08 05:00:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 08 03:01:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	128820	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	125345	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	57558	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31470	20.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.16%
7) Chloroethane-d5	1.58	69	52460	23.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.56%
10) 1,1-Dichloroethene-d2	2.13	63	67990	16.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.40%
20) 2-Butanone-d5	3.95	46	24506	46.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.76%
24) Chloroform-d	4.40	84	73451	23.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.72%
26) 1,2-Dichloroethane-d4	5.08	65	43426	24.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.48%
29) Benzene-d6	5.10	84	146770	23.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.56%
33) 1,2-Dichloropropane-d6	6.12	67	46263	25.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.00%
37) Toluene-d8	7.36	98	139588	23.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.24%
38) trans-1,3-Dichloropropene-	7.67	79	19055	21.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.84%
39) 2-Hexanone-d5	8.14	63	18173	42.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.00%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	44951	23.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.08%
61) 1,2-Dichlorobenzene-d4	11.67	152	50101	23.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.36%

Target Compounds

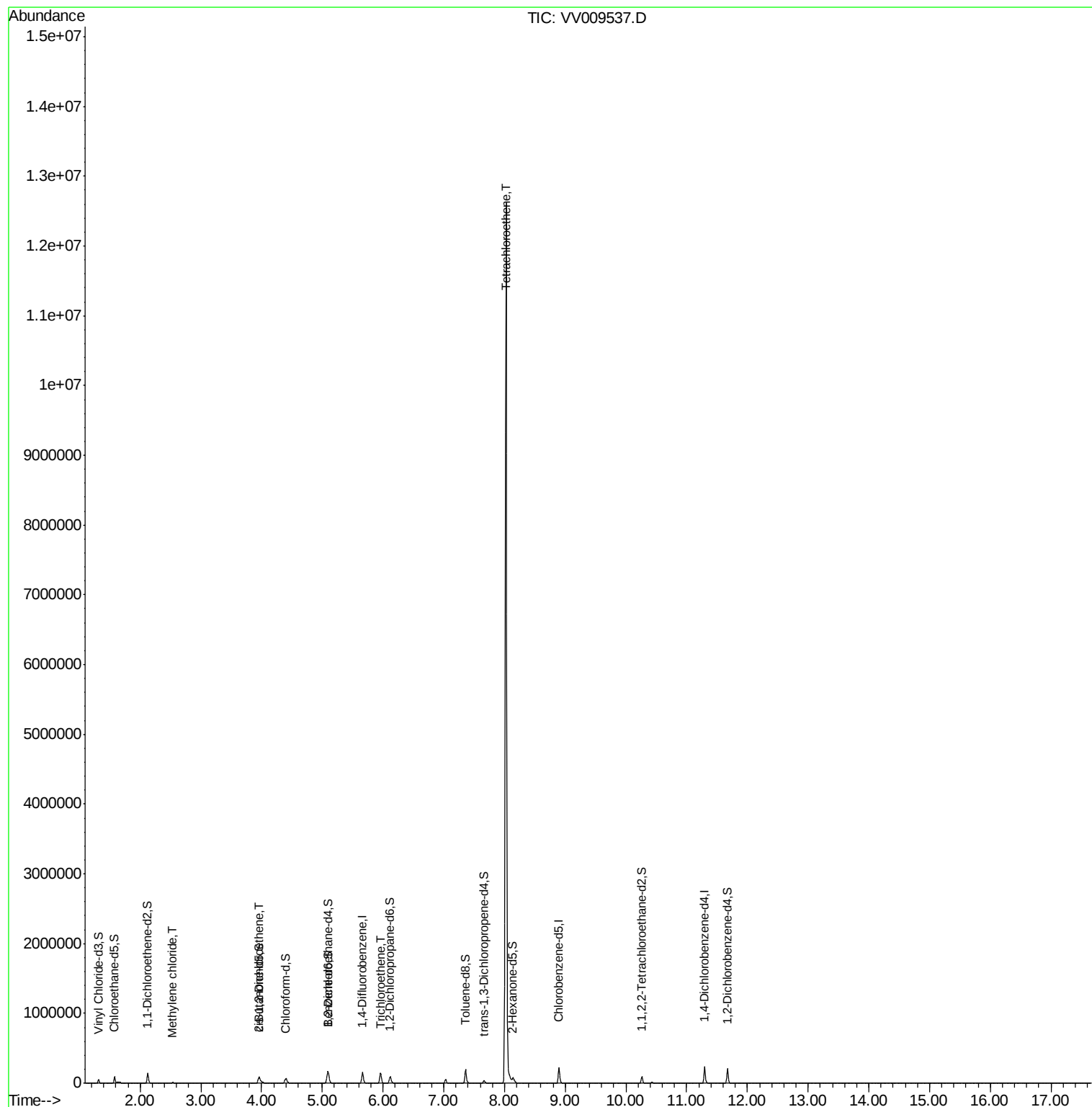
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	2.53	84	2792	1.651	ug/L	92
22) cis-1,2-Dichloroethene	3.96	96	42853	24.674	ug/L	98
35) Trichloroethene	5.96	95	48691	26.159	ug/L	98
47) Tetrachloroethene	8.03	164	2414290	1710.098	ug/L	95

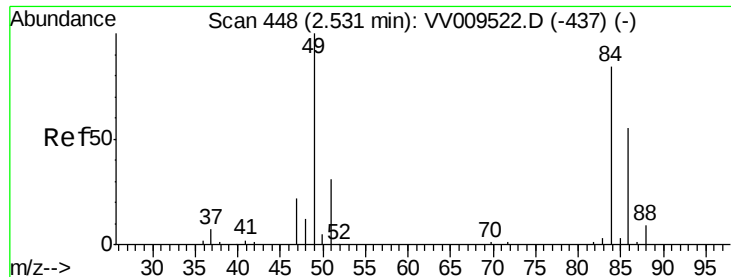
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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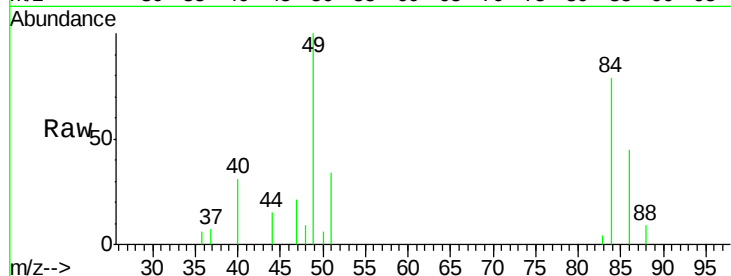




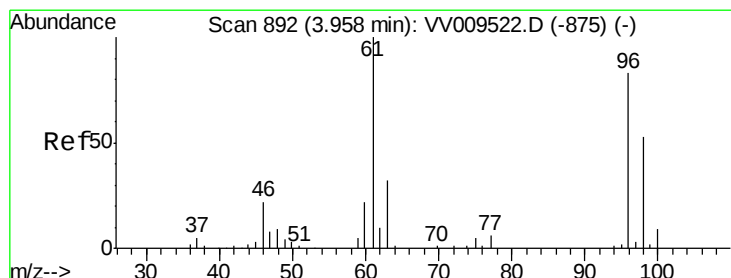
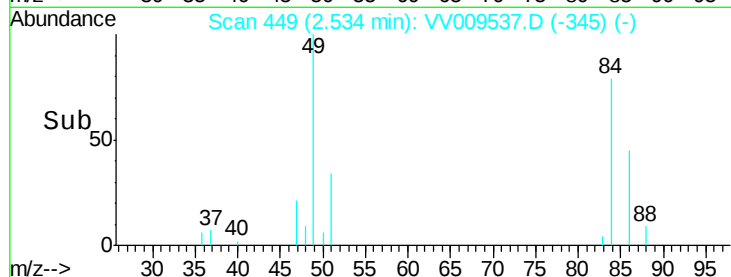
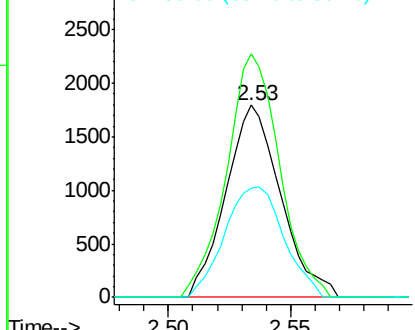
#16
Methylene chloride
Concen: 1.651 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV009537.D
Acq: 07 Mar 2019 18:45

Instrument :
MSVOA_V
ClientSampled :
BF0P2

Tot Ion: 84 Resp: 2792
Ion Ratio Lower Upper
84 100
49 126.8 84.6 157.0
86 56.6 46.1 85.7

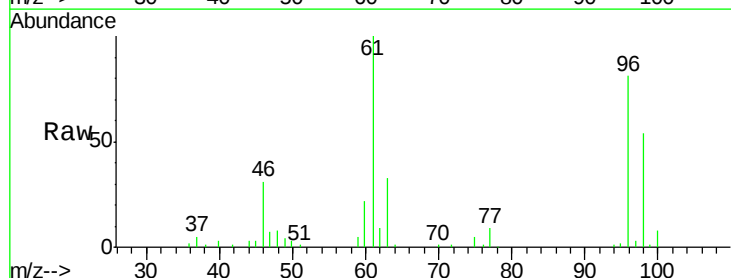


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0

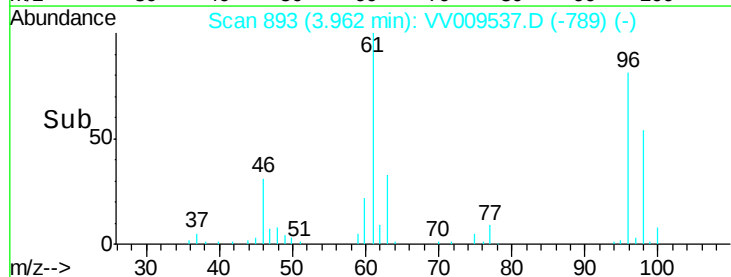
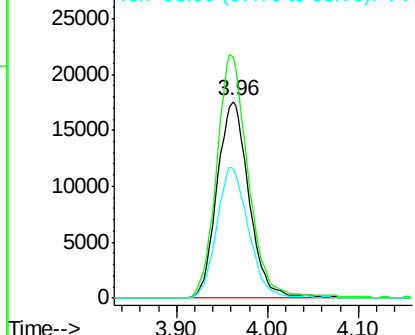


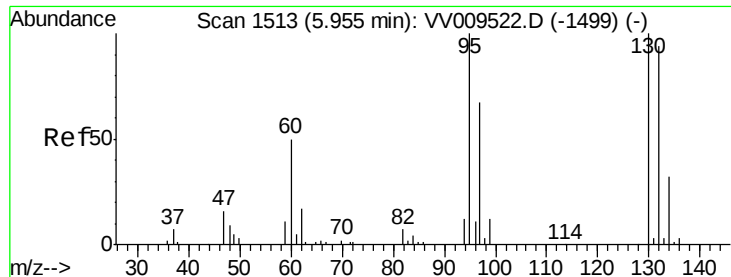
#22
cis-1,2-Dichloroethene
Concen: 24.674 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV009537.D
Acq: 07 Mar 2019 18:45

Tgt Ion: 96 Resp: 42853
Ion Ratio Lower Upper
96 100
61 122.8 87.2 161.9
98 65.8 44.6 82.8



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

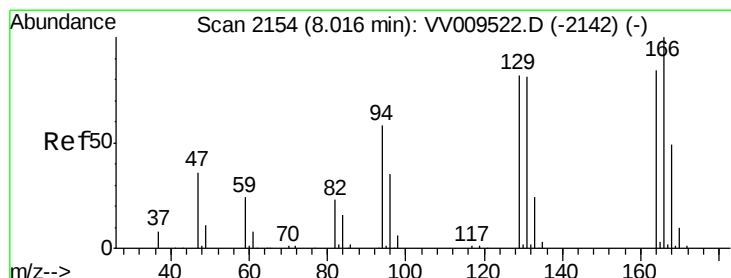
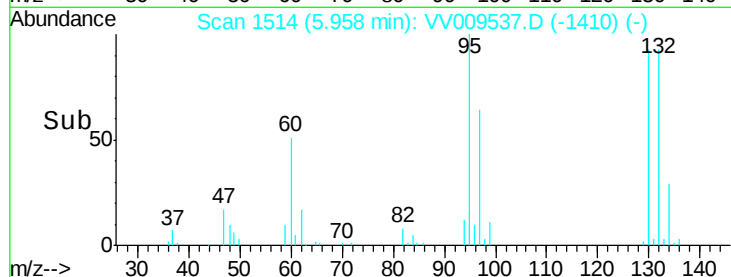
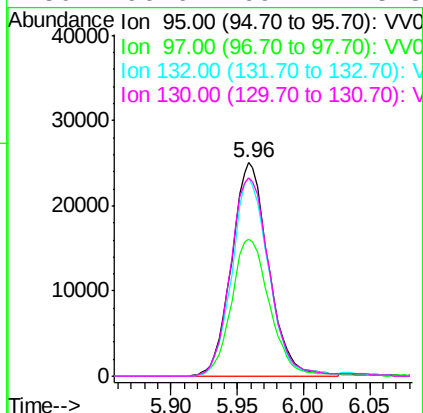
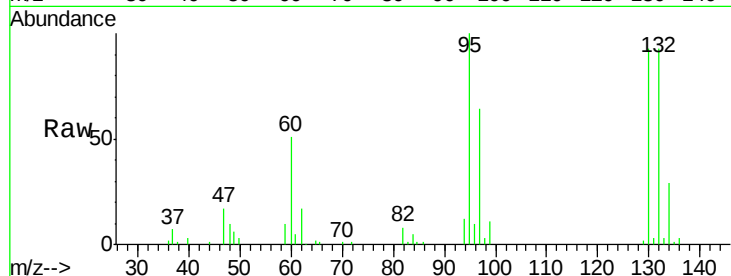




#35
 Trichloroethene
 Concen: 26.159 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV009537.D
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Tot Ion: 95 Resp: 48691
 Ion Ratio Lower Upper
 95 100
 97 66.0 44.3 82.3
 132 92.2 64.4 119.6
 130 96.6 69.4 128.8



#47
 Tetrachloroethene
 Concen: 1710.098 ug/L
 RT: 8.03 min Scan# 2157
 Delta R.T. 0.01 min
 Lab File: VV009537.D
 Acq: 07 Mar 2019 18:45

Tgt Ion: 164 Resp: 2414290
 Ion Ratio Lower Upper
 164 100
 129 97.3 67.7 125.7
 131 94.3 67.5 125.3
 166 127.3 81.6 151.6

