

Data File : VV012984.D
Acq On : 25 Sep 2019 18:39
Operator : SY/MD
Sample : K4988-09
Misc : 5.14G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ESNZ6

Quant Time: Sep 26 01:15:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 26 01:10:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	628270	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	599663	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	241014	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	204329	20.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.84%
7) Chloroethane-d5	1.58	69	185179	23.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.00%
10) 1,1-Dichloroethene-d2	2.13	63	279683	17.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.00%
20) 2-Butanone-d5	3.94	46	115357	34.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.54%
24) Chloroform-d	4.40	84	417375	24.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.72%
26) 1,2-Dichloroethane-d4	5.08	65	249493	24.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.48%
29) Benzene-d6	5.10	84	831675	24.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.36%
33) 1,2-Dichloropropane-d6	6.11	67	277158	26.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.64%
37) Toluene-d8	7.36	98	696635	22.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.68%
38) trans-1,3-Dichloropropene-	7.66	79	98014	22.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.24%
39) 2-Hexanone-d5	8.13	63	81735	38.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.40%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	221625	22.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.92%
61) 1,2-Dichlorobenzene-d4	11.67	152	242479	25.89	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.56%

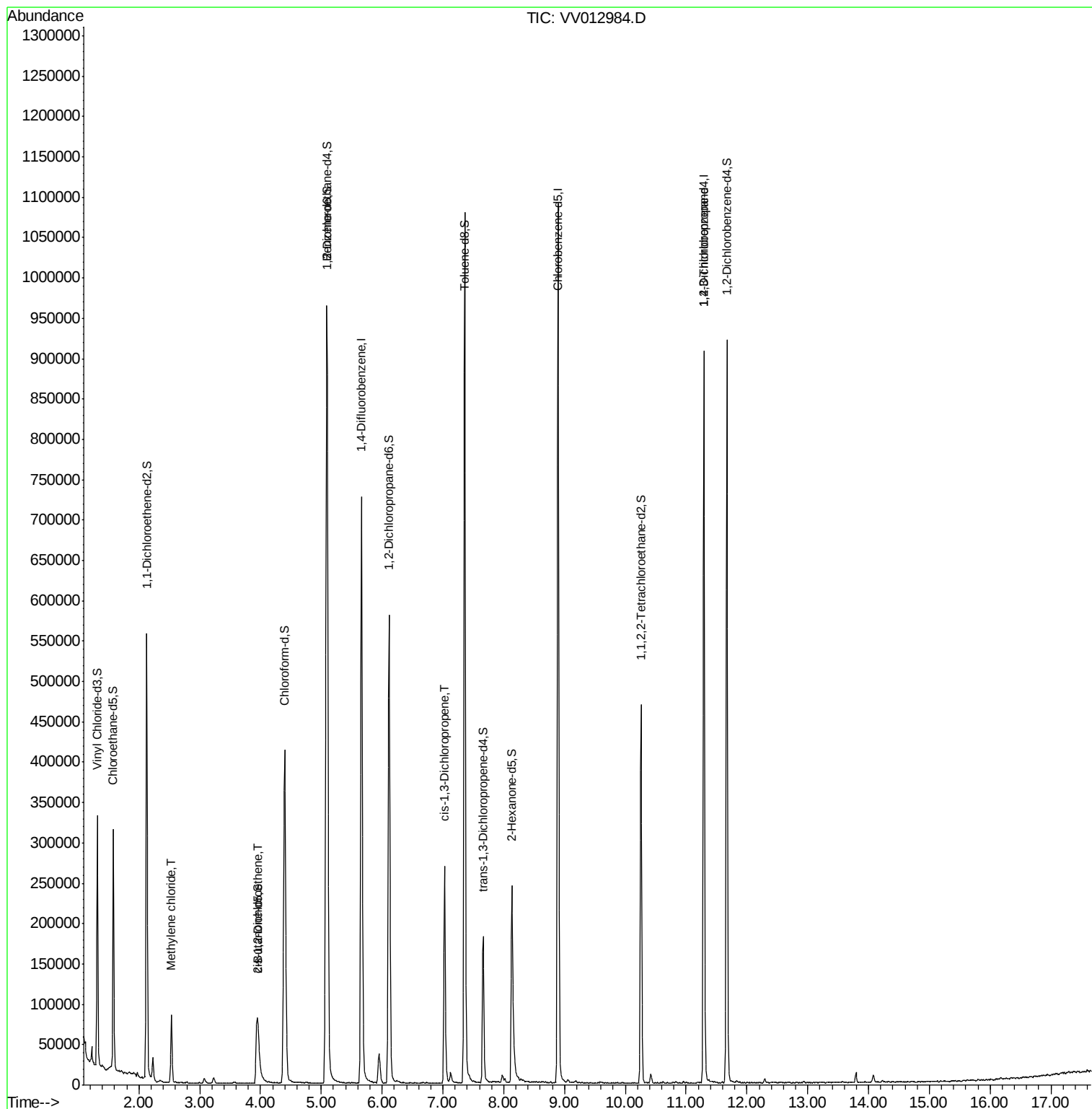
Target Compounds					Qvalue
16) Methylene chloride	2.53	84	34107	3.632 ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	17532	1.906 ug/L	96
42) cis-1,3-Dichloropropene	7.03	75	6864	0.538 ug/L #	75
59) 1,2,3-Trichloropropane	11.29	75	27018	3.591 ug/L	91

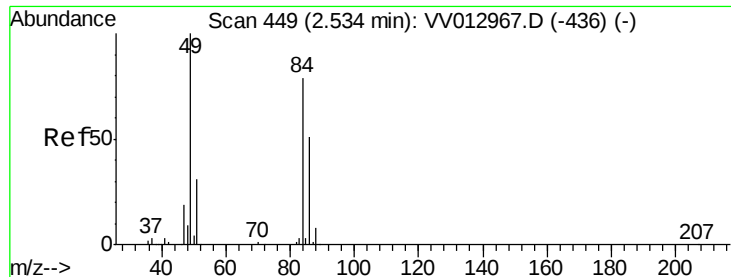
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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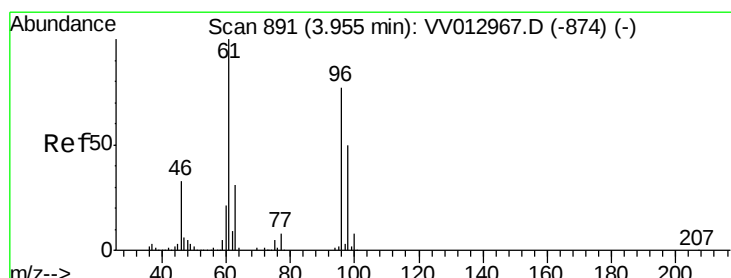
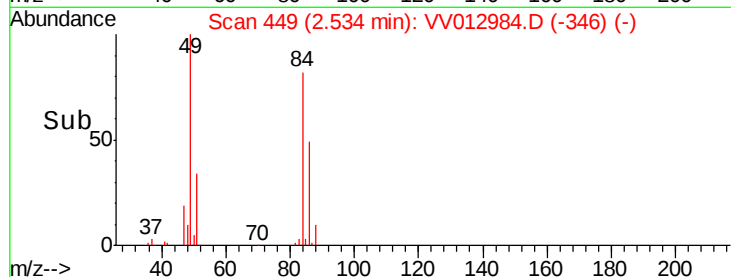
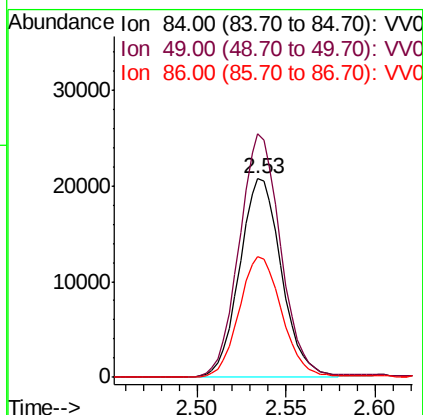
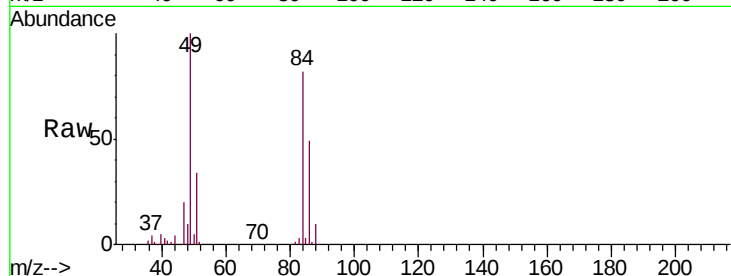




#16
Methylene chloride
Concen: 3.632 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
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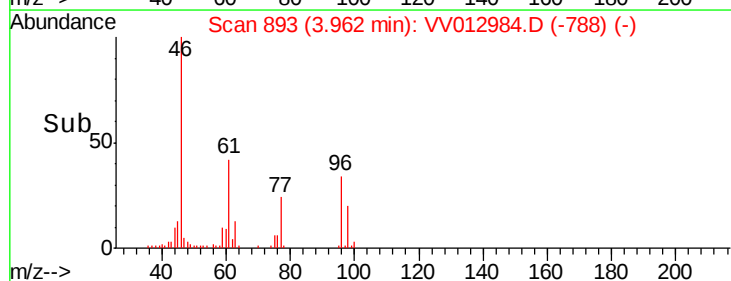
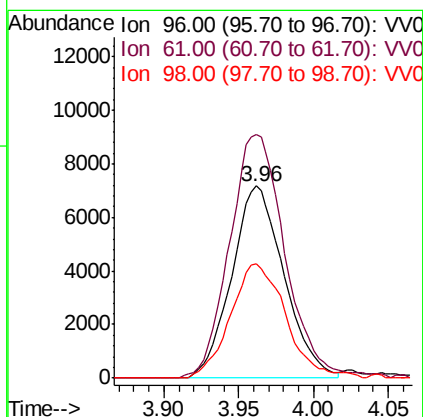
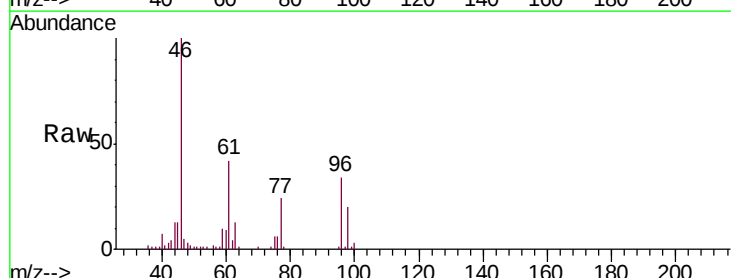
Instrument :
MSVOA_V
ClientSampleId :
ESNZ6

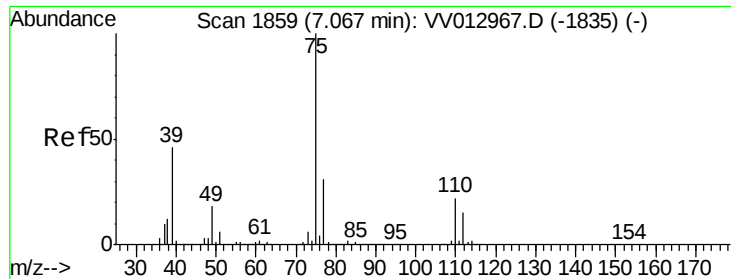
Tgt Ion: 84 Resp: 34107
Ion Ratio Lower Upper
84 100
49 122.6 88.3 164.1
86 60.6 44.9 83.3



#22
cis-1,2-Dichloroethene
Concen: 1.906 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.01 min
Lab File: VV012984.D
Acq: 25 Sep 2019 18:39

Tgt Ion: 96 Resp: 17532
Ion Ratio Lower Upper
96 100
61 126.7 90.9 168.7
98 59.3 45.6 84.6



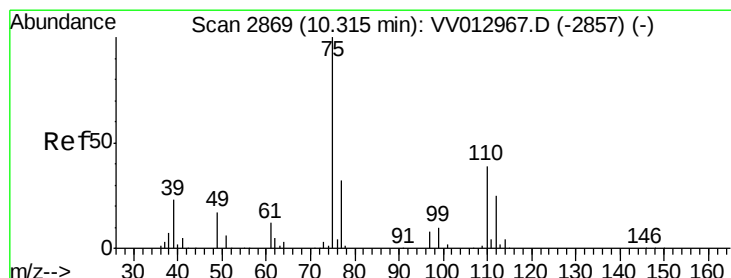
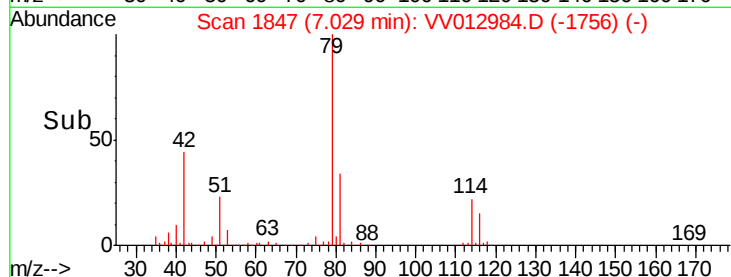
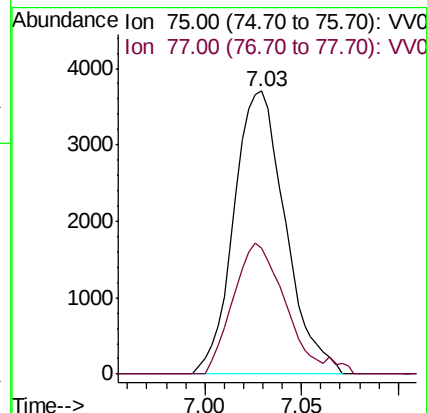
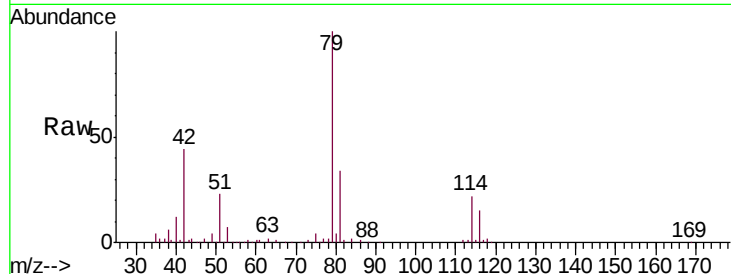


#42

cis-1,3-Dichloropropene
Concen: 0.538 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
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Instrument :
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ESNZ6

Tgt Ion: 75 Resp: 6864
Ion Ratio Lower Upper
75 100
77 44.5 21.5 39.9#



#59

1,2,3-Trichloropropane
Concen: 3.591 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.98 min
Lab File: VV012984.D
Acq: 25 Sep 2019 18:39

Tgt Ion: 75 Resp: 27018
Ion Ratio Lower Upper
75 100
77 36.8 25.4 38.0

