

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122018\
 Data File : VV009100.D
 Acq On : 20 Dec 2018 23:25
 Operator : SY/MD
 Sample : J6468-07RE
 Misc : 6.49 G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JG5RE

Manual Integrations
 APPROVED

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 12/26/2018 10:04:37 AM

Quant Time: Dec 21 01:59:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 21 01:30:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	174072	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	140070	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	46270	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31616	17.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.20%
7) Chloroethane-d5	1.58	69	37730	28.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.40%
10) 1,1-Dichloroethene-d2	2.13	63	64582	14.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.36%
20) 2-Butanone-d5	3.94	46	27390	41.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.52%
24) Chloroform-d	4.40	84	101094	24.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.64%
26) 1,2-Dichloroethane-d4	5.08	65	61578	26.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.88%
29) Benzene-d6	5.10	84	190441	24.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.36%
33) 1,2-Dichloropropane-d6	6.12	67	61425	28.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.20%
37) Toluene-d8	7.36	98	162258	22.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.64%
38) trans-1,3-Dichloropropene-	7.67	79	22468	23.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.40%
39) 2-Hexanone-d5	8.14	63	16208	40.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.80%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	44777	24.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.48%
61) 1,2-Dichlorobenzene-d4	11.68	152	40084	23.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.32%

Target Compounds					Qvalue
16) Methylene chloride	2.53	84	6415	2.188 ug/L	97
22) cis-1,2-Dichloroethene	3.97	96	4166m	1.648 ug/L	
35) Trichloroethene	5.96	95	15425	6.097 ug/L	98

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

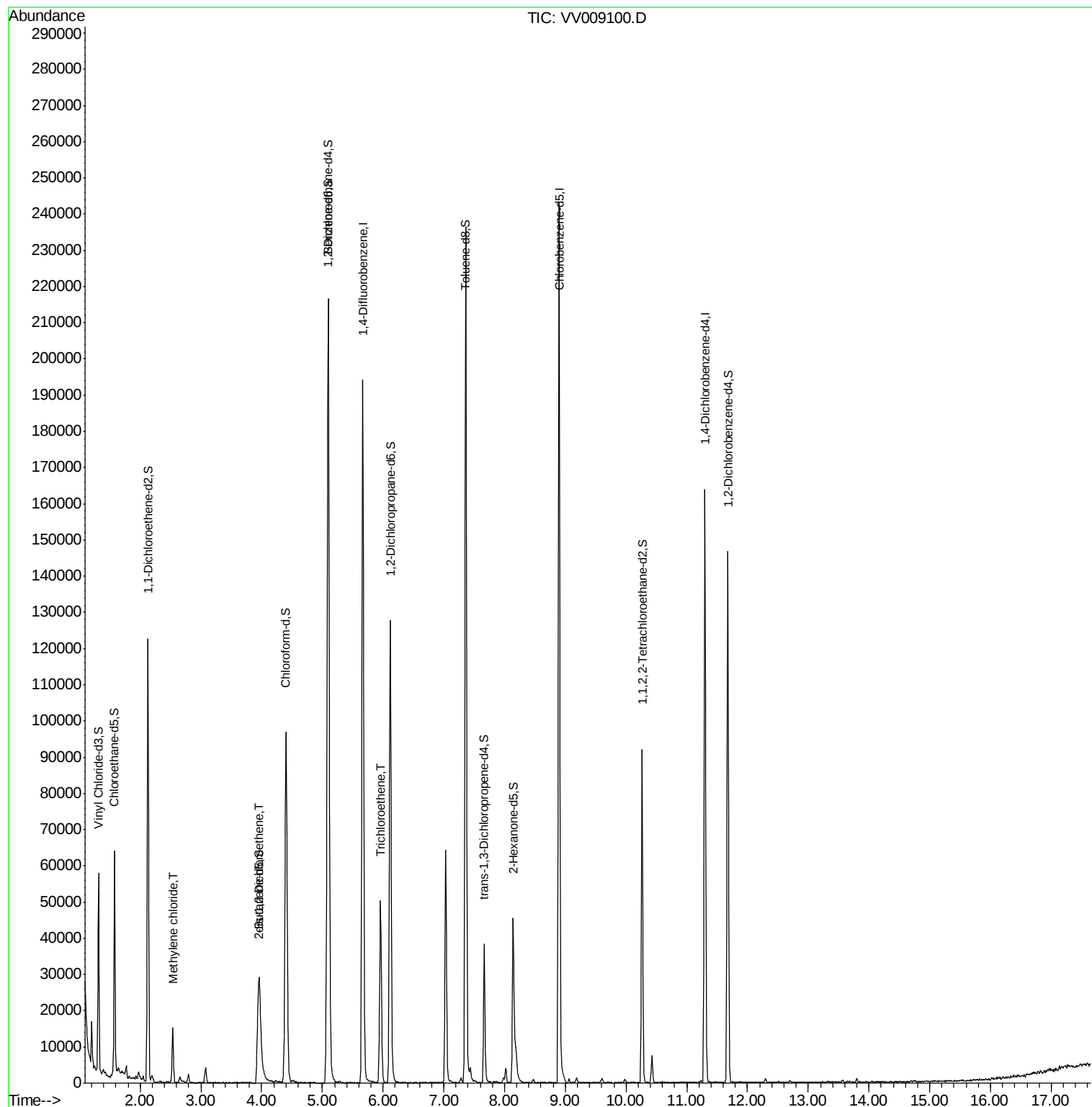
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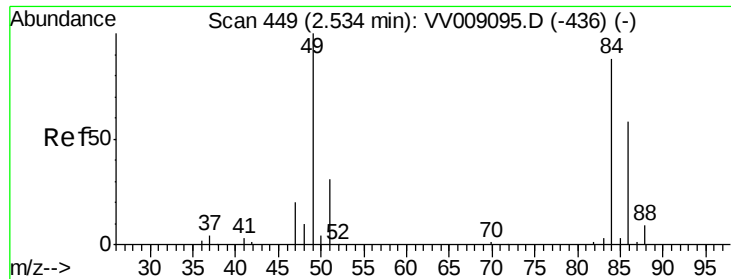
Instrument :
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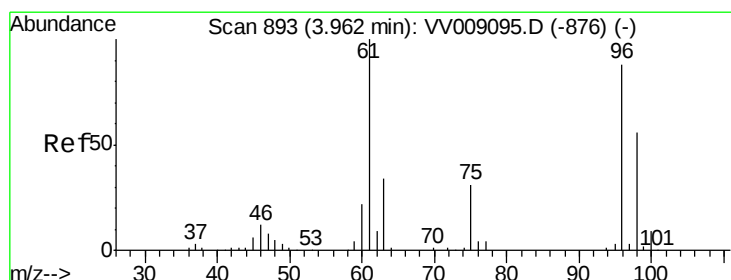
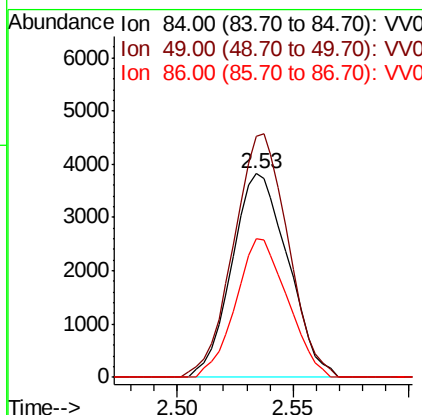
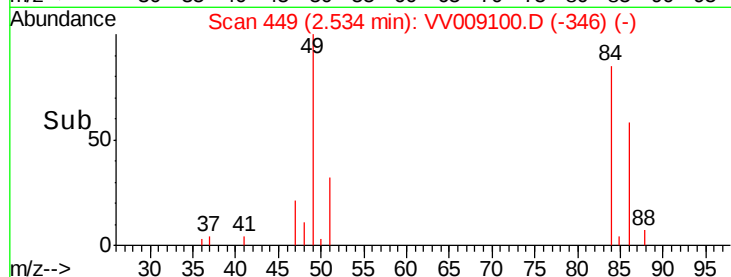
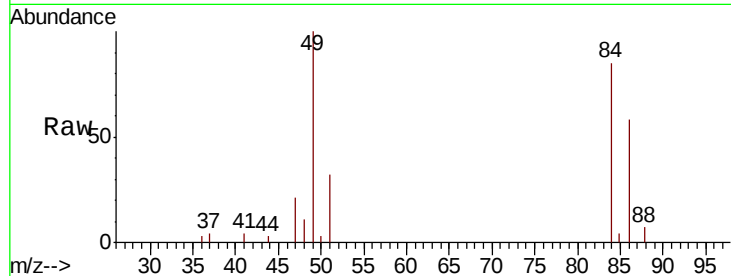
#16
Methylene chloride
Concen: 2.188 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV009100.D
Acq: 20 Dec 2018 23:25

Instrument :
MSVOA_V
ClientSampleId :
C0JG5RE

Tgt Ion: 84 Resp: 6415
Ion Ratio Lower Upper
84 100
49 118.1 80.5 149.5
86 68.2 45.5 84.5

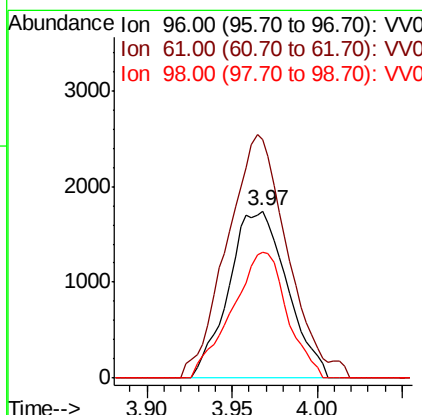
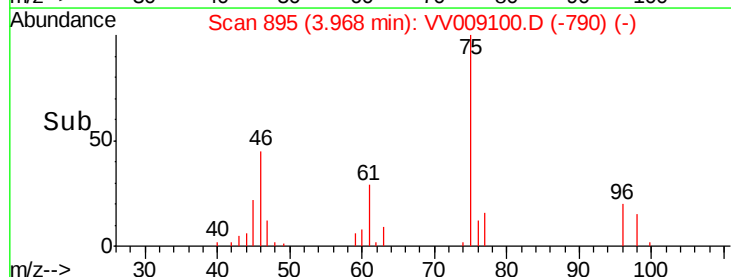
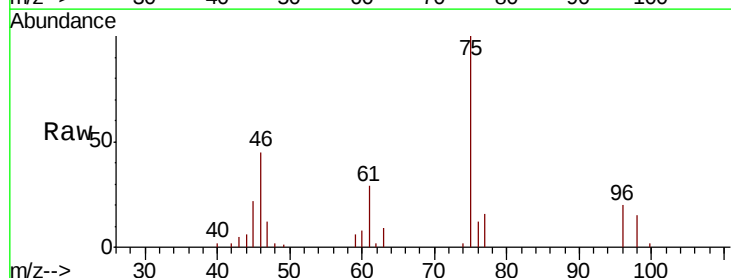
Manual Integrations
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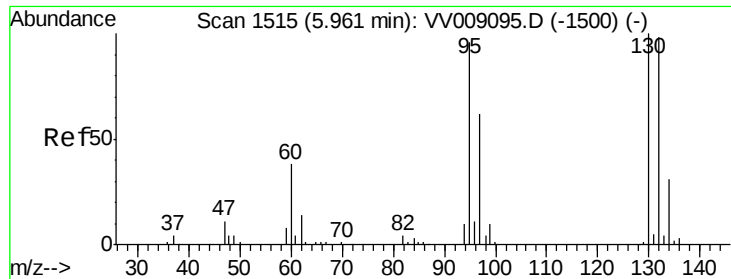
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#22
cis-1,2-Dichloroethene
Concen: 1.648 ug/L m
RT: 3.97 min Scan# 895
Delta R.T. 0.01 min
Lab File: VV009100.D
Acq: 20 Dec 2018 23:25

Tgt Ion: 96 Resp: 4166
Ion Ratio Lower Upper
96 100
61 143.1 86.2 160.0
98 75.4 45.6 84.6





#35
 Trichloroethene
 Concen: 6.097 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. -0.00 min
 Lab File: VV009100.D
 Acq: 20 Dec 2018 23:25

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion:	95	Resp:	15425
Ion Ratio	Lower	Upper	
95	100		
97	66.3	45.3	84.1
132	103.1	70.0	130.0
130	105.6	73.4	136.4

Manual Integrations
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