

Data File : VV009949.D
Acq On : 28 Mar 2019 01:40
Operator : SY/MD
Sample : K2101-12
Misc : 5.55G/10mL/MSVOA_V/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0B7

Manual Integrations
APPROVED

MMDadoda
3/29/2019 1:42:41 PM

Quant Time: Mar 29 13:37:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 04:20:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	170886	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	172344	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	65991	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	78361	22.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.40%
7) Chloroethane-d5	1.56	69	89192	23.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.24%
10) 1,1-Dichloroethene-d2	2.12	63	108976	11.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	45.96%
20) 2-Butanone-d5	3.92	46	36730m	56.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.68%
24) Chloroform-d	4.39	84	112044	25.74	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.96%
26) 1,2-Dichloroethane-d4	5.07	65	76070	29.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.12%
29) Benzene-d6	5.09	84	241669	26.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.80%
33) 1,2-Dichloropropane-d6	6.11	67	75019	28.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.32%
37) Toluene-d8	7.36	98	207877	24.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.08%
38) trans-1,3-Dichloropropene-	7.66	79	24690	22.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.16%
39) 2-Hexanone-d5	8.13	63	25995	52.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.20%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	62275	23.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.00%
61) 1,2-Dichlorobenzene-d4	11.67	152	67372	26.82	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.28%

Target Compounds					Qvalue
16) Methylene chloride	2.53	84	5769	2.050 ug/L	81
22) cis-1,2-Dichloroethene	3.95	96	4877m	1.973 ug/L	
35) Trichloroethene	5.96	95	2120	0.849 ug/L #	80
47) Tetrachloroethene	8.02	164	296586	150.559 ug/L	96

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

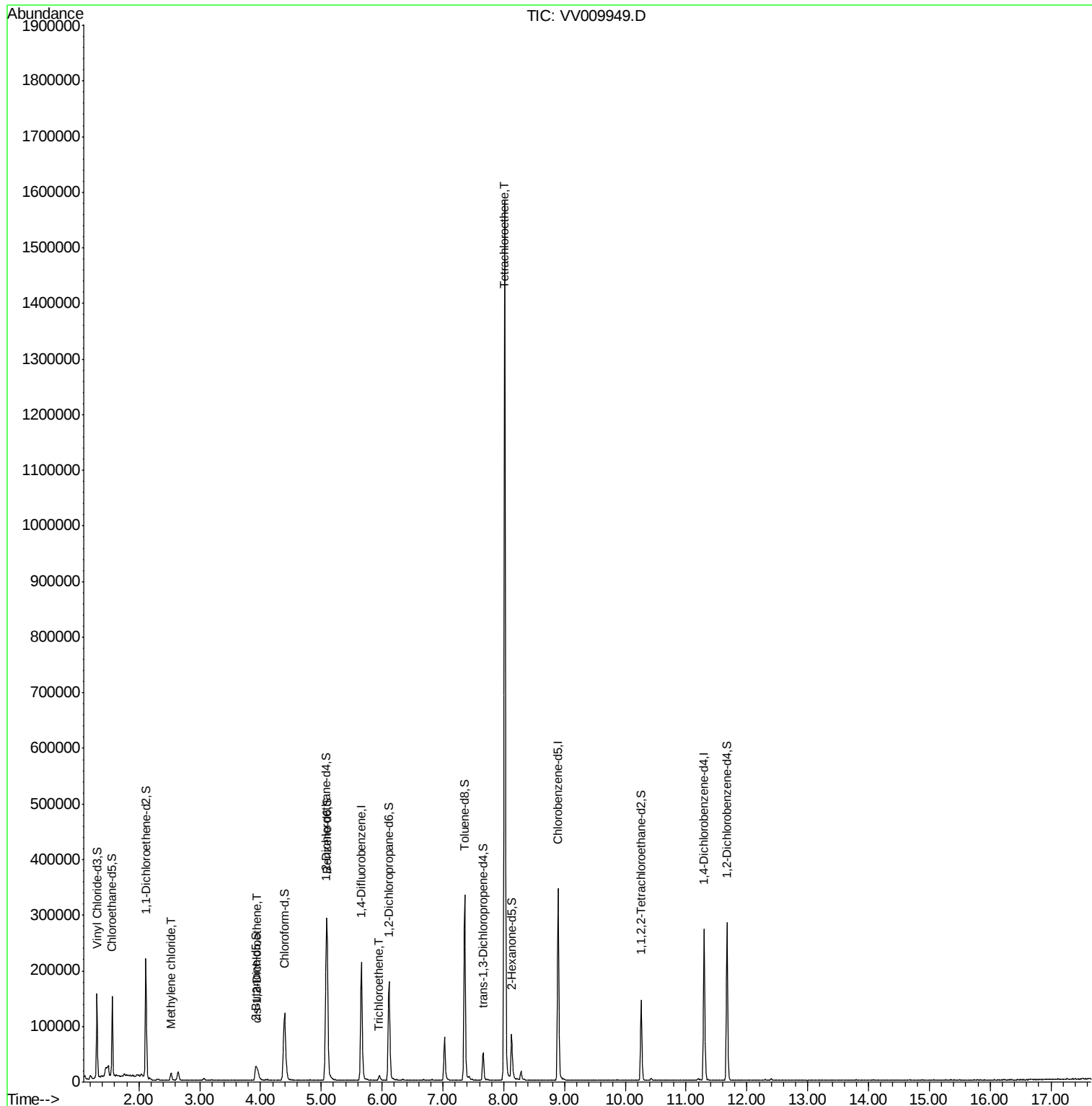
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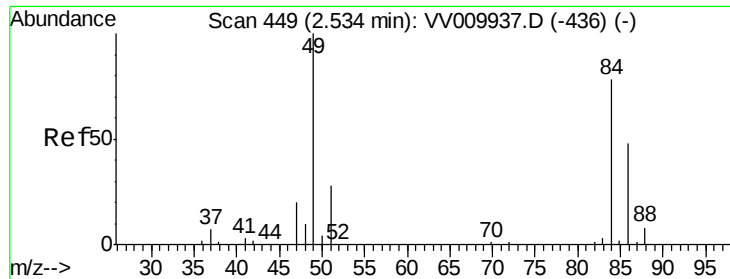
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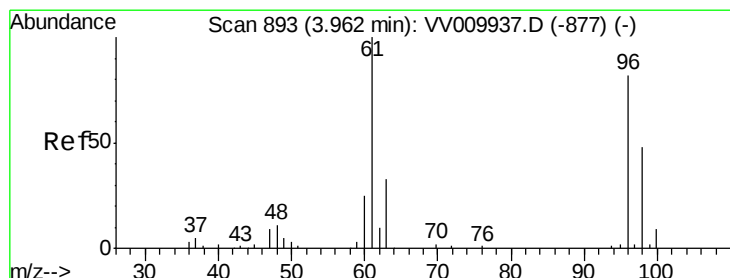
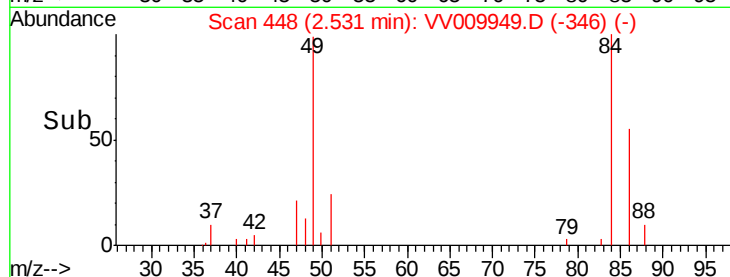
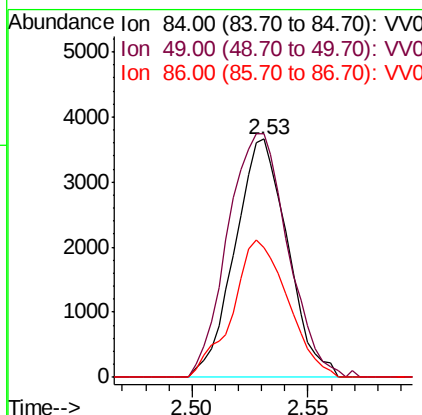
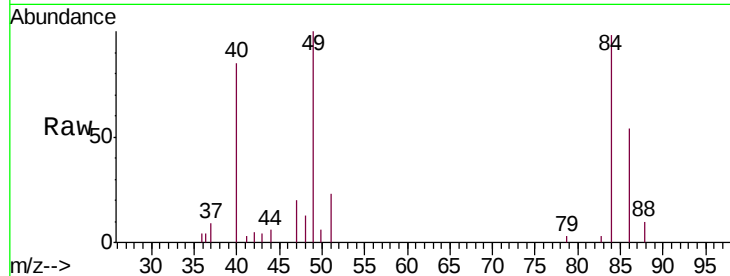
#16
Methylene chloride
Concen: 2.050 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV009949.D
Acq: 28 Mar 2019 01:40

Instrument :
MSVOA_V
ClientSampleId :
BF0B7

Tgt Ion	Ratio	Lower	Upper
84	100		
49	101.9	90.4	167.8
86	54.7	44.0	81.6

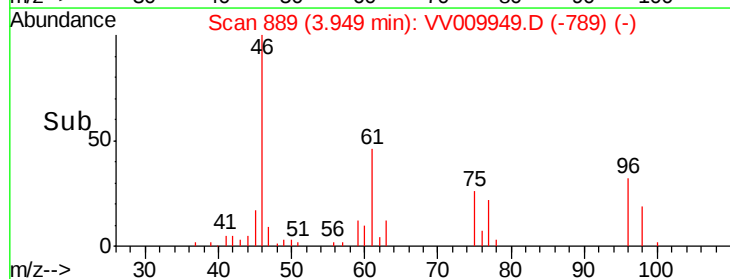
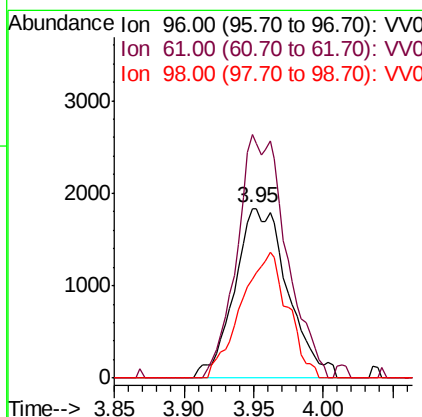
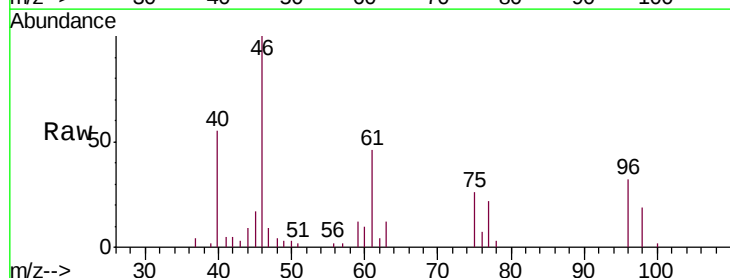
Manual Integrations
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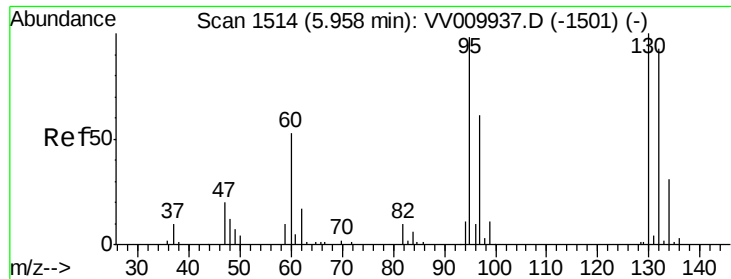
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#22
cis-1,2-Dichloroethene
Concen: 1.973 ug/L m
RT: 3.95 min Scan# 889
Delta R.T. -0.01 min
Lab File: VV009949.D
Acq: 28 Mar 2019 01:40

Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.7	91.4	169.8
98	58.4	48.0	89.2





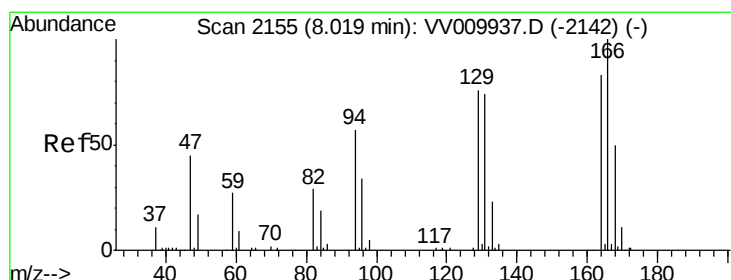
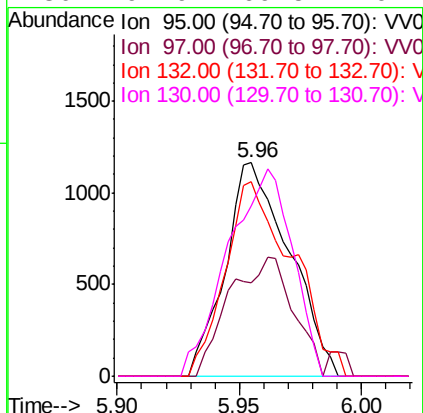
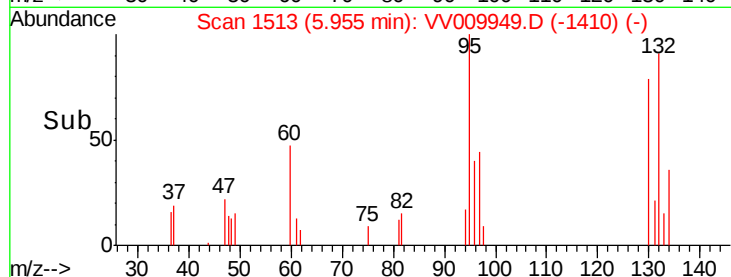
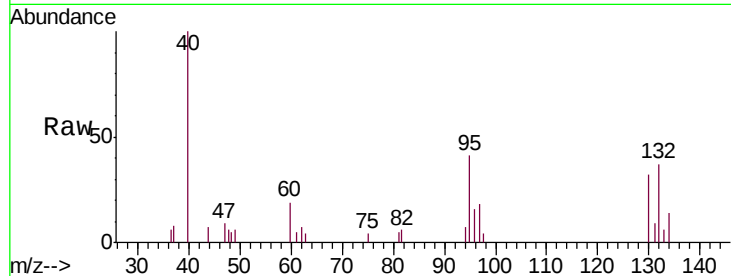
#35
 Trichloroethene
 Concen: 0.849 ug/L
 RT: 5.96 min Scan# 1513
 Delta R.T. 0.00 min
 Lab File: VV009949.D
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Tgt Ion	Ratio	Lower	Upper
95	100		
97	31.3	46.3	85.9#
132	77.1	69.3	128.7
130	97.9	69.5	129.1

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#47
 Tetrachloroethene
 Concen: 150.559 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: VV009949.D
 Acq: 28 Mar 2019 01:40

Tgt Ion	Ratio	Lower	Upper
164	100		
129	93.3	64.9	120.5
131	92.0	62.0	115.2
166	124.9	82.9	153.9

