

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032619\
 Data File : VV009906.D
 Acq On : 26 Mar 2019 20:46
 Operator : SY/MD
 Sample : K2083-20
 Misc : 6.21G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0J7

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 5:43:02 PM

Quant Time: Mar 27 02:37:29 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M

Quant Title : VOC Analysis

QLast Update : Wed Mar 27 01:42:27 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	154138	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	157569	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	64645	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	75368	24.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.40%
7) Chloroethane-d5	1.57	69	84502	25.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.04%
10) 1,1-Dichloroethene-d2	2.13	63	162595	19.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.00%
20) 2-Butanone-d5	3.93	46	24986	42.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.74%
24) Chloroform-d	4.40	84	91987m	23.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.68%
26) 1,2-Dichloroethane-d4	5.08	65	59206	25.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.20%
29) Benzene-d6	5.10	84	217881	26.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.32%
33) 1,2-Dichloropropane-d6	6.12	67	66130	27.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.28%
37) Toluene-d8	7.36	98	196134	25.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.16%
38) trans-1,3-Dichloropropene-	7.66	79	20251	20.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.80%
39) 2-Hexanone-d5	8.13	63	16607	36.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.50%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	50045	20.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.52%
61) 1,2-Dichlorobenzene-d4	11.67	152	63670	25.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.48%

Target Compounds

					Qvalue
16) Methylene chloride	2.54	84	3005	1.184 ug/L	85
22) cis-1,2-Dichloroethene	3.96	96	6137	2.752 ug/L	71
25) Chloroform	4.43	83	12901	3.159 ug/L	92
35) Trichloroethene	5.96	95	7269	3.185 ug/L #	87

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

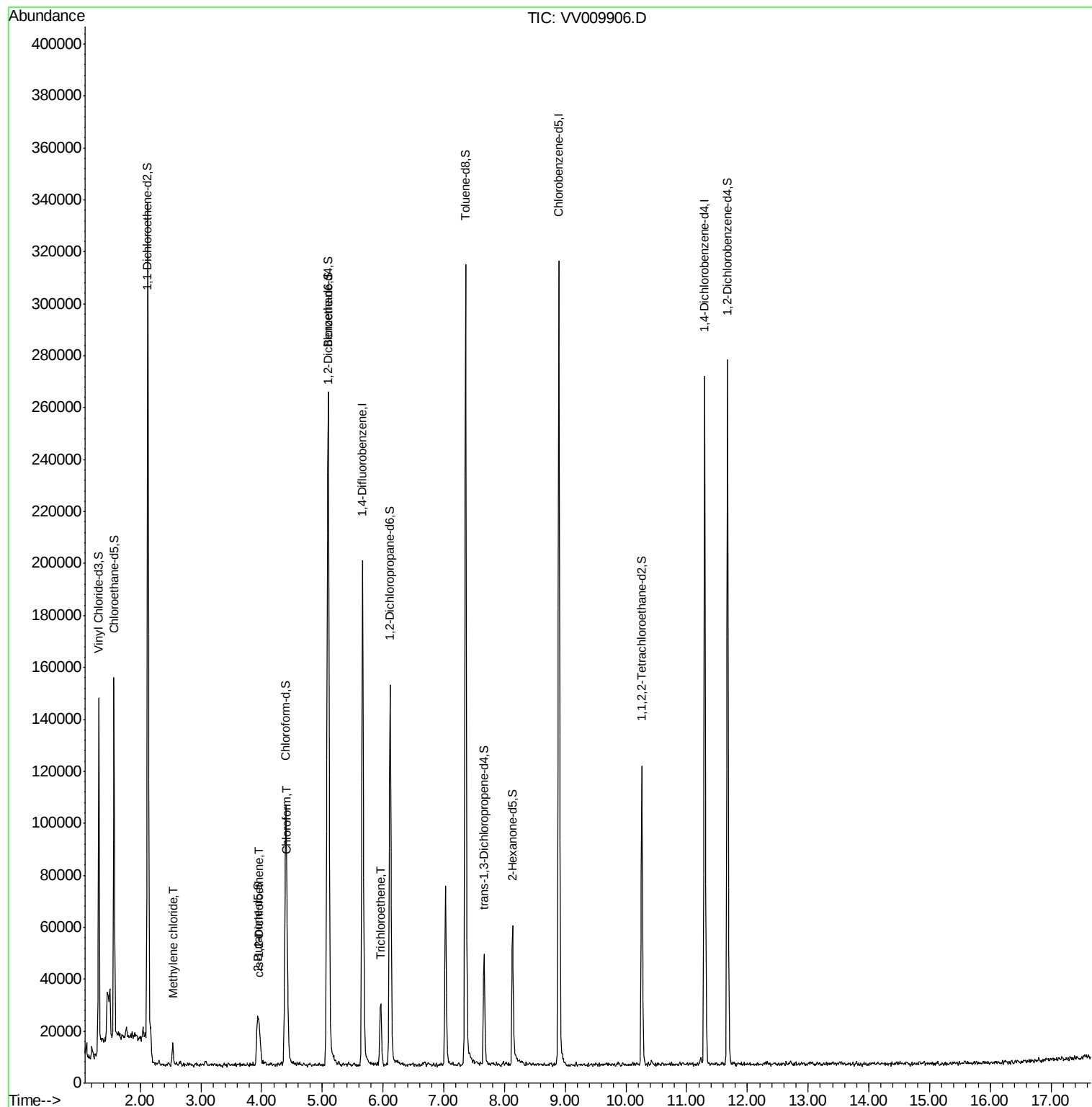
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV032619\
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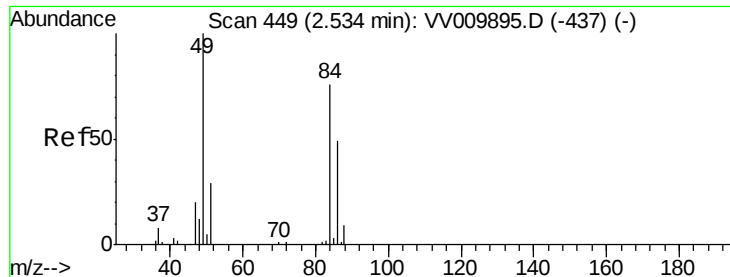
Instrument :
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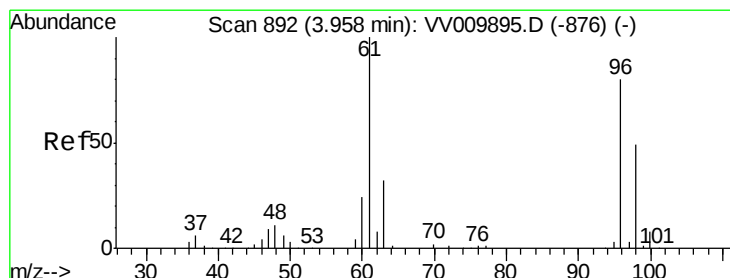
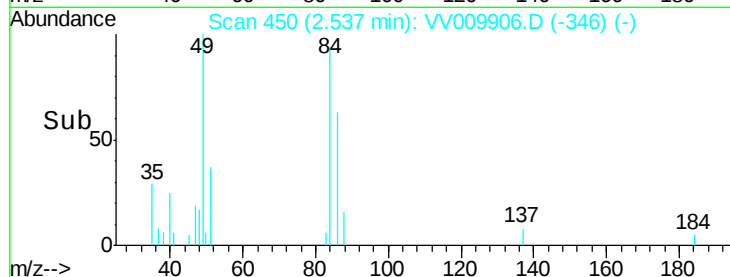
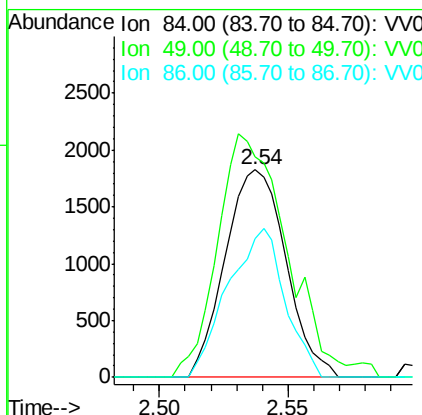
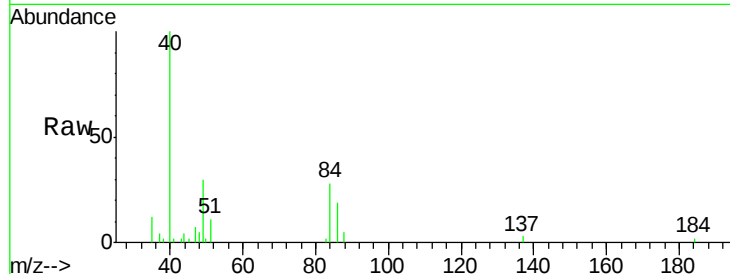
#16
Methylene chloride
Concen: 1.184 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009906.D
Acq: 26 Mar 2019 20:46

Instrument :
MSVOA_V
ClientSampled :
BF0J7

Tgt Ion	Ratio	Lower	Upper
84	100		
49	106.4	90.4	167.8
86	66.9	44.0	81.6

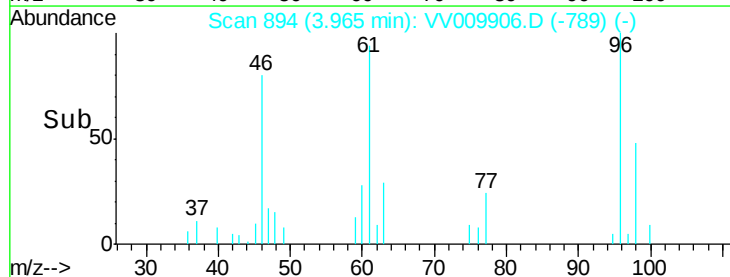
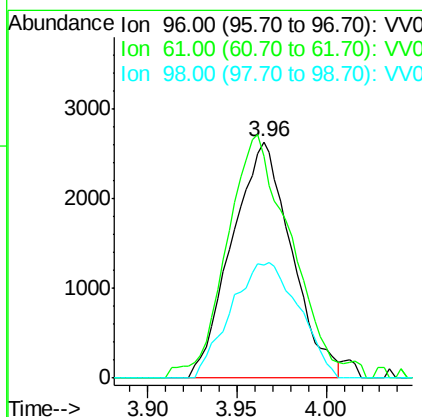
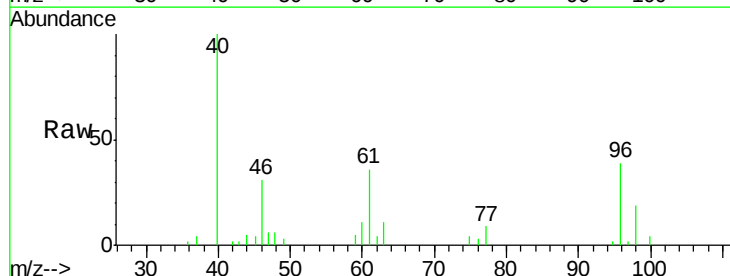
Manual Integrations
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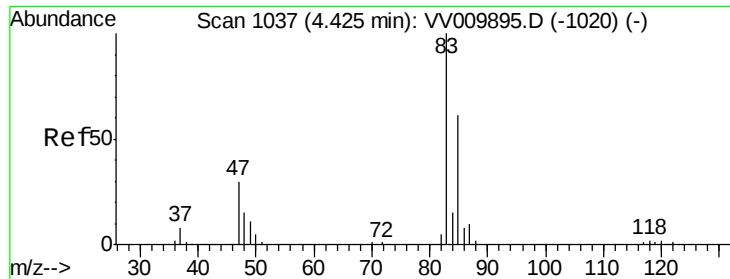
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#22
cis-1,2-Dichloroethene
Concen: 2.752 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.01 min
Lab File: VV009906.D
Acq: 26 Mar 2019 20:46

Tgt Ion	Ratio	Lower	Upper
96	100		
61	93.8	91.4	169.8
98	48.1	48.0	89.2





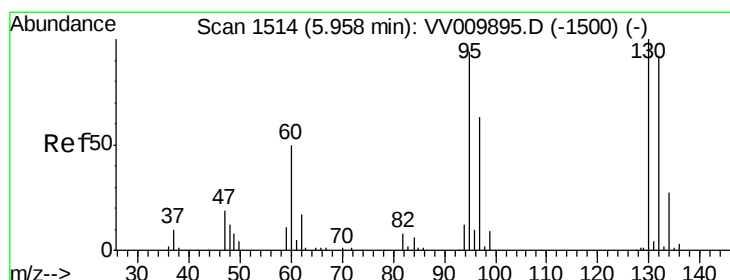
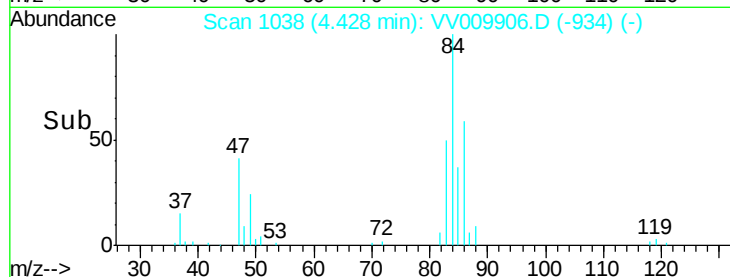
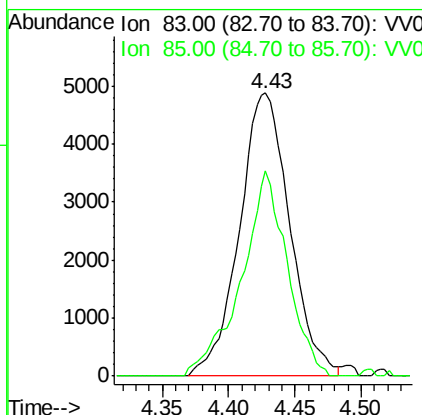
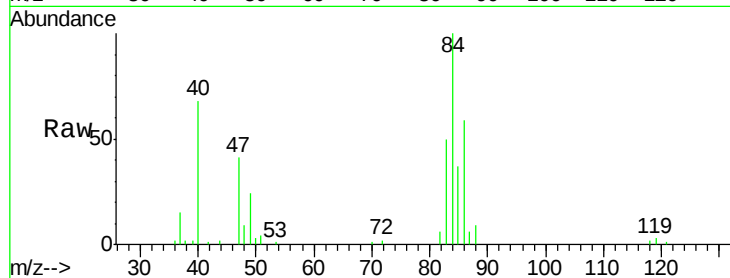
#25
Chloroform
Concen: 3.159 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV009906.D
Acq: 26 Mar 2019 20:46

Instrument :
MSVOA_V
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Tgt Ion: 83 Resp: 12901
Ion Ratio Lower Upper
83 100
85 59.7 46.1 85.7

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#35
Trichloroethene
Concen: 3.185 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV009906.D
Acq: 26 Mar 2019 20:46

Tgt Ion: 95 Resp: 7269
Ion Ratio Lower Upper
95 100
97 29.2 46.3 85.9#
132 98.8 69.3 128.7
130 95.0 69.5 129.1

