

Data File : VV009943.D
Acq On : 27 Mar 2019 23:03
Operator : SY/MD
Sample : K2128-05
Misc : 6.16G/10mL/MSVOA_V/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0M0

Manual Integrations
APPROVED

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3/29/2019 1:12:46 PM

Quant Time: Mar 28 08:56:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 07:17:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	152728	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	152595	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61523	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	68742	22.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.72%
7) Chloroethane-d5	1.57	69	79020	23.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.44%
10) 1,1-Dichloroethene-d2	2.13	63	152113m	17.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.76%
20) 2-Butanone-d5	3.93	46	27419	47.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.96%
24) Chloroform-d	4.40	84	76455	19.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.60%
26) 1,2-Dichloroethane-d4	5.08	65	60639	25.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.60%
29) Benzene-d6	5.10	84	201788	25.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.72%
33) 1,2-Dichloropropane-d6	6.12	67	63268	26.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.96%
37) Toluene-d8	7.36	98	178434	23.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.08%
38) trans-1,3-Dichloropropene-	7.66	79	19071	19.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.52%
39) 2-Hexanone-d5	8.13	63	20154	46.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.10%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	52115	22.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.80%
61) 1,2-Dichlorobenzene-d4	11.67	152	62041	26.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.96%

Target Compounds					Qvalue
16) Methylene chloride	2.53	84	4948	1.967 ug/L	95
25) Chloroform	4.43	83	23354	5.772 ug/L	96
35) Trichloroethene	5.96	95	2481	1.122 ug/L #	80

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

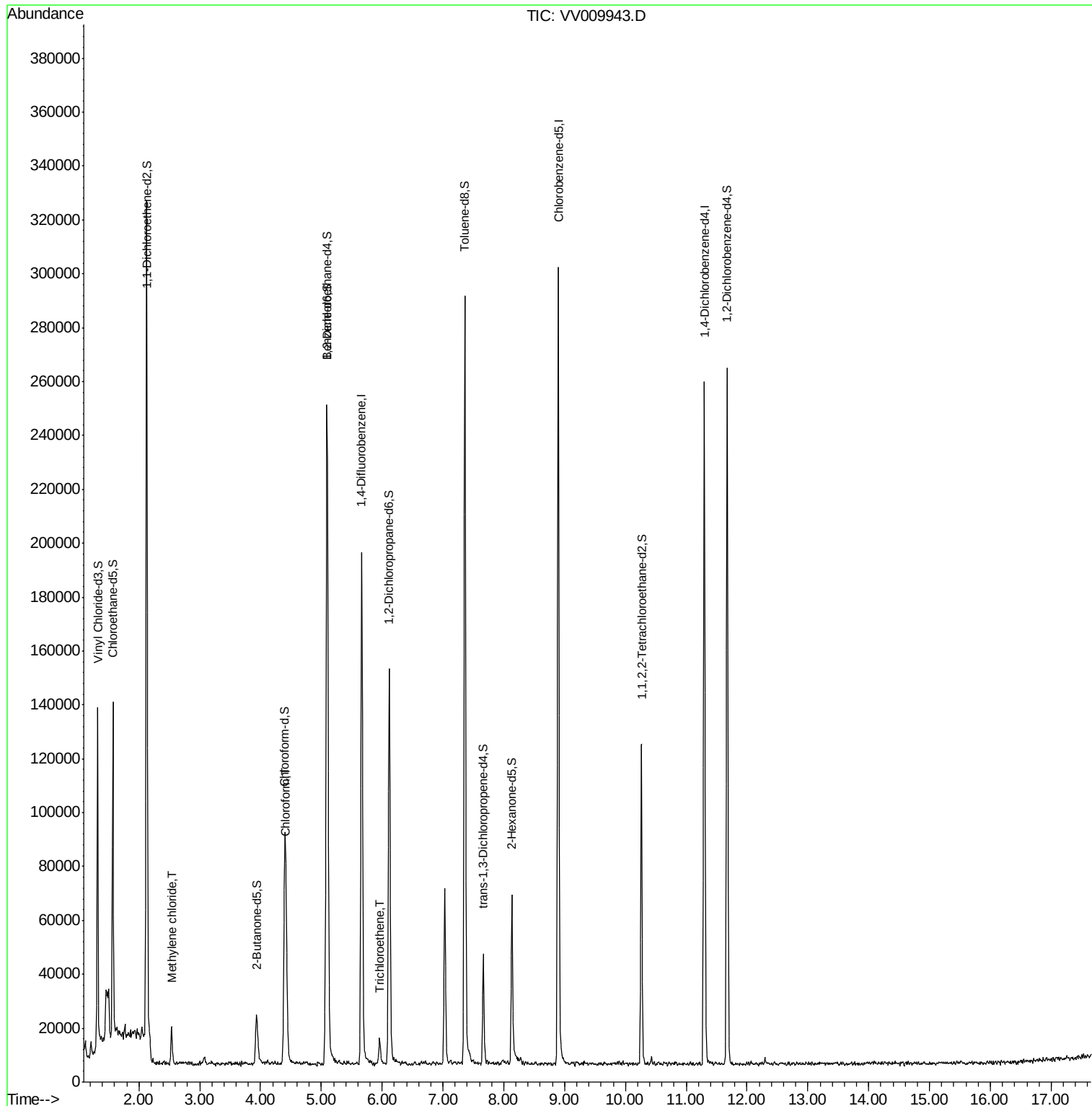
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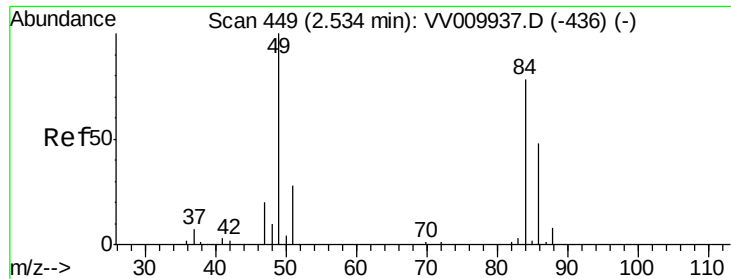
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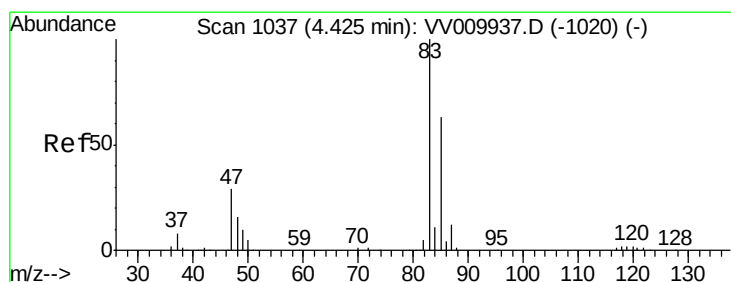
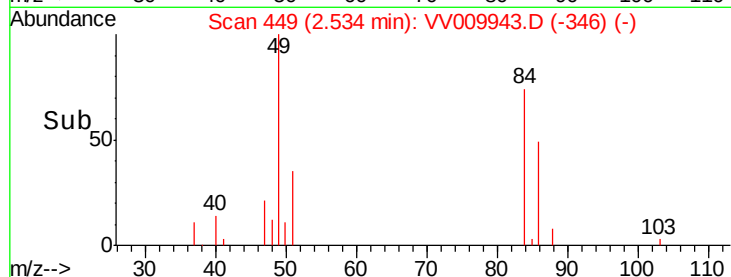
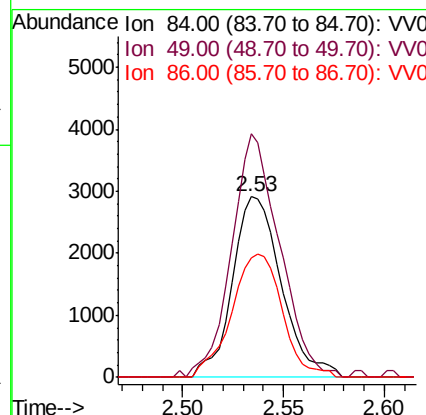
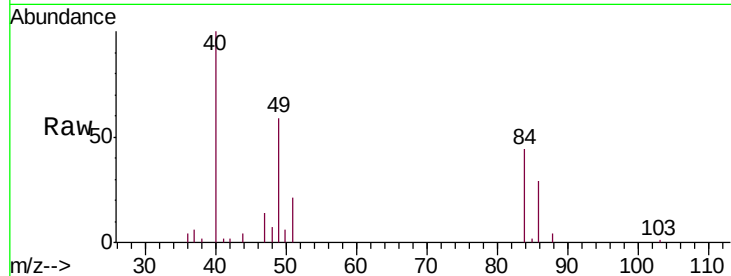
#16
Methylene chloride
Concen: 1.967 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV009943.D
Acq: 27 Mar 2019 23:03

Instrument :
MSVOA_V
ClientSampled :
BF0M0

Tgt Ion	Ratio	Lower	Upper
84	100		
49	134.7	90.4	167.8
86	66.3	44.0	81.6

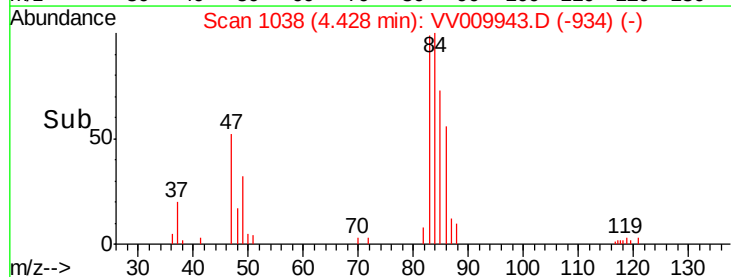
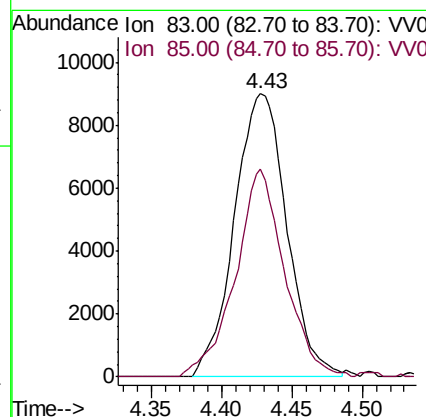
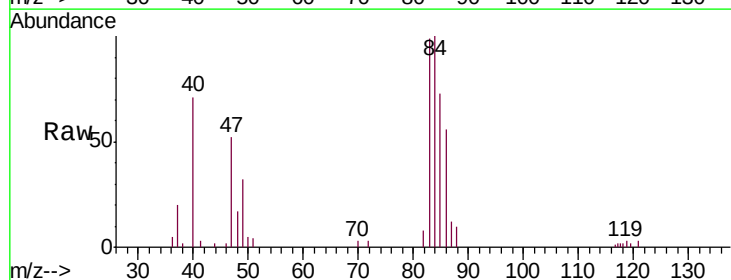
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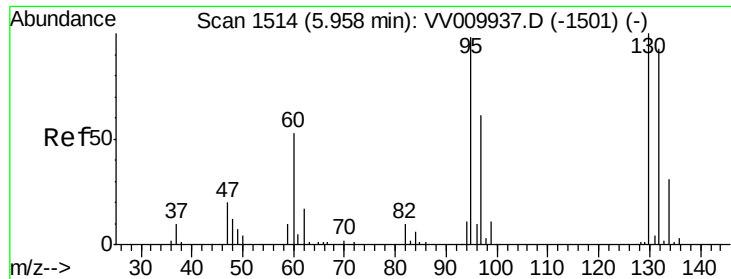
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#25
Chloroform
Concen: 5.772 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV009943.D
Acq: 27 Mar 2019 23:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.8	46.1	85.7





#35
 Trichloroethene
 Concen: 1.122 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: VV009943.D
 Acq: 27 Mar 2019 23:03

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0M0

Tgt Ion	Ratio	Lower	Upper
95	100		
97	82.1	46.3	85.9
132	66.7	69.3	128.7#
130	106.0	69.5	129.1

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