

Data File : VV009948.D
Acq On : 28 Mar 2019 01:13
Operator : SY/MD
Sample : K2101-21
Misc : 5.29G/10mL/MSVOA_V/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0LO

Manual Integrations
APPROVED

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3/29/2019 1:13:12 PM

Quant Time: Mar 29 03:48:27 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	5.66	114	164175	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	143061	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	45474	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	76941	23.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.36%
7) Chloroethane-d5	1.55	69	90715	25.21	ug/L	-0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.84%
10) 1,1-Dichloroethene-d2	2.11	63	121833	13.37	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.48%
20) 2-Butanone-d5	3.92	46	31752	51.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.30%
24) Chloroform-d	4.39	84	76123	18.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	72.80%
26) 1,2-Dichloroethane-d4	5.07	65	65613	26.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.28%
29) Benzene-d6	5.09	84	220026	29.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	117.16%
33) 1,2-Dichloropropane-d6	6.11	67	68232	31.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.16%#
37) Toluene-d8	7.36	98	180076	25.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.28%
38) trans-1,3-Dichloropropene-	7.66	79	20236	22.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.04%
39) 2-Hexanone-d5	8.13	63	20990	51.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.32%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	49978	22.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.88%
61) 1,2-Dichlorobenzene-d4	11.67	152	43278	25.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.00%

Target Compounds					Qvalue
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	7012m	1.481 ug/L	
16) Methylene chloride	2.53	84	6479	2.396 ug/L	97
35) Trichloroethene	5.96	95	8282m	3.997 ug/L	

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

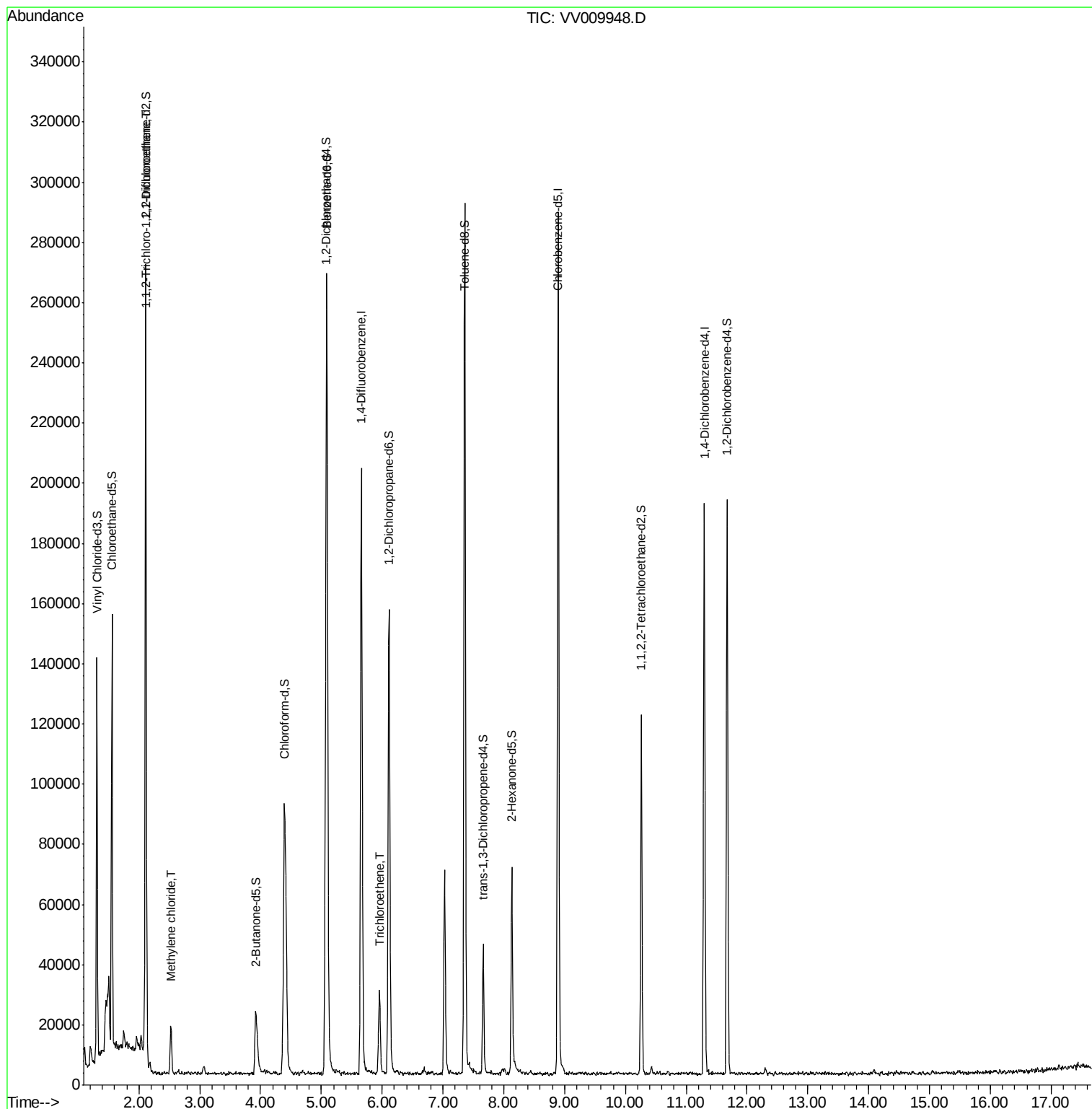
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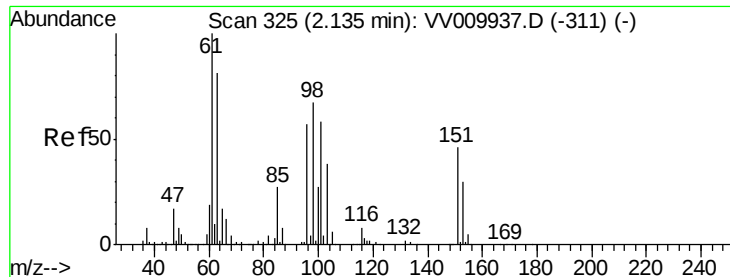
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#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.481 ug/L m

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV009948.D

Acq: 28 Mar 2019 01:13

Instrument :

MSVOA_V

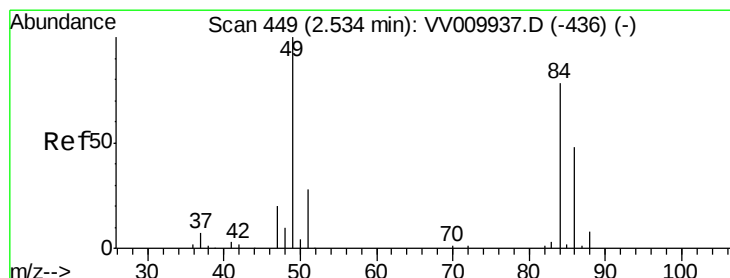
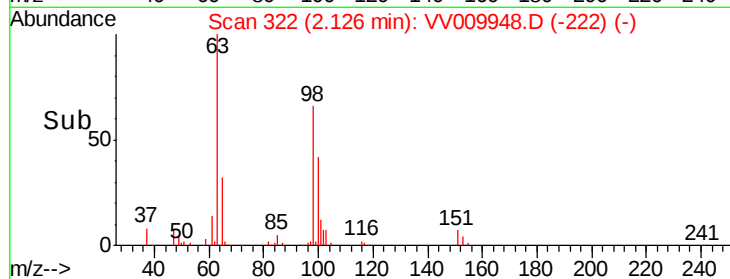
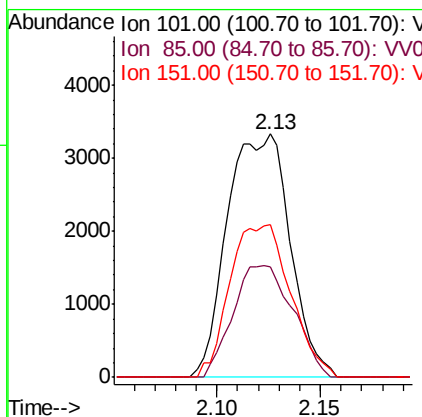
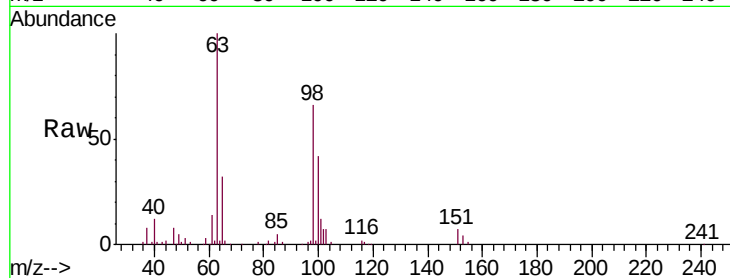
ClientSampled :

BF0L0

Tgt Ion:	101	Resp:	7012
Ion Ratio	Lower	Upper	
101	100		
85	43.9	36.9	55.3
151	30.0	63.6	95.4#

Manual Integrations
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#16

Methylene chloride

Concen: 2.396 ug/L

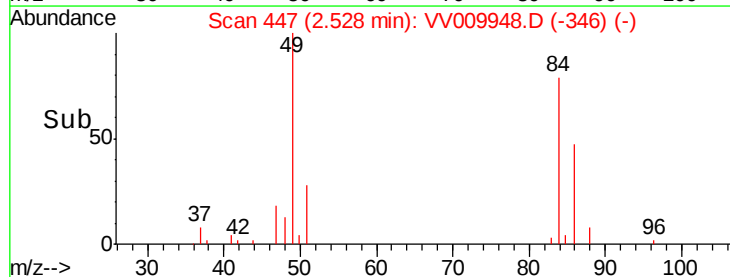
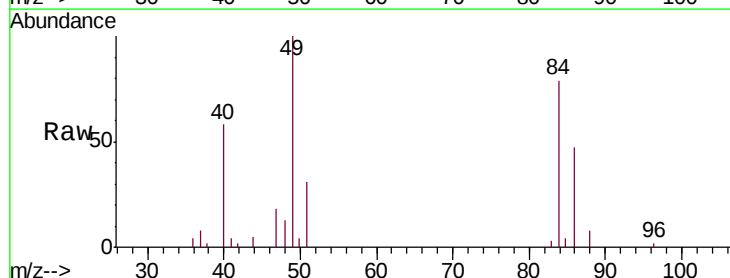
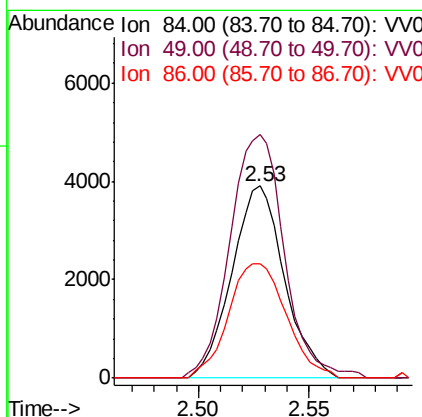
RT: 2.53 min Scan# 447

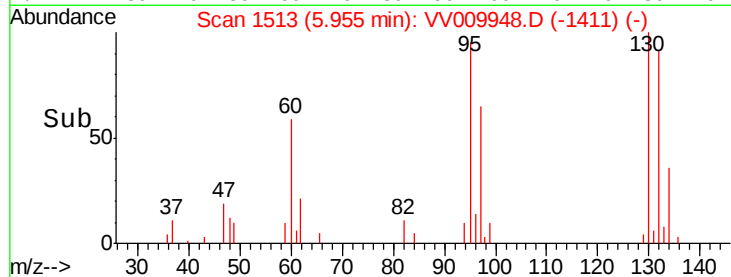
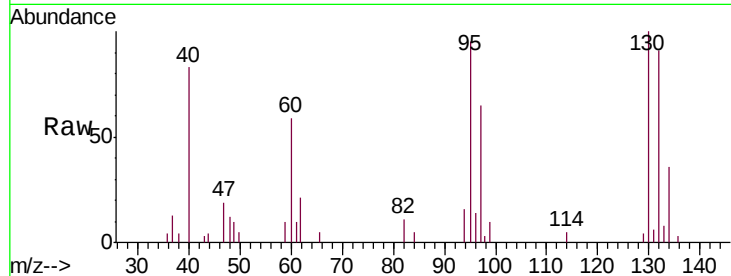
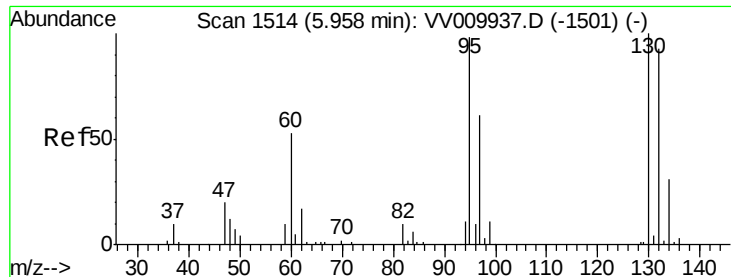
Delta R.T. -0.01 min

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Tgt Ion:	84	Resp:	6479
Ion Ratio	Lower	Upper	
84	100		
49	126.8	90.4	167.8
86	59.6	44.0	81.6





#35

Trichloroethene

Concen: 3.997 ug/L m

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

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Tgt Ion:	95	Resp:	8282
Ion	Ratio	Lower	Upper
95	100		
97	67.7	46.3	85.9
132	101.1	69.3	128.7
130	103.9	69.5	129.1

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