

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010419\
 Data File : VV009174.D
 Acq On : 04 Jan 2019 22:43
 Operator : SY/MD
 Sample : K1051-07
 Misc : 6.58 G/10ML/MSVOA V/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BE9X5

Manual Integrations
 APPROVED

MMDadoda
 1/8/2019 12:00:19 AM

Quant Time: Jan 05 06:07:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 05 05:00:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	234387	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	214599	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	101318	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31821	19.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.40%
7) Chloroethane-d5	1.58	69	32979	21.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.84%
10) 1,1-Dichloroethene-d2	2.13	63	76247	14.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.92%
20) 2-Butanone-d5	3.96	46	32899m	29.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.34%
24) Chloroform-d	4.40	84	108055	21.89	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.56%
26) 1,2-Dichloroethane-d4	5.08	65	58968	22.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.32%
29) Benzene-d6	5.10	84	218735	22.88	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.52%
33) 1,2-Dichloropropane-d6	6.12	67	64772	23.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.52%
37) Toluene-d8	7.36	98	196509	21.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.16%
38) trans-1,3-Dichloropropene-	7.67	79	26655	20.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.96%
39) 2-Hexanone-d5	8.14	63	20130	31.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.22%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	57864	19.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.84%
61) 1,2-Dichlorobenzene-d4	11.68	152	78706	22.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.92%

Target Compounds					Ovalue
13) Acetone	2.22	43	6794	4.250 ug/L	85
16) Methylene chloride	2.54	84	22618	6.459 ug/L	97
35) Trichloroethene	5.96	95	12268	3.691 ug/L	96

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

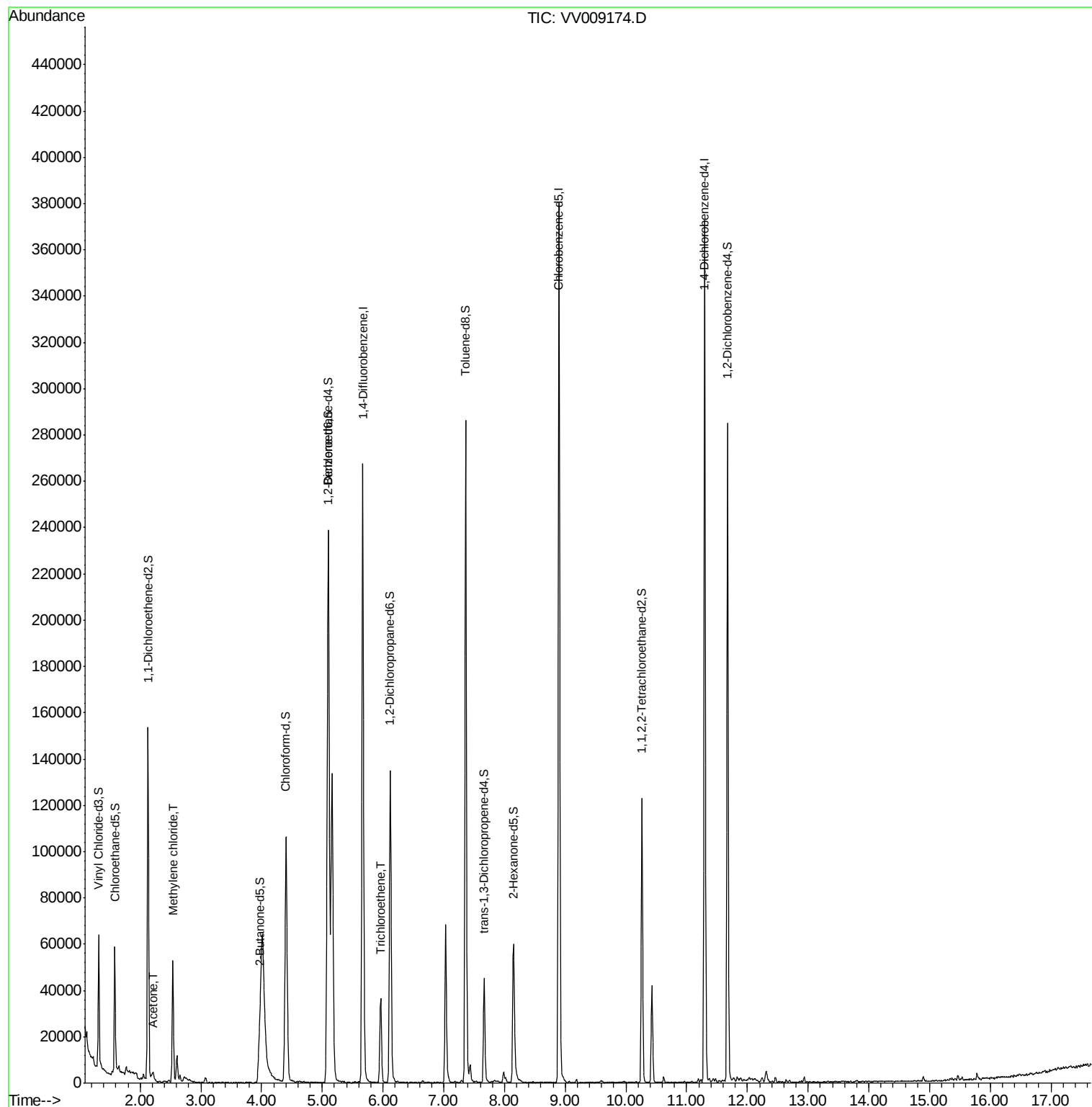
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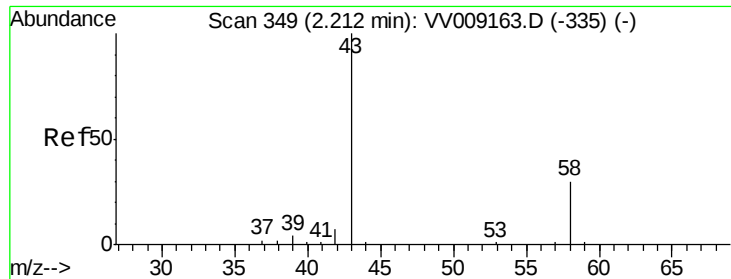
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#13

Acetone

Concen: 4.250 ug/L

RT: 2.22 min Scan# 350

Delta R.T. 0.00 min

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Acq: 04 Jan 2019 22:43

Instrument :

MSVOA_V

ClientSampleId :

BE9X5

Tot Ion: 43 Resp: 6794

Ion Ratio Lower Upper

43 100

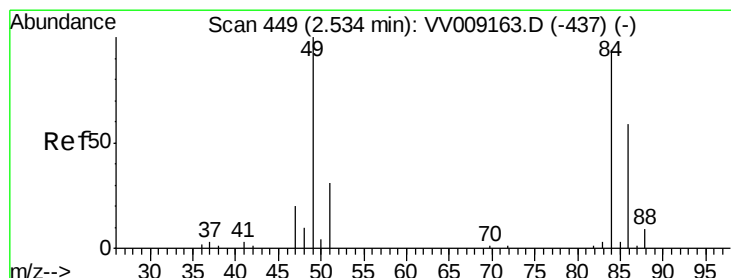
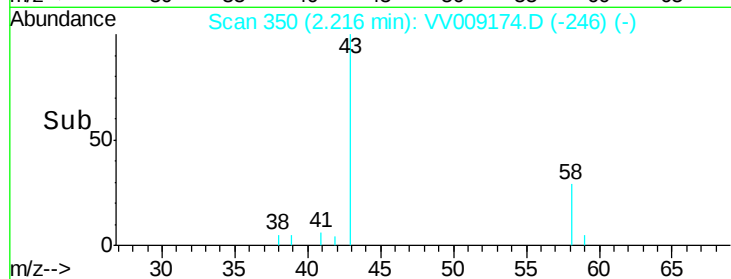
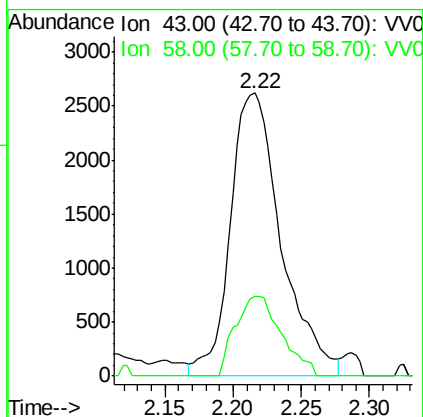
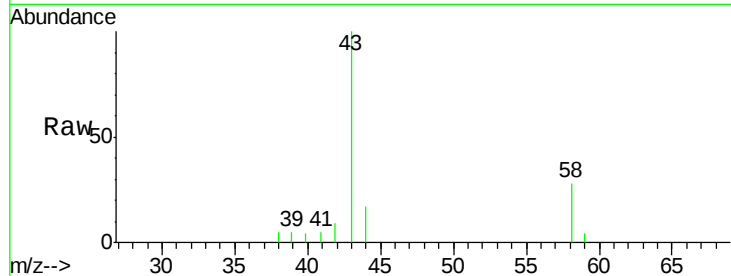
58 25.1 0.0 67.0

Manual Integrations

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#16

Methylene chloride

Concen: 6.459 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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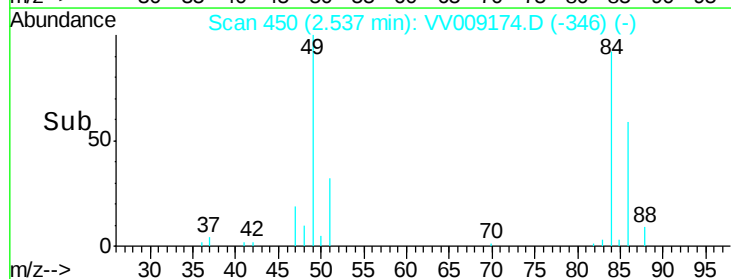
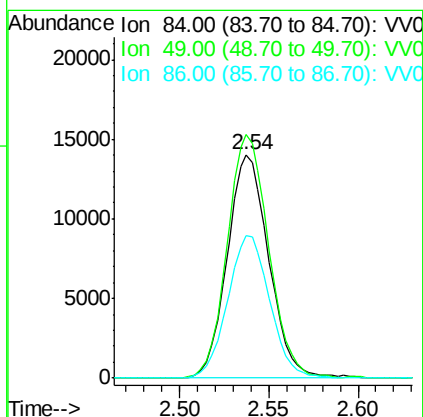
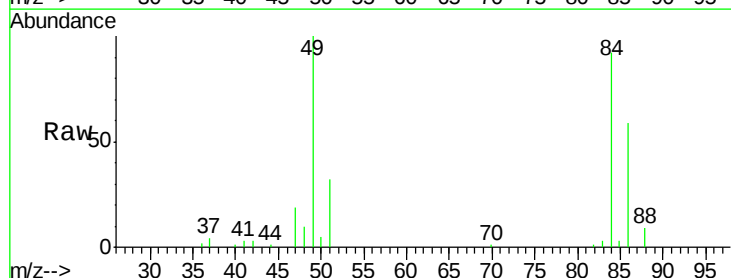
Tgt Ion: 84 Resp: 22618

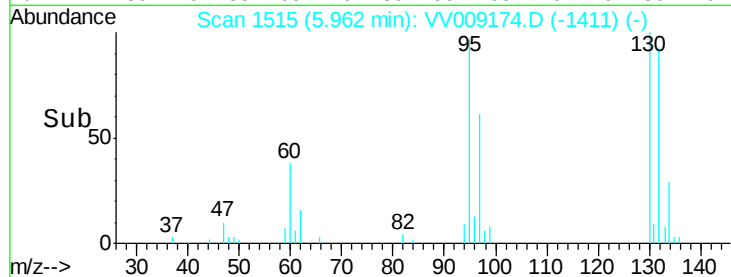
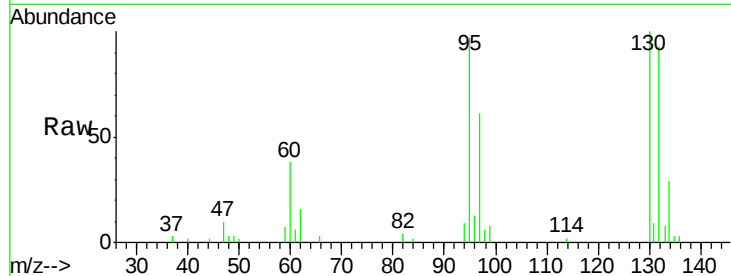
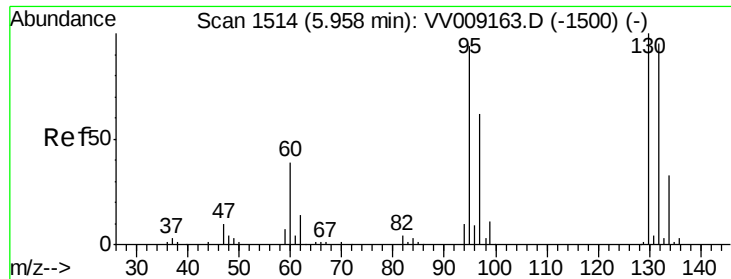
Ion Ratio Lower Upper

84 100

49 108.9 77.6 144.2

86 63.9 47.4 88.0





#35

Trichloroethene

Concen: 3.691 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

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Tot Ion	95	Resp	12268
Ion Ratio	Lower	Upper	
95	100		
97	62.3	46.2	85.8
132	100.0	73.9	137.3
130	107.5	77.0	143.0

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