

Data File : VV009357.D
Acq On : 25 Feb 2019 19:14
Operator : SY/MD
Sample : K1601-07
Misc : 5.47G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF7Y1

Quant Time: Feb 26 02:50:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 26 02:46:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	117707	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	112599	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	49023	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36329	23.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.80%
7) Chloroethane-d5	1.58	69	48892	26.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.56%
10) 1,1-Dichloroethene-d2	2.13	63	76002	19.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.96%
20) 2-Butanone-d5	3.95	46	14715	26.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.70%
24) Chloroform-d	4.40	84	60388	22.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.36%
26) 1,2-Dichloroethane-d4	5.08	65	32334	21.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.28%
29) Benzene-d6	5.10	84	133075	23.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.28%
33) 1,2-Dichloropropane-d6	6.12	67	40137	24.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.60%
37) Toluene-d8	7.36	98	125595	23.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.48%
38) trans-1,3-Dichloropropene-	7.67	79	16244	19.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.12%
39) 2-Hexanone-d5	8.14	63	14221	30.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.52%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	34375	18.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.68%
61) 1,2-Dichlorobenzene-d4	11.68	152	43086	23.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.72%

Target Compounds

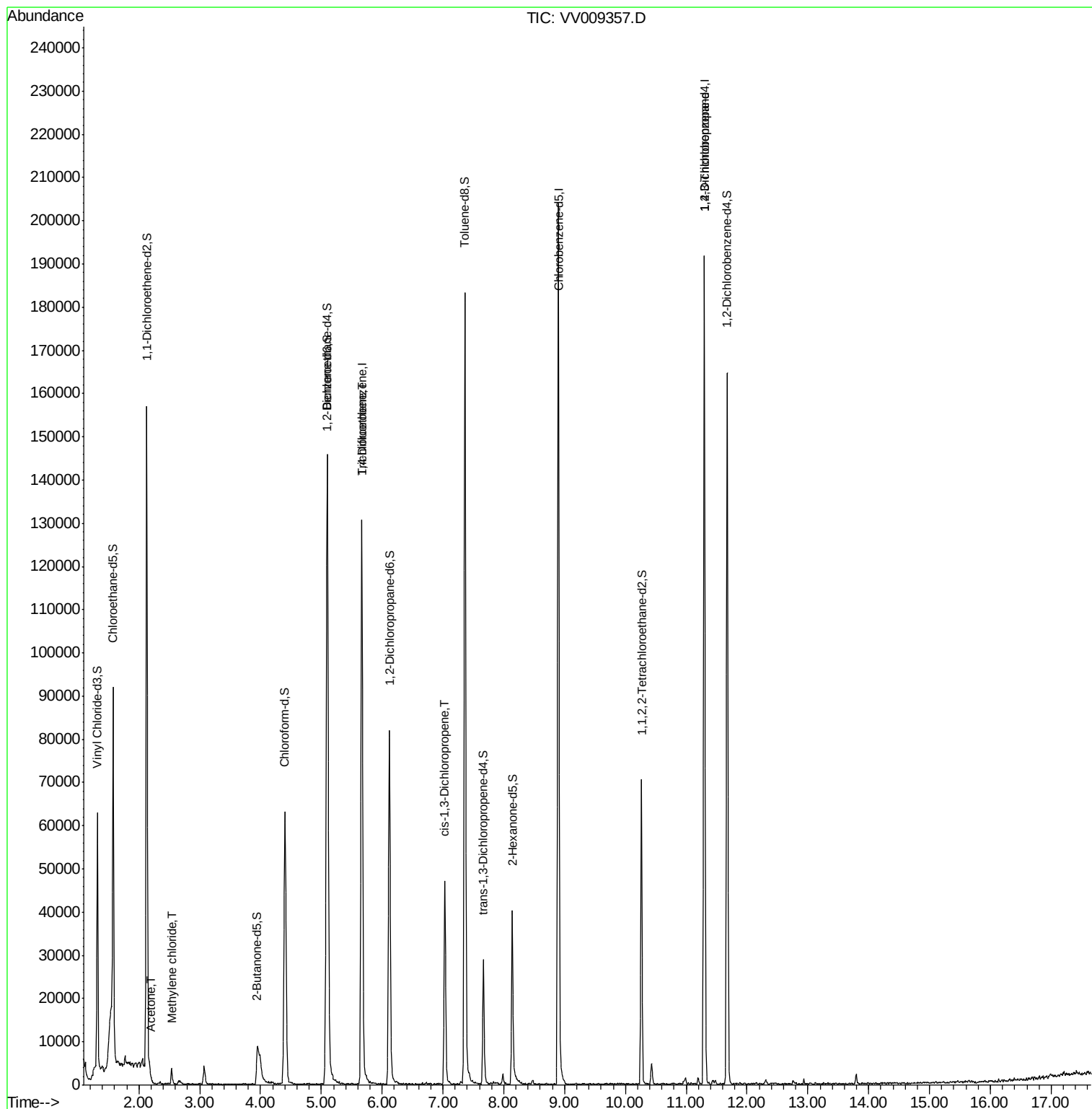
					Qvalue
13) Acetone	2.20	43	1143	2.133 ug/L	58
16) Methylene chloride	2.54	84	1588	0.892 ug/L	89
35) Trichloroethene	5.67	95	3598	2.101 ug/L #	4
42) cis-1,3-Dichloropropene	7.03	75	1261	0.497 ug/L #	43
59) 1,2,3-Trichloropropane	11.30	75	6932	5.152 ug/L	92

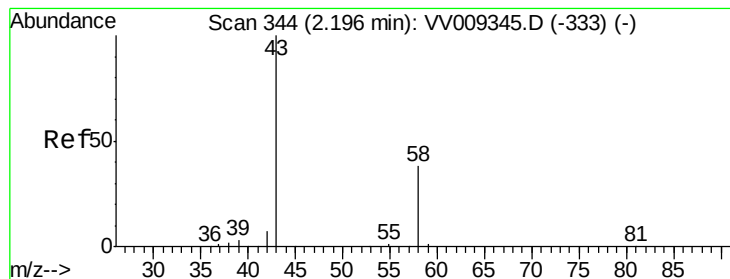
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.133 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

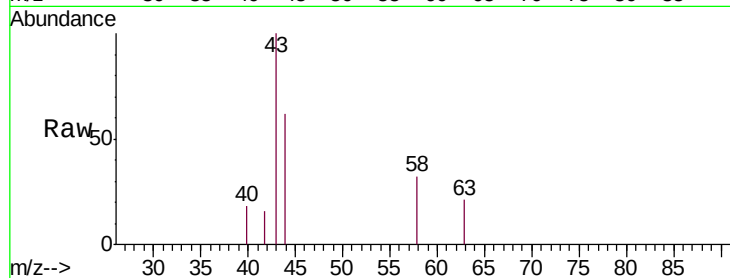
BF7Y1

Tgt Ion: 43 Resp: 1143

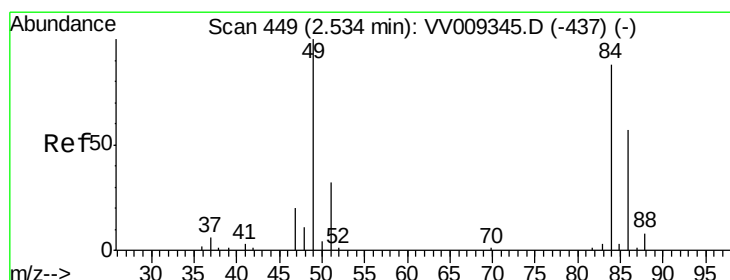
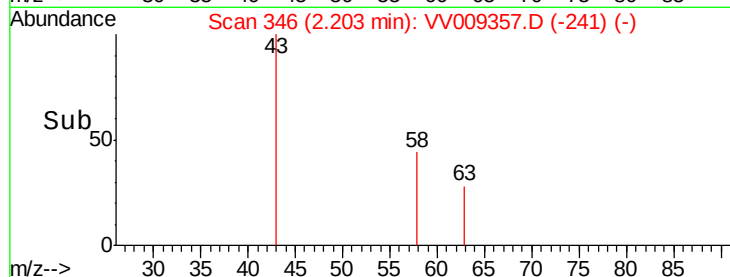
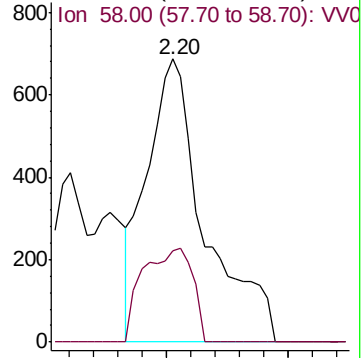
Ion Ratio Lower Upper

43 100

58 11.5 0.0 72.0



Abundance Ion 43.00 (42.70 to 43.70): VV009357.D (-346) (-)



#16

Methylene chloride

Concen: 0.892 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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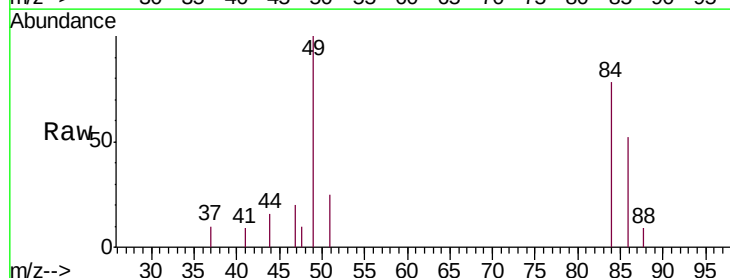
Tgt Ion: 84 Resp: 1588

Ion Ratio Lower Upper

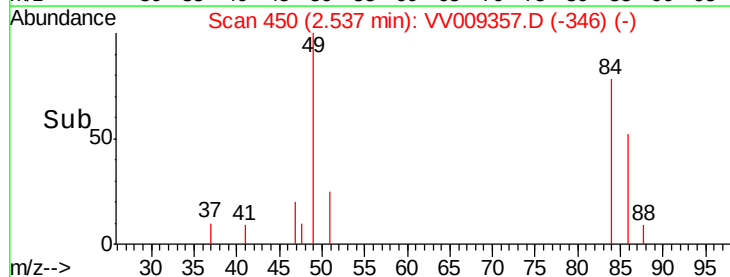
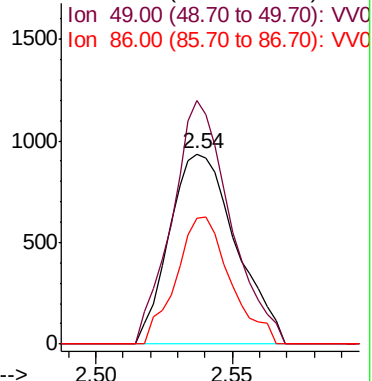
84 100

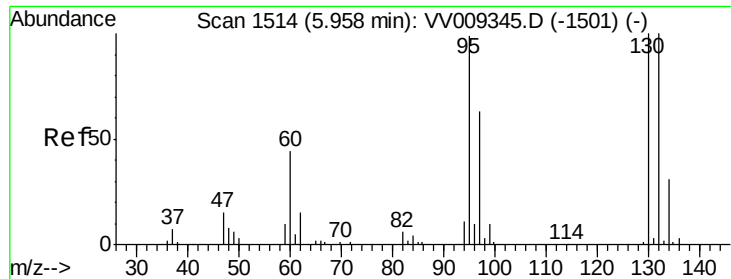
49 127.9 78.7 146.1

86 66.4 44.0 81.6



Abundance Ion 84.00 (83.70 to 84.70): VV009357.D (-346) (-)

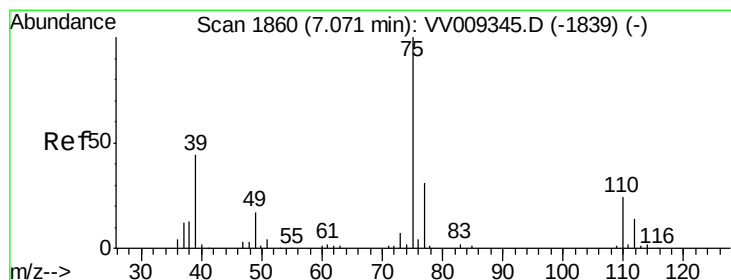
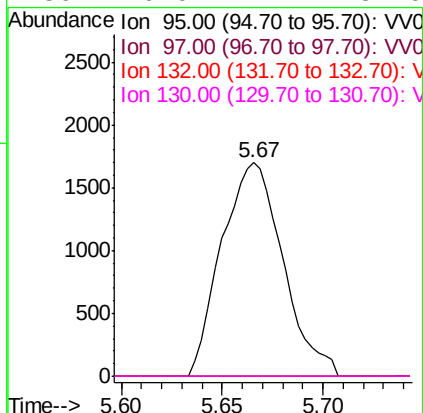
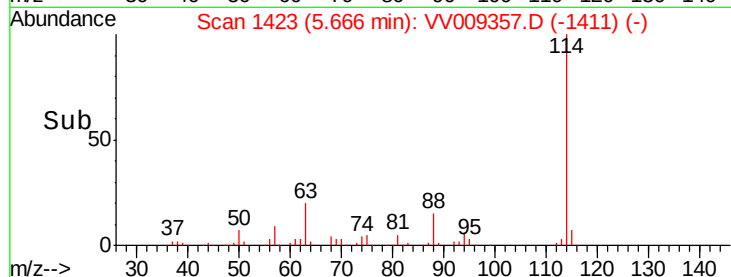
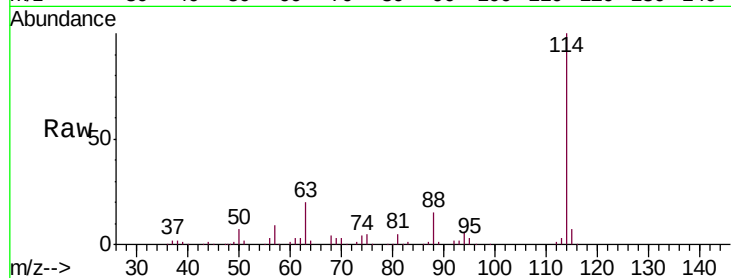




#35
 Trichloroethene
 Concen: 2.101 ug/L
 RT: 5.67 min Scan# 1423
 Delta R.T. -0.29 min
 Lab File: VV009357.D
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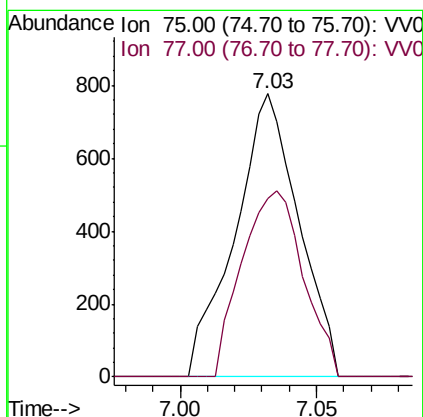
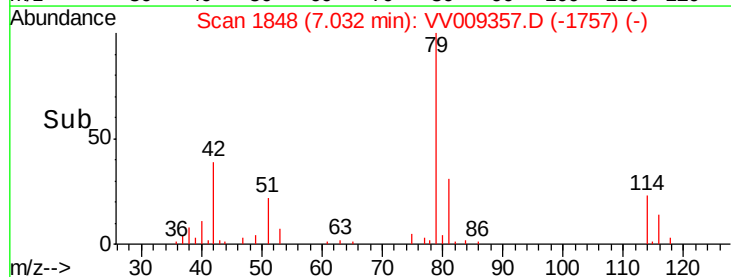
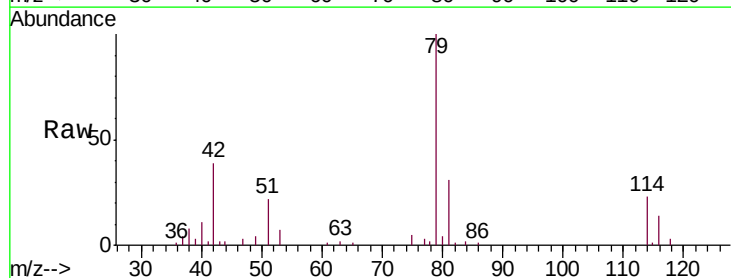
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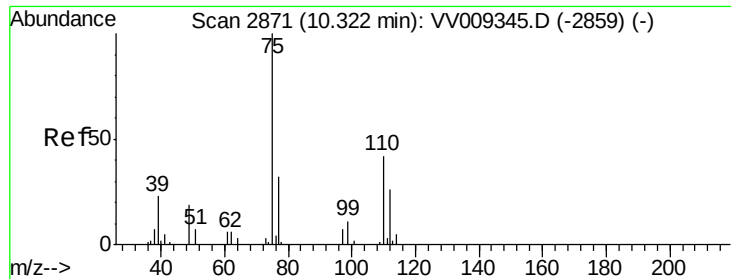
Tgt Ion: 95 Resp: 3598
 Ion Ratio Lower Upper
 95 100
 97 0.0 45.0 83.6#
 132 0.0 68.7 127.5#
 130 0.0 72.2 134.0#



#42
 cis-1,3-Dichloropropene
 Concen: 0.497 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV009357.D
 Acq: 25 Feb 2019 19:14

Tgt Ion: 75 Resp: 1261
 Ion Ratio Lower Upper
 75 100
 77 63.1 22.0 40.8#





#59

1,2,3-Trichloropropane

Concen: 5.152 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV009357.D

Acq: 25 Feb 2019 19:14

Instrument :

MSVOA_V

ClientSampleId :

BF7Y1

Tgt Ion: 75 Resp: 6932

Ion Ratio Lower Upper

75 100

77 37.4 26.3 39.5

