

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040619\
 Data File : VV010156.D
 Acq On : 06 Apr 2019 16:28
 Operator : SY/MD
 Sample : K2259-22
 Misc : 4.93G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETJ39

Quant Time: Apr 07 00:53:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 00:49:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	260532	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	225407	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	73938	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48152	13.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.24%
7) Chloroethane-d5	1.57	69	63629	14.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.76%
10) 1,1-Dichloroethene-d2	2.13	63	106327	12.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.32%
20) 2-Butanone-d5	3.94	46	26929	27.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	54.26%
24) Chloroform-d	4.40	84	125888	19.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.72%
26) 1,2-Dichloroethane-d4	5.08	65	69710	18.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.92%
29) Benzene-d6	5.10	84	255300	21.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.36%
33) 1,2-Dichloropropane-d6	6.12	67	76947	22.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.20%
37) Toluene-d8	7.36	98	226449	20.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.44%
38) trans-1,3-Dichloropropene-	7.67	79	22607	15.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	61.32%
39) 2-Hexanone-d5	8.14	63	18802	27.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	54.36%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	54910	16.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	64.56%
61) 1,2-Dichlorobenzene-d4	11.67	152	56064	19.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.88%

Target Compounds

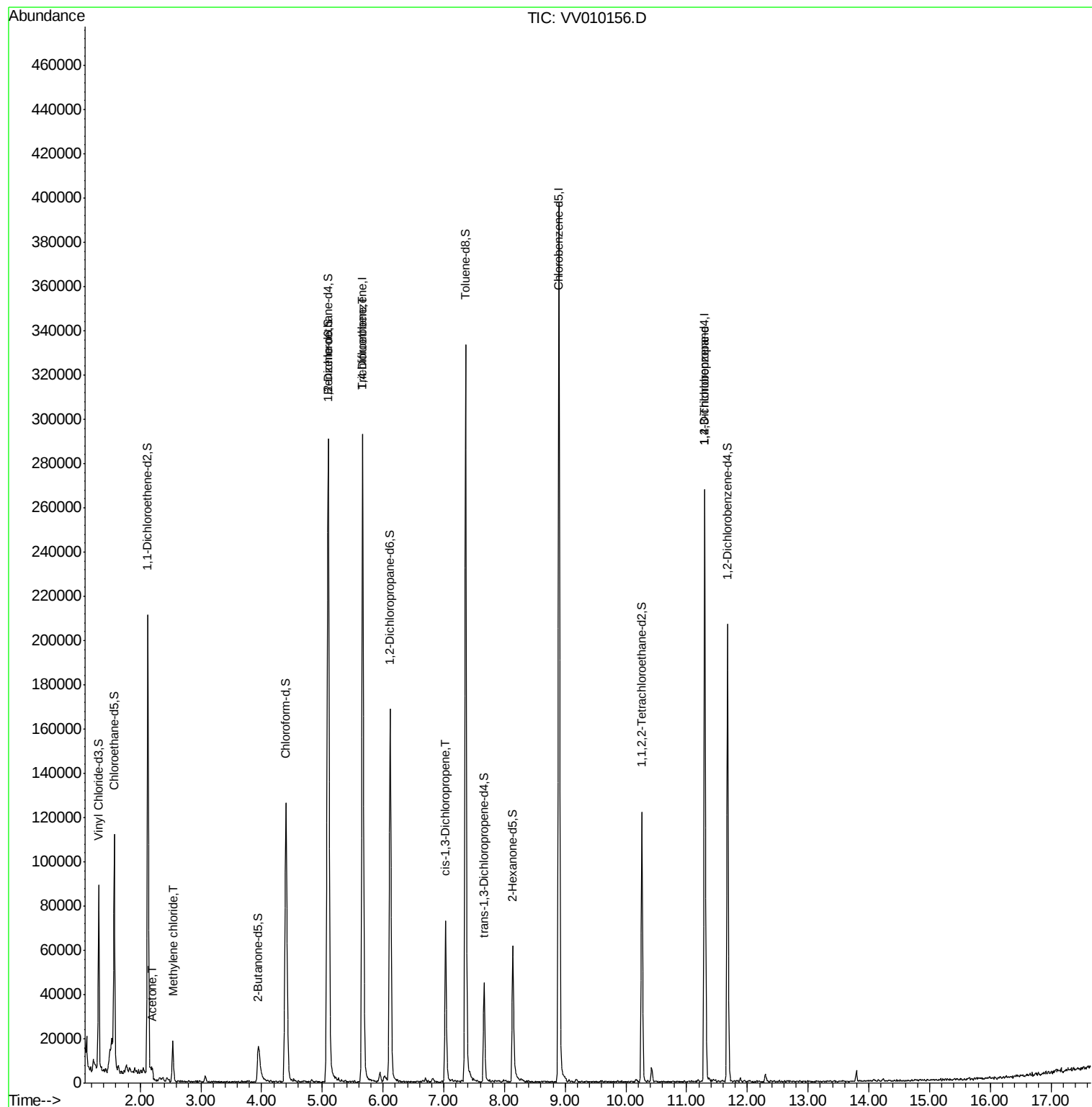
					Qvalue
13) Acetone	2.20	43	4346	4.429 ug/L	99
16) Methylene chloride	2.54	84	7294	1.593 ug/L	96
35) Trichloroethene	5.67	95	6998	2.206 ug/L #	4
42) cis-1,3-Dichloropropene	7.03	75	2130	0.528 ug/L #	74
59) 1,2,3-Trichloropropane	11.30	75	9856	4.333 ug/L	94

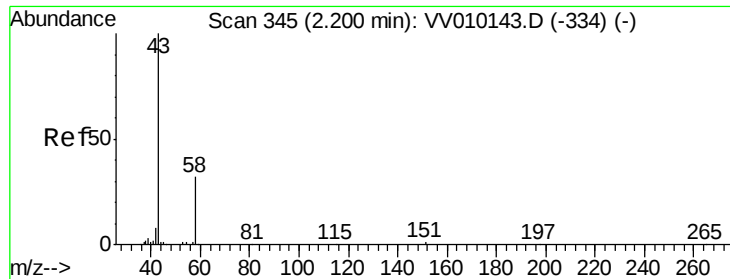
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.429 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.00 min

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ClientSampleId :

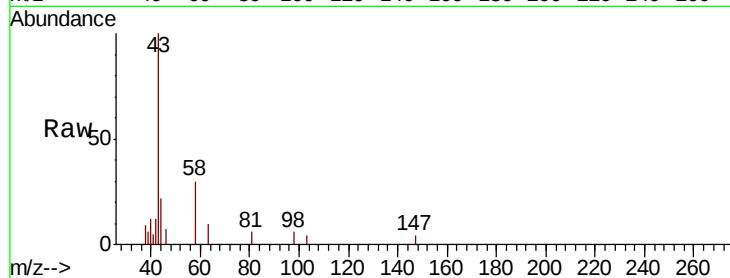
ETJ39

Tgt Ion: 43 Resp: 4346

Ion Ratio Lower Upper

43 100

58 33.0 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VV010143.D (-334) (-)

Ion 58.00 (57.70 to 58.70): VV010143.D (-334) (-)

2.20

2500

2000

1500

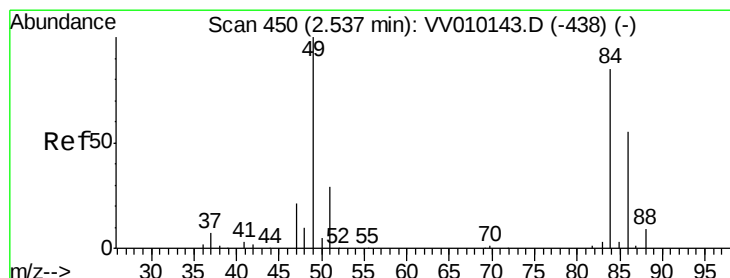
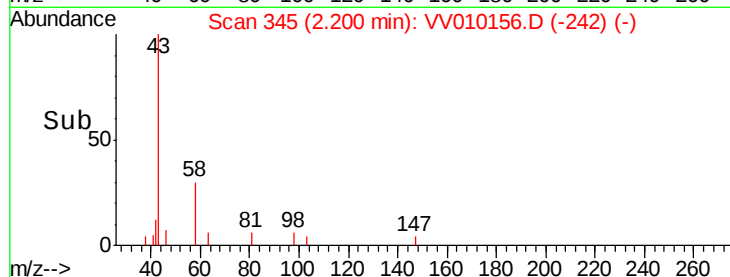
1000

500

0

2.15 2.20 2.25

Time-->



#16

Methylene chloride

Concen: 1.593 ug/L

RT: 2.54 min Scan# 450

Delta R.T. -0.00 min

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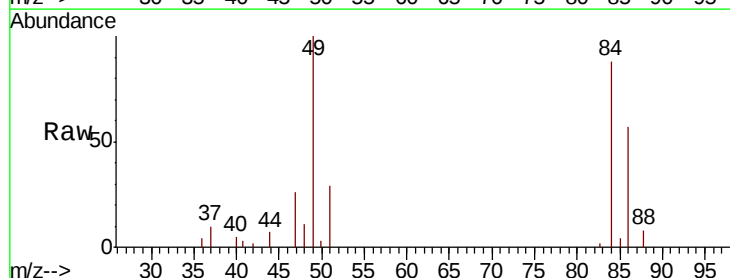
Tgt Ion: 84 Resp: 7294

Ion Ratio Lower Upper

84 100

49 113.7 84.3 156.5

86 64.6 45.4 84.2



Abundance Ion 84.00 (83.70 to 84.70): VV010143.D (-438) (-)

Ion 49.00 (48.70 to 49.70): VV010143.D (-438) (-)

Ion 86.00 (85.70 to 86.70): VV010143.D (-438) (-)

2.54

6000

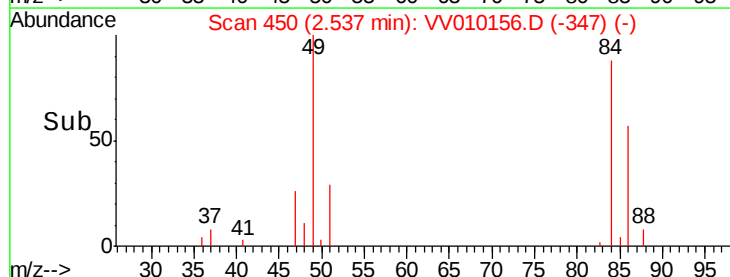
4000

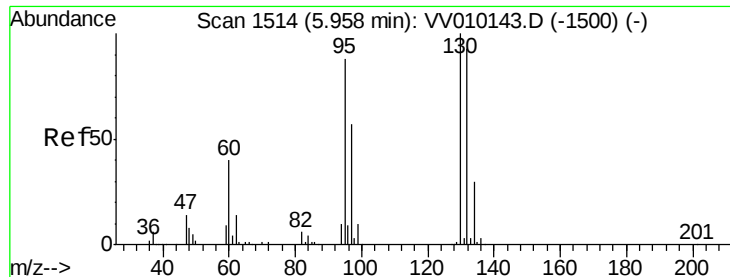
2000

0

2.50 2.55 2.60

Time-->





#35

Trichloroethene

Concen: 2.206 ug/L

RT: 5.67 min Scan# 1423

Delta R.T. -0.29 min

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Instrument :

MSVOA_V

ClientSampleId :

ETJ39

Tgt Ion: 95 Resp: 6998

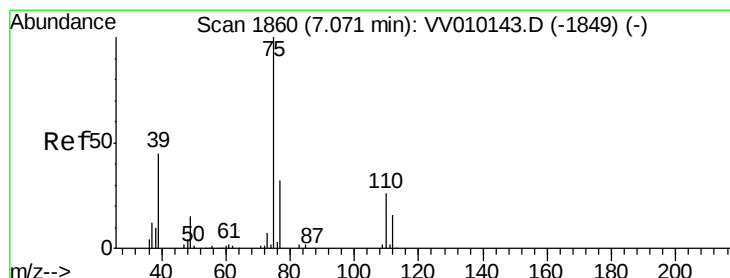
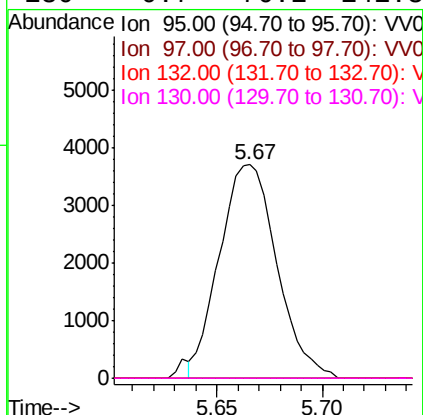
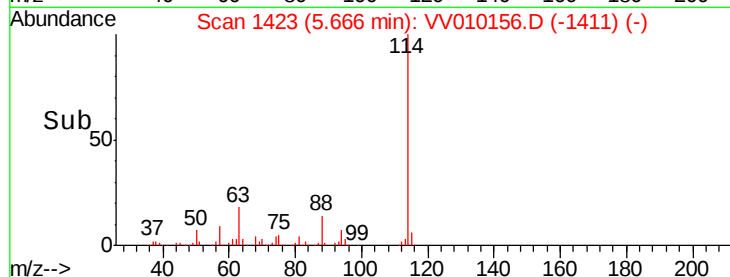
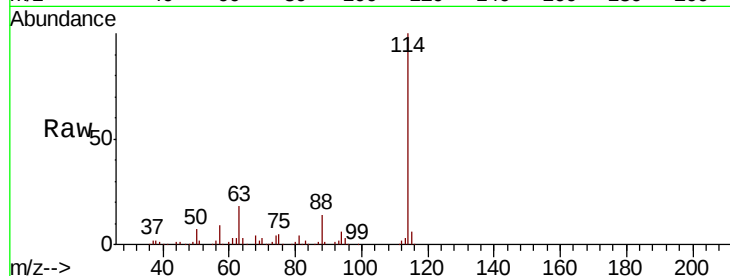
Ion Ratio Lower Upper

95 100

97 1.0 45.8 85.2#

132 1.0 70.6 131.0#

130 0.7 76.1 141.3#



#42

cis-1,3-Dichloropropene

Concen: 0.528 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

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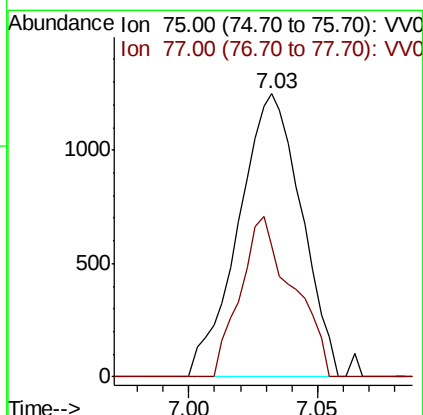
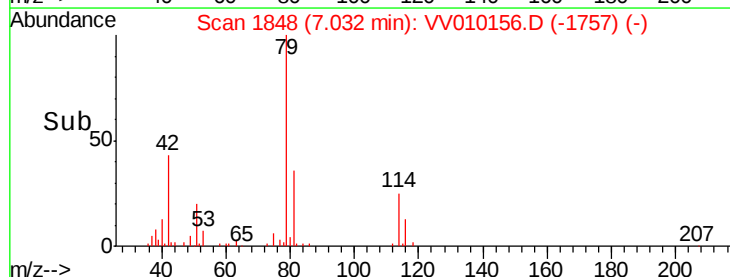
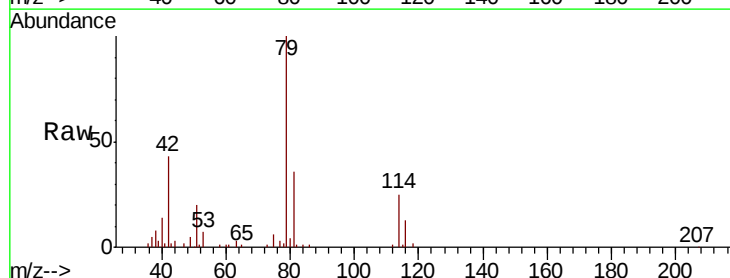
Acq: 06 Apr 2019 16:28

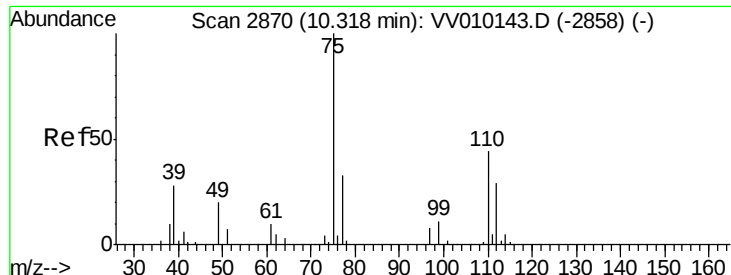
Tgt Ion: 75 Resp: 2130

Ion Ratio Lower Upper

75 100

77 46.2 22.1 41.1#





#59

1,2,3-Trichloropropane

Concen: 4.333 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010156.D

Acq: 06 Apr 2019 16:28

Instrument :

MSVOA_V

ClientSampleId :

ETJ39

Tgt Ion: 75 Resp: 9856

Ion Ratio Lower Upper

75 100

77 35.8 25.8 38.8

