

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
 Data File : VV010251.D
 Acq On : 11 Apr 2019 18:23
 Operator : SY/MD
 Sample : K2255-21
 Misc : 4.63G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFC48

Quant Time: Apr 12 01:29:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 01:24:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	277519	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	248327	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	86910	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57672	18.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.20%
7) Chloroethane-d5	1.57	69	59699	21.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.96%
10) 1,1-Dichloroethene-d2	2.13	63	121978	15.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.00%
20) 2-Butanone-d5	3.93	46	40243	49.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.56%
24) Chloroform-d	4.40	84	148755	23.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.88%
26) 1,2-Dichloroethane-d4	5.08	65	89674	24.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.36%
29) Benzene-d6	5.10	84	300399	25.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.36%
33) 1,2-Dichloropropane-d6	6.12	67	95829	26.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.64%
37) Toluene-d8	7.36	98	280362	24.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.04%
38) trans-1,3-Dichloropropene-	7.66	79	33265	22.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.60%
39) 2-Hexanone-d5	8.13	63	30219	49.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.26%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	78319	24.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.00%
61) 1,2-Dichlorobenzene-d4	11.68	152	83117	25.90	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.60%

Target Compounds

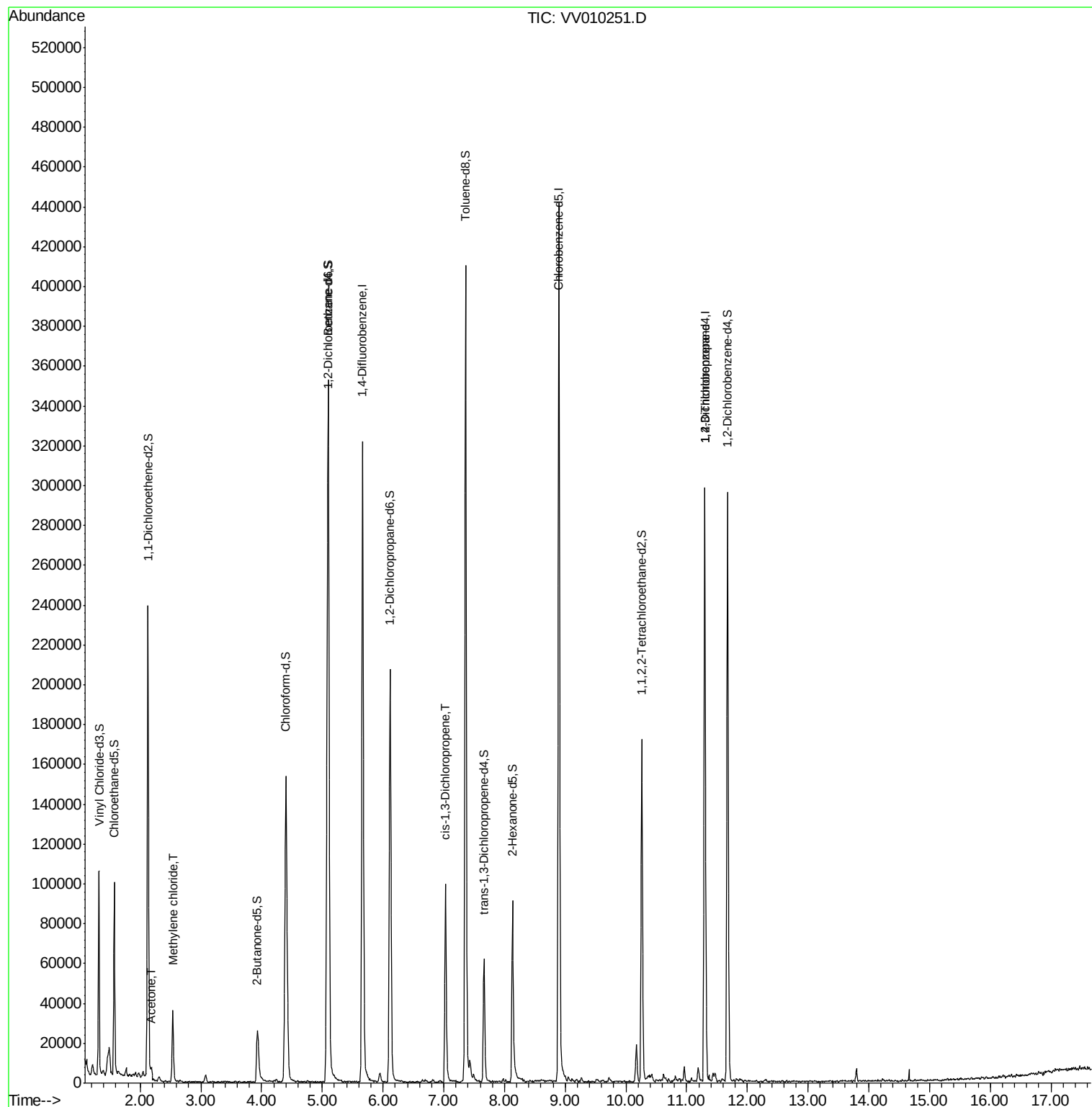
					Qvalue
13) Acetone	2.19	43	4169	4.826 ug/L	78
16) Methylene chloride	2.54	84	15055	2.770 ug/L	98
42) cis-1,3-Dichloropropene	7.03	75	2900	0.621 ug/L #	65
59) 1,2,3-Trichloropropane	11.30	75	10251	4.313 ug/L #	84

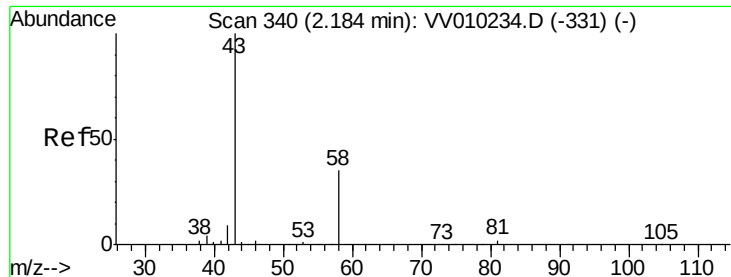
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.826 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

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ClientSampleId :

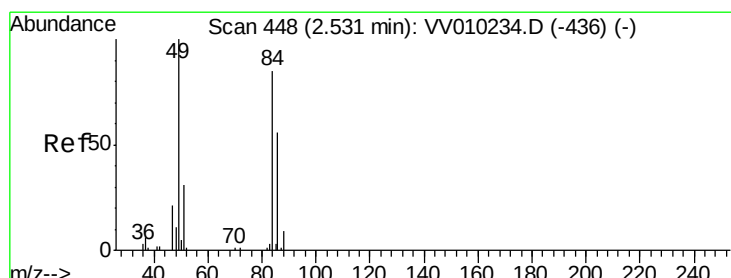
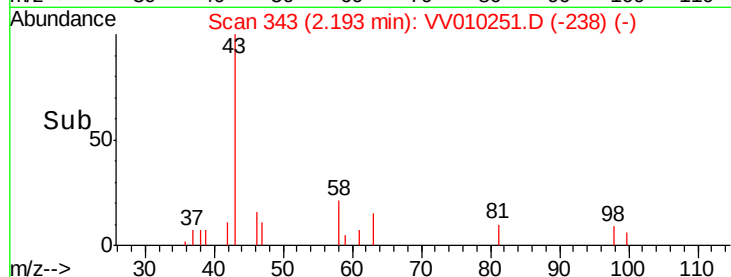
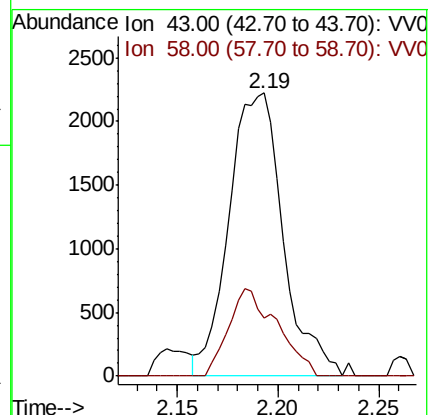
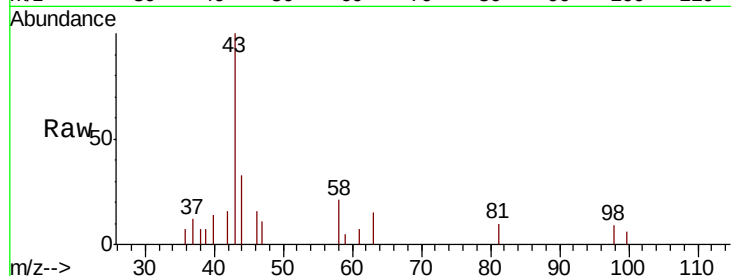
BFC48

Tgt Ion: 43 Resp: 4169

Ion Ratio Lower Upper

43 100

58 18.7 0.0 61.6



#16

Methylene chloride

Concen: 2.770 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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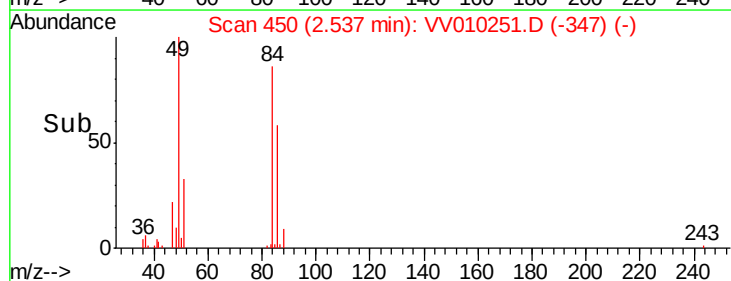
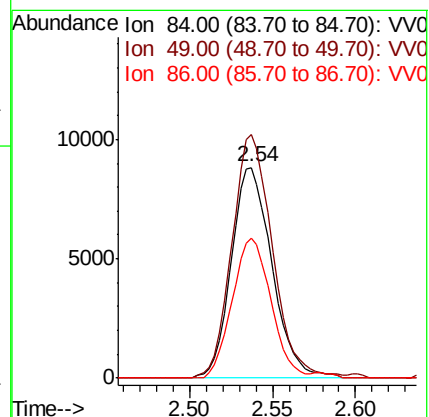
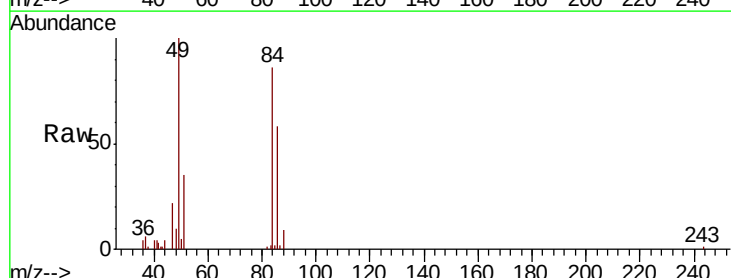
Tgt Ion: 84 Resp: 15055

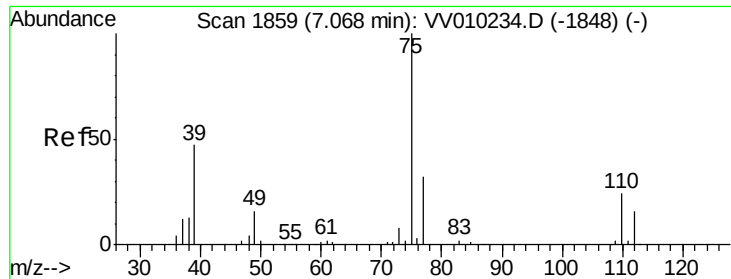
Ion Ratio Lower Upper

84 100

49 115.7 79.9 148.5

86 66.6 44.5 82.7





#42

cis-1,3-Dichloropropene

Concen: 0.621 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

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ClientSampleId :

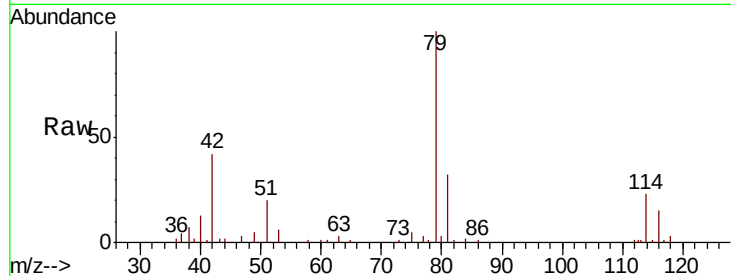
BFC48

Tgt Ion: 75 Resp: 2900

Ion Ratio Lower Upper

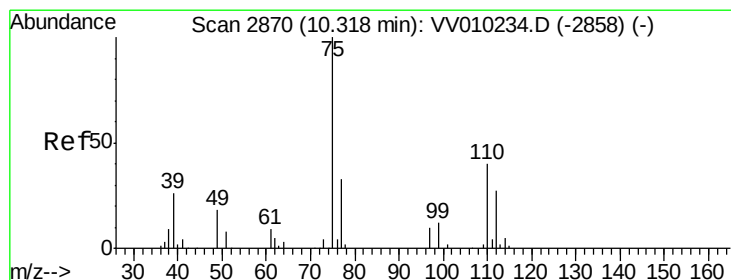
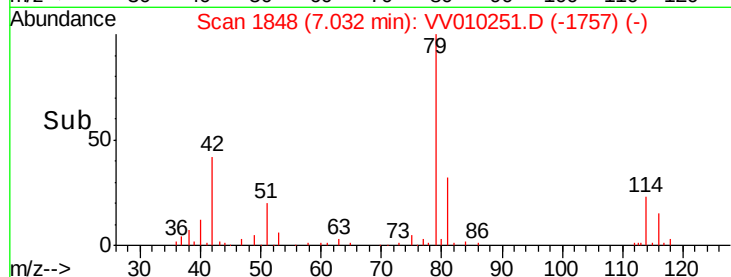
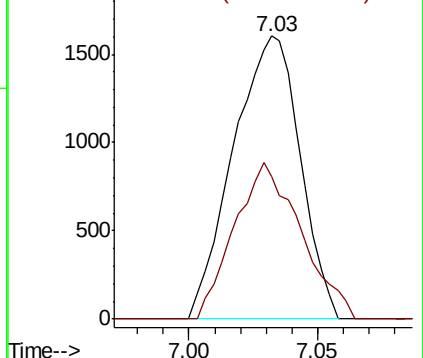
75 100

77 50.6 21.9 40.7#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#59

1,2,3-Trichloropropane

Concen: 4.313 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV010251.D

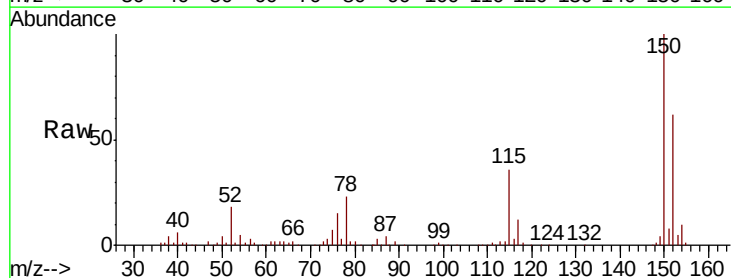
Acq: 11 Apr 2019 18:23

Tgt Ion: 75 Resp: 10251

Ion Ratio Lower Upper

75 100

77 42.6 26.9 40.3#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

