

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
 Data File : VW009748.D
 Acq On : 06 Apr 2019 01:09
 Operator : SY/VA
 Sample : K2277-05
 Misc : 6.34G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF167

Quant Time: Apr 06 05:39:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 05:36:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	463452	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	403723	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	131506	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	146814	24.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.84%
7) Chloroethane-d5	2.89	69	137187	24.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.76%
10) 1,1-Dichloroethene-d2	4.21	63	166	0.01	ug/L	0.19
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.04%#
20) 2-Butanone-d5	7.08	46	52769	26.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.60%
24) Chloroform-d	7.64	84	327889	25.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.72%
26) 1,2-Dichloroethane-d4	8.40	65	150	0.02	ug/L	0.09
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	613590	28.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.80%
33) 1,2-Dichloropropane-d6	9.27	67	186453	28.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.92%
37) Toluene-d8	10.32	98	532724	27.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.76%
38) trans-1,3-Dichloropropene-	10.58	79	70084	22.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.80%
39) 2-Hexanone-d5	10.93	63	40600	32.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122101	20.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	117399	25.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.76%

Target Compounds

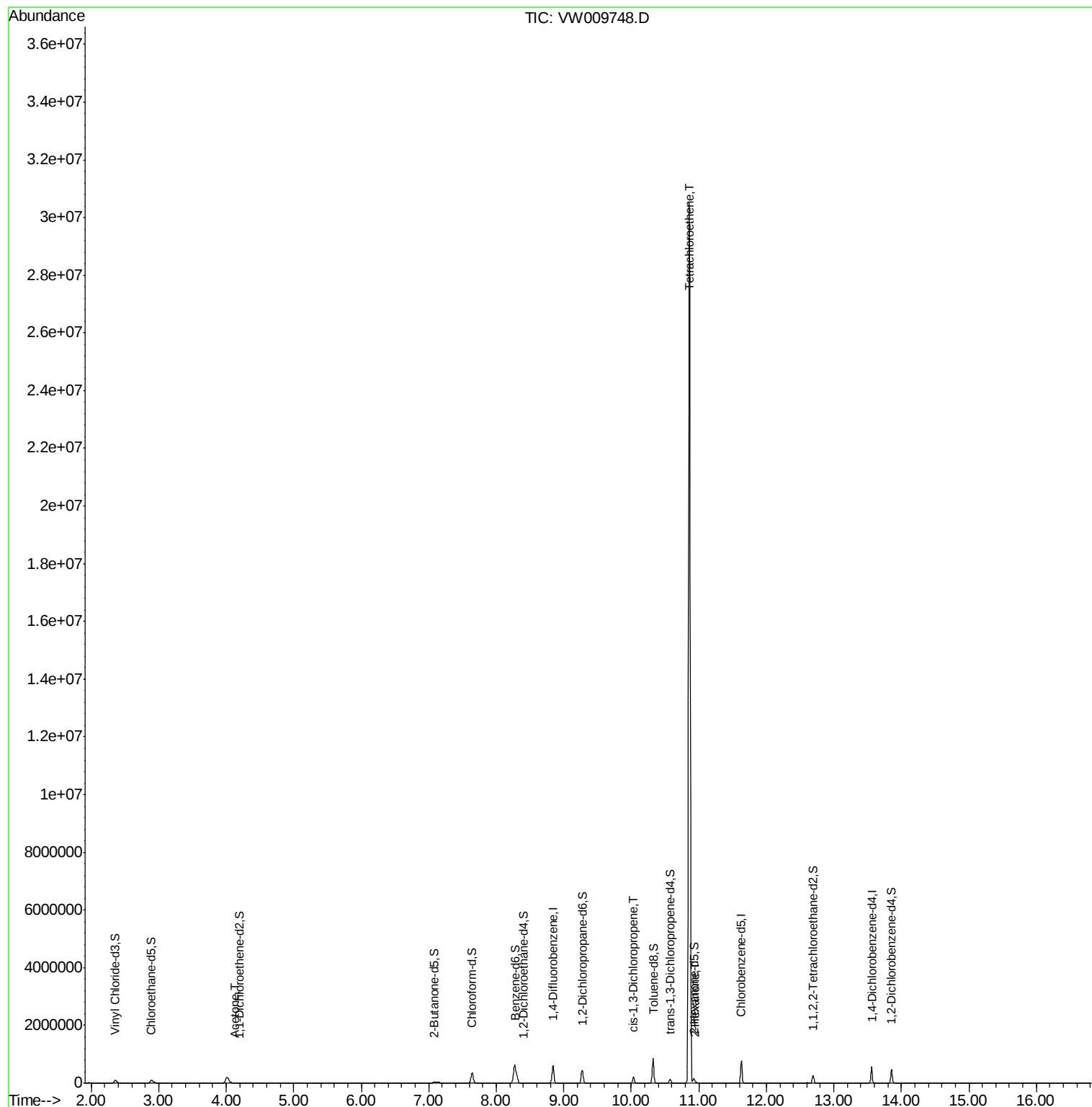
					Qvalue
13) Acetone	4.12	43	4560	2.161	ug/L 100
42) cis-1,3-Dichloropropene	10.03	75	6205	0.644	ug/L # 72
47) Tetrachloroethene	10.86	164	5742495	1146.992	ug/L 97
49) 2-Hexanone	10.95	43	19814	5.510	ug/L # 42

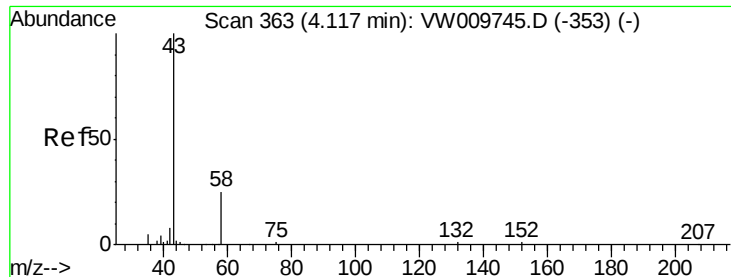
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.161 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

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MSVOA_W

ClientSampleId :

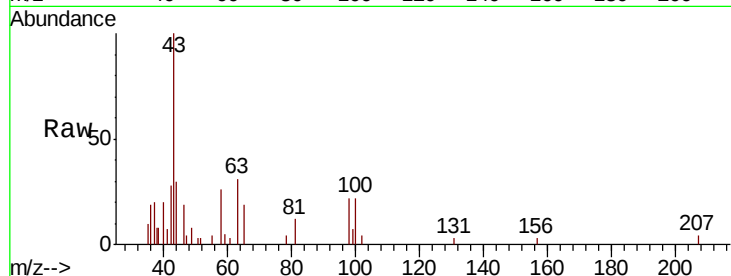
BF167

Tgt Ion: 43 Resp: 4560

Ion Ratio Lower Upper

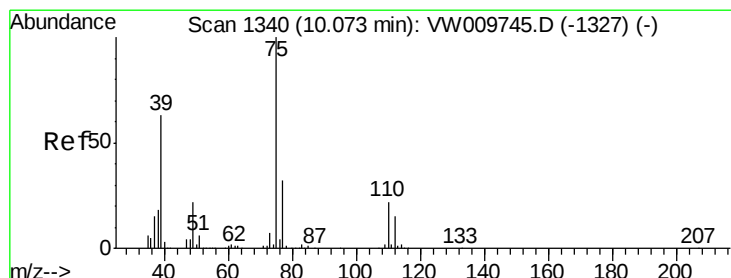
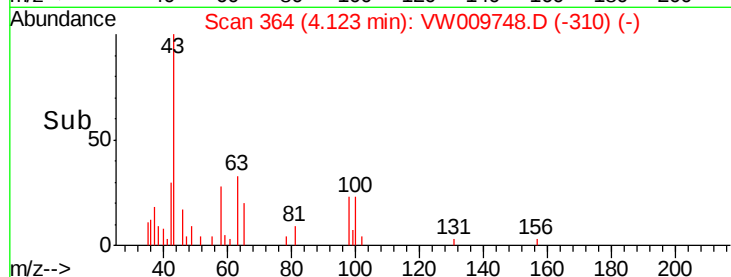
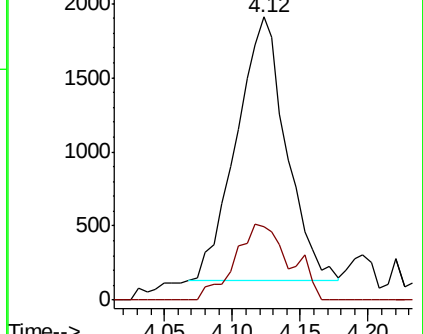
43 100

58 26.4 0.0 53.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.644 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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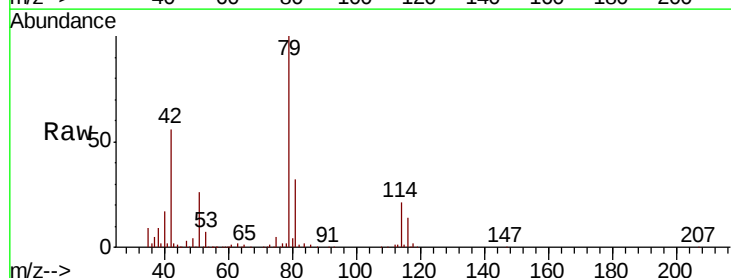
Acq: 06 Apr 2019 01:09

Tgt Ion: 75 Resp: 6205

Ion Ratio Lower Upper

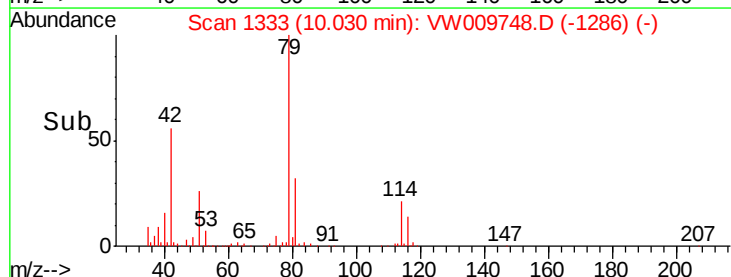
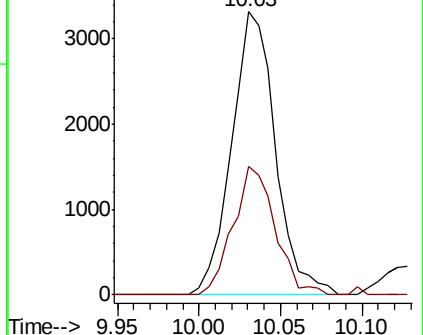
75 100

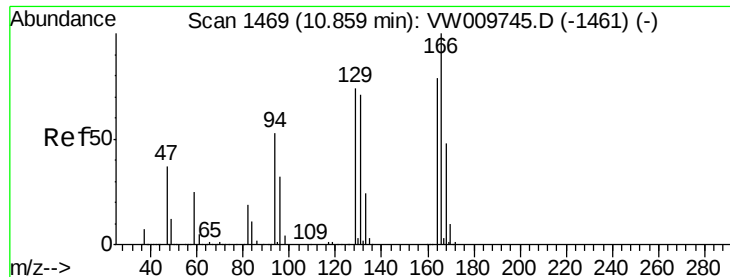
77 45.4 21.0 39.0#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#47

Tetrachloroethene

Concen: 1146.992 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009748.D

Acq: 06 Apr 2019 01:09

Instrument :

MSVOA_W

ClientSampleId :

BF167

Tgt Ion:164 Resp: 5742495

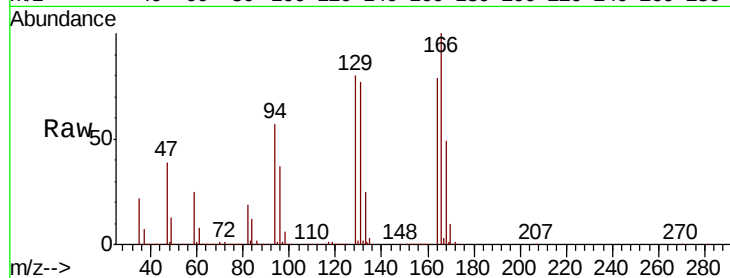
Ion Ratio Lower Upper

164 100

129 101.3 68.9 127.9

131 96.8 63.1 117.1

166 126.0 88.5 164.4

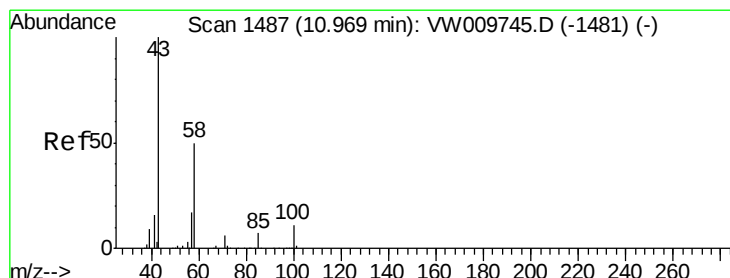
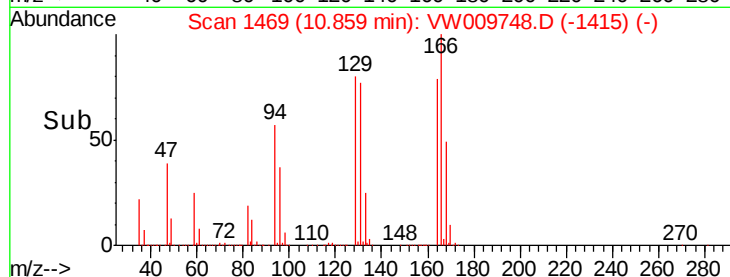
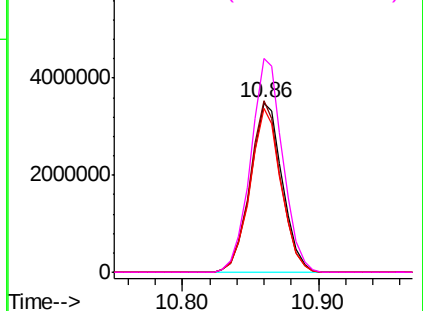


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49

2-Hexanone

Concen: 5.510 ug/L

RT: 10.95 min Scan# 1484

Delta R.T. -0.02 min

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Acq: 06 Apr 2019 01:09

Tgt Ion: 43 Resp: 19814

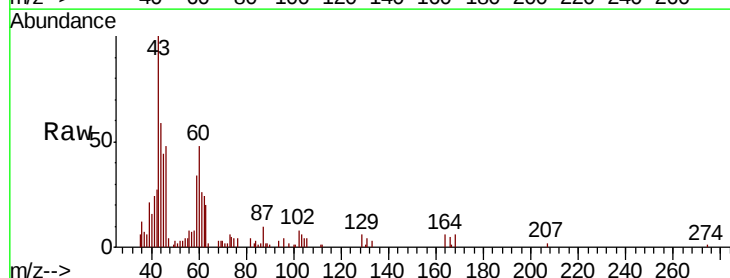
Ion Ratio Lower Upper

43 100

58 0.0 38.9 58.3#

57 0.0 13.8 20.6#

100 0.4 8.6 13.0#



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 58.00 (57.70 to 58.70): VV

Ion 57.00 (56.70 to 57.70): VV

Ion 100.00 (99.70 to 100.70): VV

