

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040819\
 Data File : VW009833.D
 Acq On : 09 Apr 2019 11:14
 Operator : SY/VA
 Sample : K2303-02
 Misc : 3.70G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF897

Quant Time: Apr 10 01:00:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 00:56:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	433528	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	367198	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	118668	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	125202	22.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.28%
7) Chloroethane-d5	2.89	69	119018	22.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.60%
10) 1,1-Dichloroethene-d2	4.01	63	224949	18.44	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.76%
20) 2-Butanone-d5	7.08	46	94549	51.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.66%
24) Chloroform-d	7.64	84	317322	26.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.28%
26) 1,2-Dichloroethane-d4	8.31	65	202648	27.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.60%
29) Benzene-d6	8.27	84	571161	29.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.52%
33) 1,2-Dichloropropane-d6	9.27	67	181455	30.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	121.92%#
37) Toluene-d8	10.32	98	466240	26.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.64%
38) trans-1,3-Dichloropropene-	10.57	79	69197	24.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.48%
39) 2-Hexanone-d5	10.93	63	57829	51.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	148242	26.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	113479	27.25	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.00%

Target Compounds

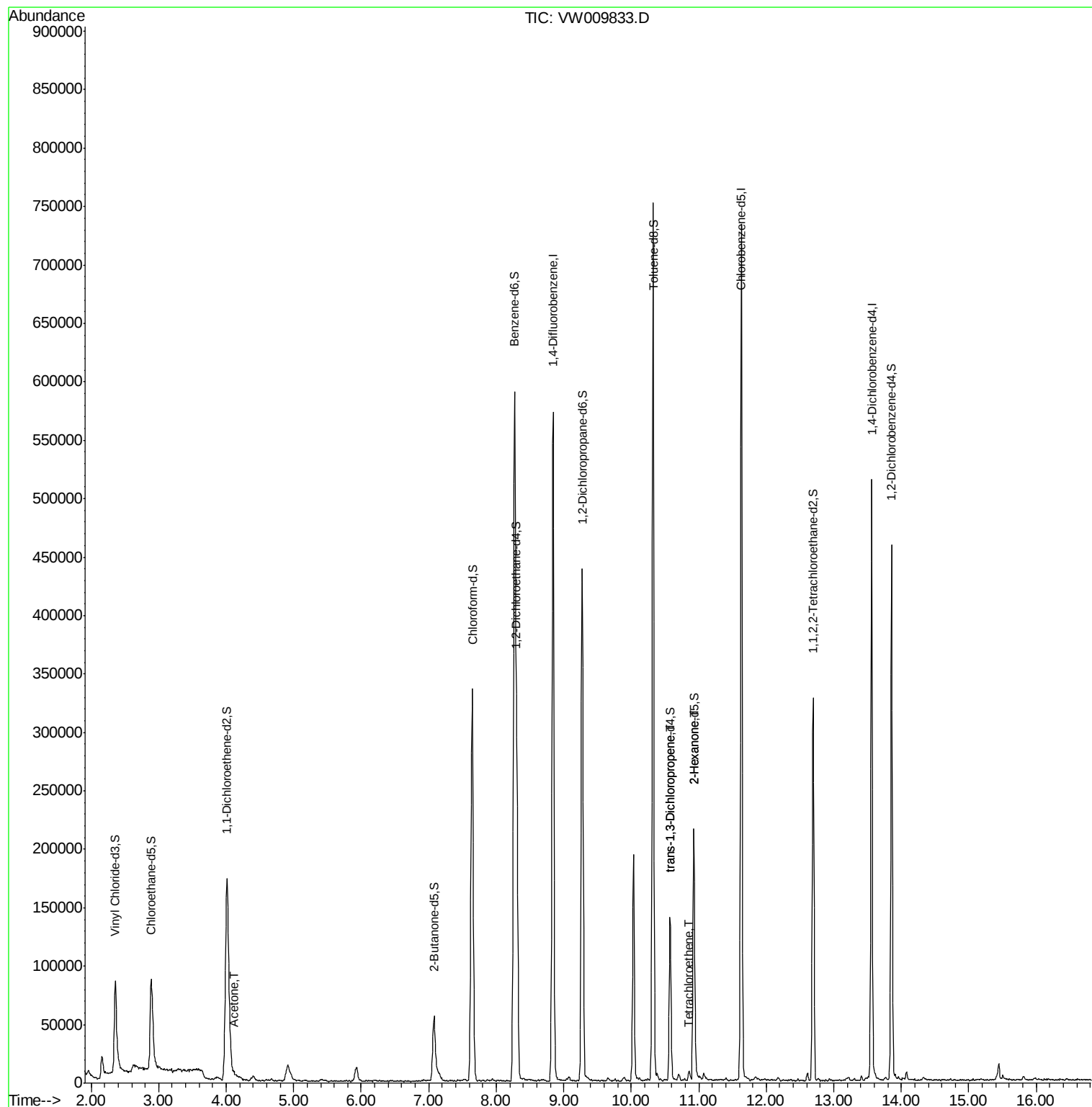
					Qvalue
13) Acetone	4.12	43	5103	2.586 ug/L	80
45) trans-1,3-Dichloropropene	10.57	75	3980	0.527 ug/L	94
47) Tetrachloroethene	10.86	164	1590	0.349 ug/L	86
49) 2-Hexanone	10.92	43	11401	3.486 ug/L #	76

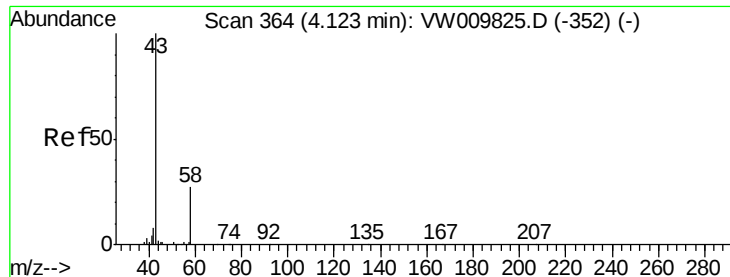
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.586 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW009833.D

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ClientSampleId :

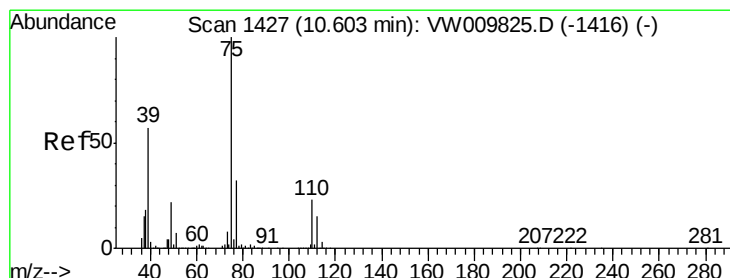
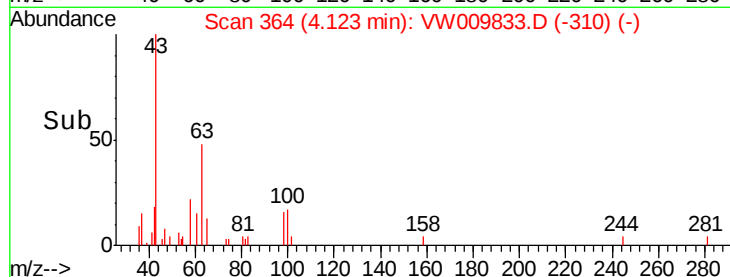
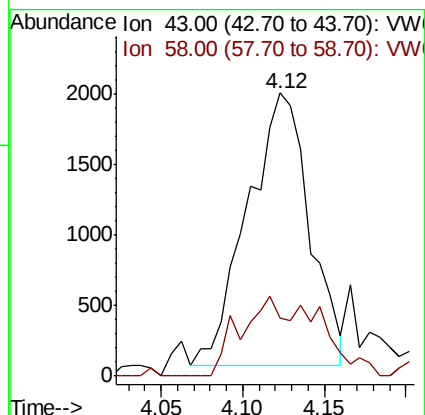
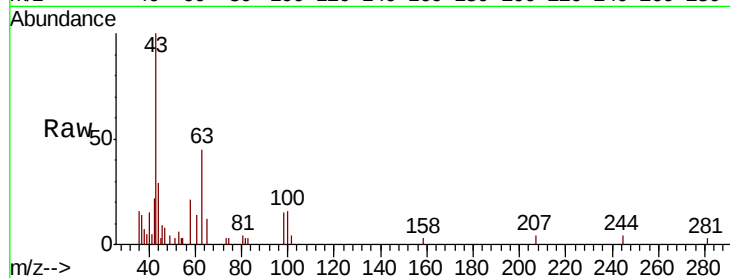
BF897

Tgt Ion: 43 Resp: 5103

Ion Ratio Lower Upper

43 100

58 16.0 0.0 53.0



#45

trans-1,3-Dichloropropene

Concen: 0.527 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009833.D

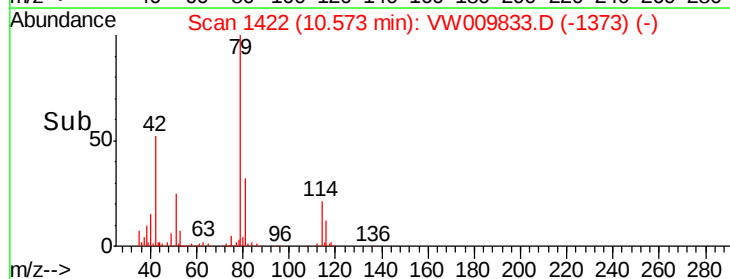
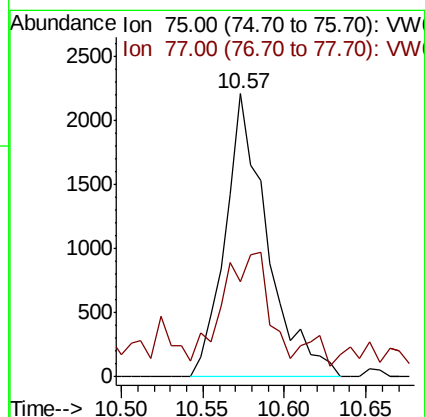
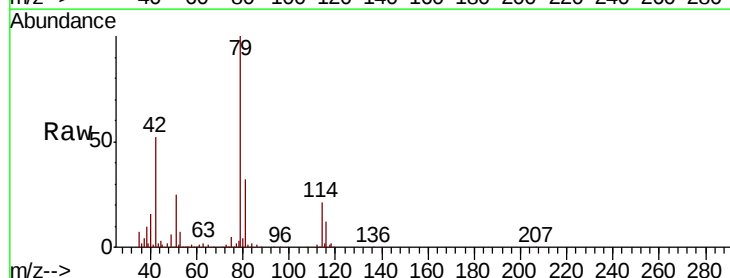
Acq: 09 Apr 2019 11:14

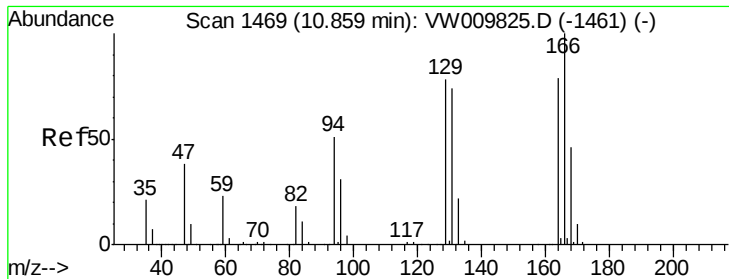
Tgt Ion: 75 Resp: 3980

Ion Ratio Lower Upper

75 100

77 33.6 21.1 39.3





#47

Tetrachloroethene

Concen: 0.349 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009833.D

Acq: 09 Apr 2019 11:14

Instrument :

MSVOA_W

ClientSampleId :

BF897

Tgt Ion:164 Resp: 1590

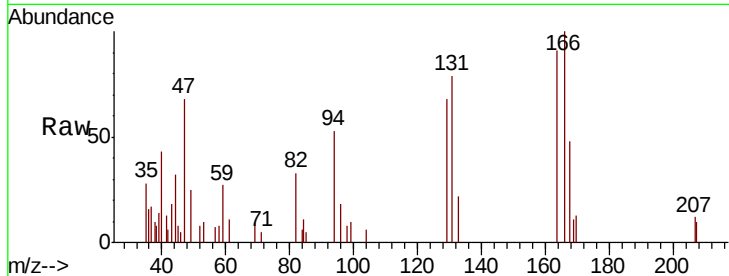
Ion Ratio Lower Upper

164 100

129 75.3 68.9 127.9

131 86.7 63.1 117.1

166 110.0 88.5 164.4



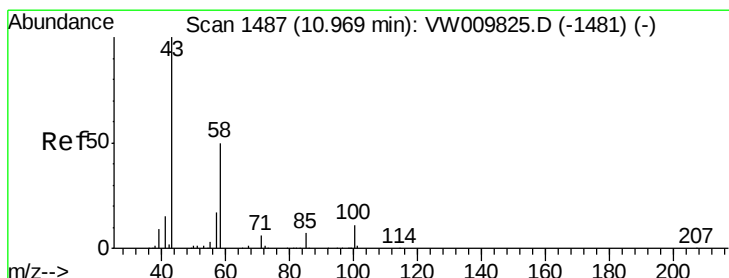
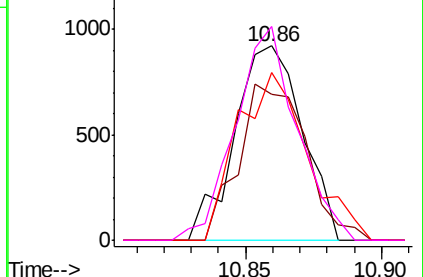
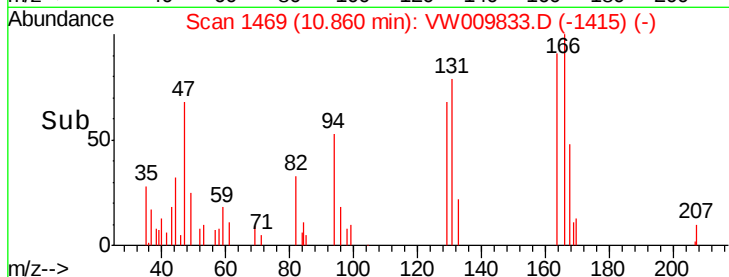
Abundance

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: 3.486 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.05 min

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Tgt Ion: 43 Resp: 11401

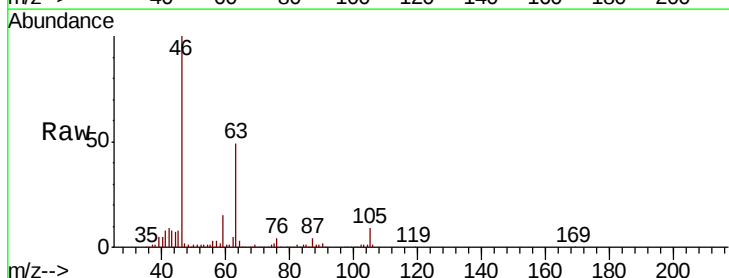
Ion Ratio Lower Upper

43 100

58 33.3 38.9 58.3#

57 31.0 13.8 20.6#

100 3.0 8.6 13.0#



Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

