

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042619\
 Data File : VW010168.D
 Acq On : 26 Apr 2019 23:20
 Operator : SY/VA
 Sample : K2596-12
 Misc : 4.31G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFH59

Quant Time: Apr 27 01:11:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 27 00:45:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	335093	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	335382	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	127902	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	61604	19.23	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.92%
7) Chloroethane-d5	2.89	69	58770	22.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.80%
10) 1,1-Dichloroethene-d2	4.00	63	127114	13.52	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.08%
20) 2-Butanone-d5	7.08	46	66963	44.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.54%
24) Chloroform-d	7.65	84	222778	24.97	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.88%
26) 1,2-Dichloroethane-d4	8.31	65	145202	27.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.32%
29) Benzene-d6	8.27	84	402249	21.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.72%
33) 1,2-Dichloropropane-d6	9.27	67	145218	24.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.08%
37) Toluene-d8	10.32	98	342948	19.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.52%
38) trans-1,3-Dichloropropene-	10.58	79	46847	17.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.68%
39) 2-Hexanone-d5	10.93	63	46768	37.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	128082	26.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	115896	24.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.88%

Target Compounds

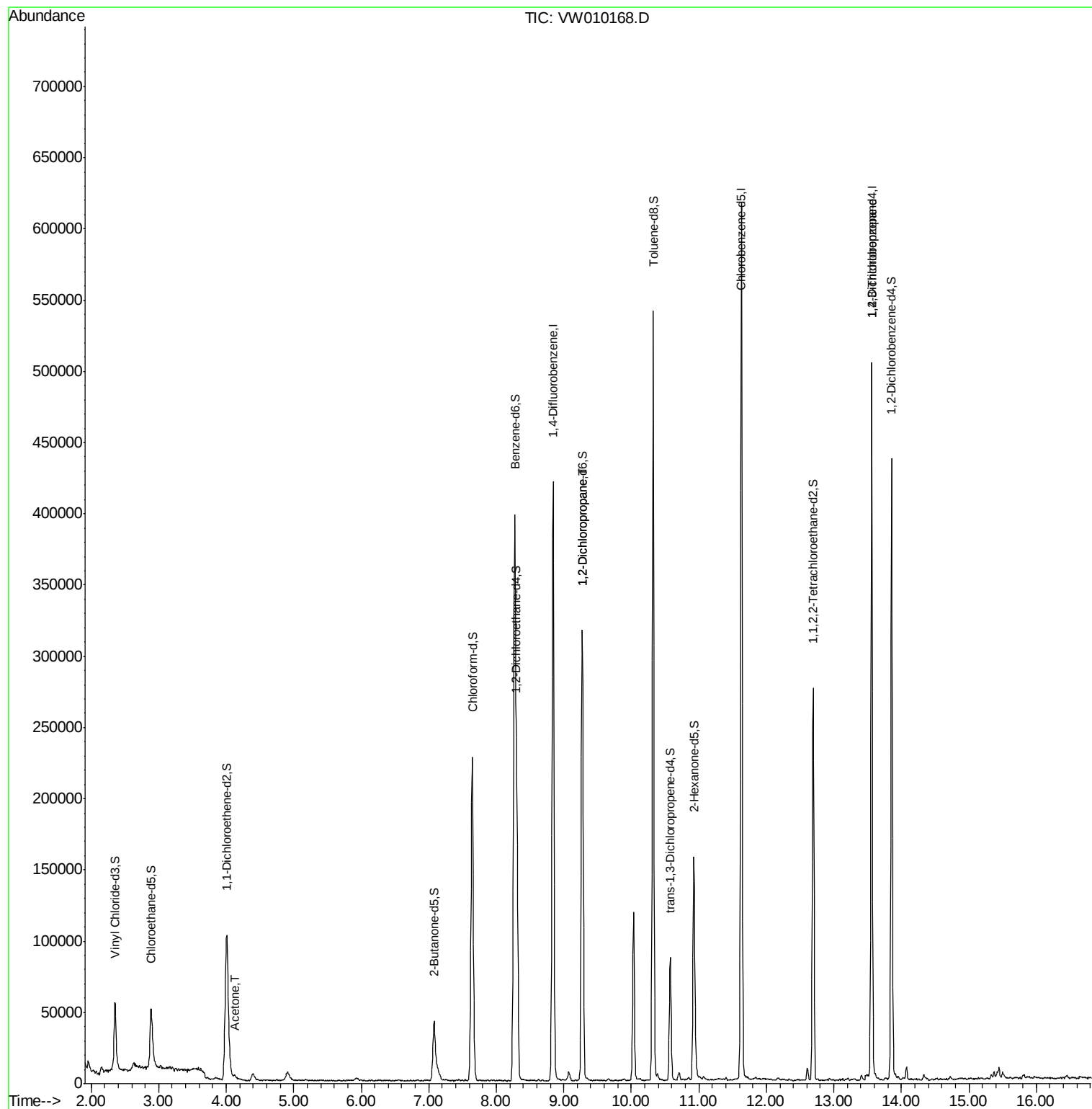
					Qvalue
13) Acetone	4.13	43	3668	3.213 ug/L	81
40) 1,2-Dichloropropane	9.27	63	17076	3.244 ug/L #	89
59) 1,2,3-Trichloropropane	13.56	75	15497	4.233 ug/L	95

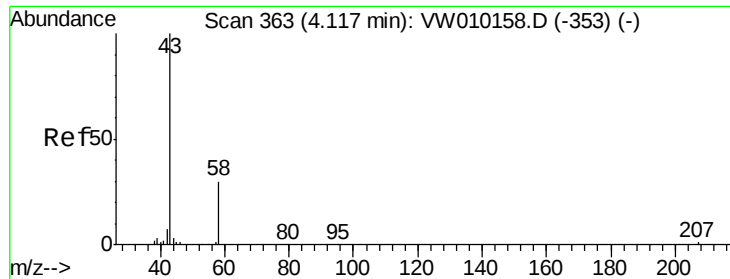
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.213 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010168.D

Acq: 26 Apr 2019 23:20

Instrument :

MSVOA_W

ClientSampled :

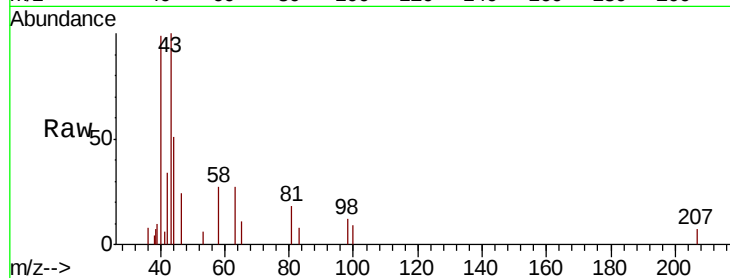
BFH59

Tgt Ion: 43 Resp: 3668

Ion Ratio Lower Upper

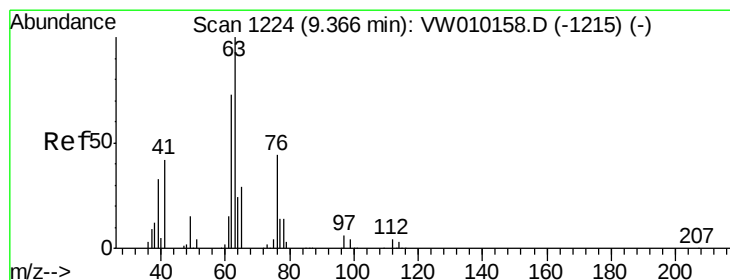
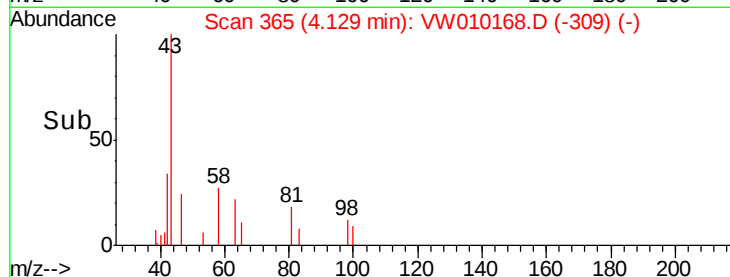
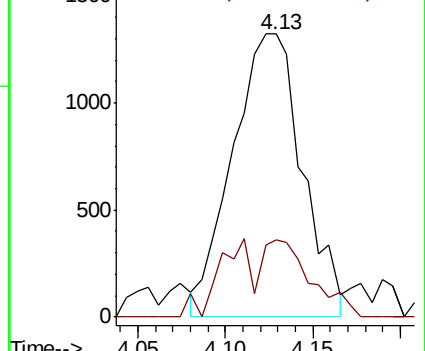
43 100

58 18.8 0.0 58.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#40

1,2-Dichloropropane

Concen: 3.244 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

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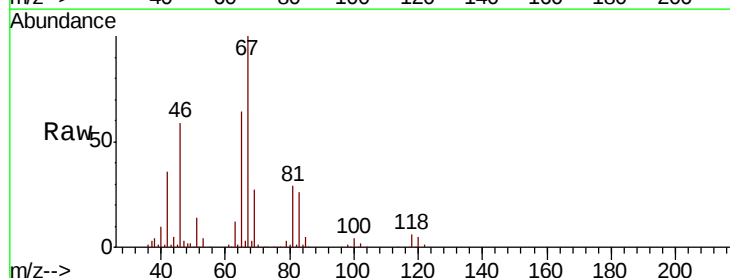
Acq: 26 Apr 2019 23:20

Tgt Ion: 63 Resp: 17076

Ion Ratio Lower Upper

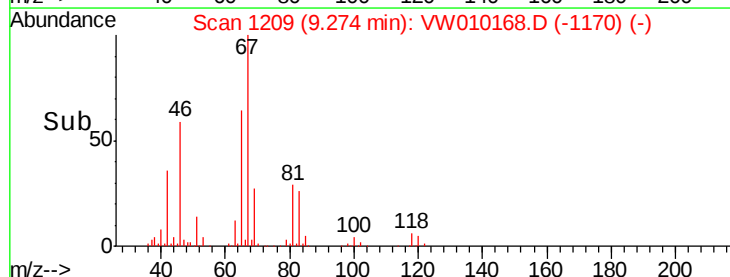
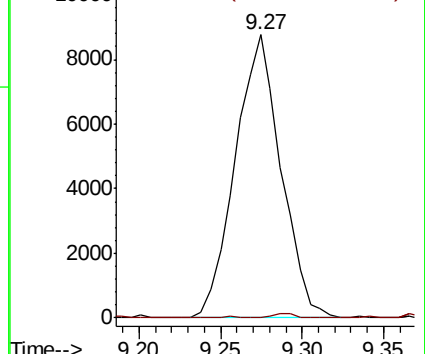
63 100

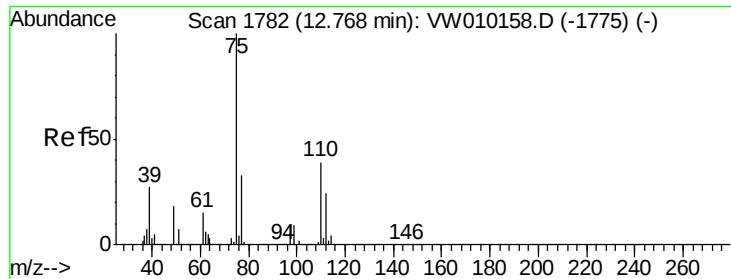
112 0.7 3.5 5.3#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#59

1,2,3-Trichloropropane

Concen: 4.233 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

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Tgt Ion: 75 Resp: 15497

Ion Ratio Lower Upper

75 100

77 35.4 26.1 39.1

