

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040319\
 Data File : VW009677.D
 Acq On : 04 Apr 2019 01:22
 Operator : SY/VA
 Sample : K2168-17
 Misc : 5.62G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF659

Quant Time: Apr 04 03:47:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 02:03:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	506912	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	469542	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	208930	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	194022	29.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.00%
7) Chloroethane-d5	2.89	69	152774	25.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.56%
10) 1,1-Dichloroethene-d2	4.01	63	295378	20.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.84%
20) 2-Butanone-d5	7.08	46	106012	49.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.44%
24) Chloroform-d	7.64	84	355724	25.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.88%
26) 1,2-Dichloroethane-d4	8.30	65	219354	25.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.32%
29) Benzene-d6	8.27	84	704261	28.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.28%
33) 1,2-Dichloropropane-d6	9.27	67	210794	27.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.76%
37) Toluene-d8	10.32	98	630176	27.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.60%
38) trans-1,3-Dichloropropene-	10.58	79	89765	24.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.88%
39) 2-Hexanone-d5	10.93	63	69783	48.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	159999	22.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	202119	27.57	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.28%

Target Compounds

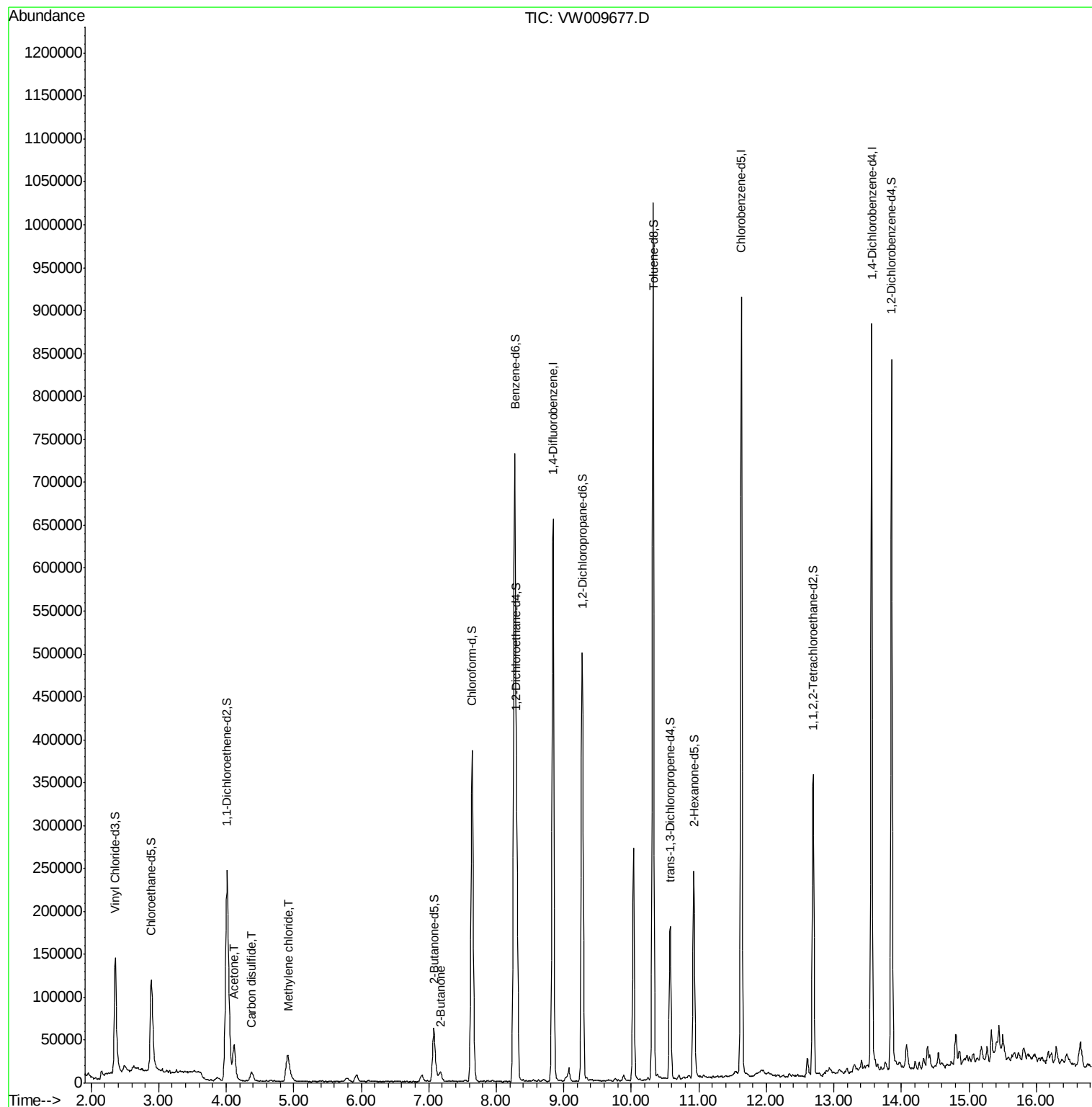
					Ovalue
13) Acetone	4.12	43	70203	30.422 ug/L	99
14) Carbon disulfide	4.37	76	18031	0.862 ug/L #	94
16) Methylene chloride	4.92	84	25918	2.899 ug/L	96
21) 2-Butanone	7.17	43	15890	5.414 ug/L	96

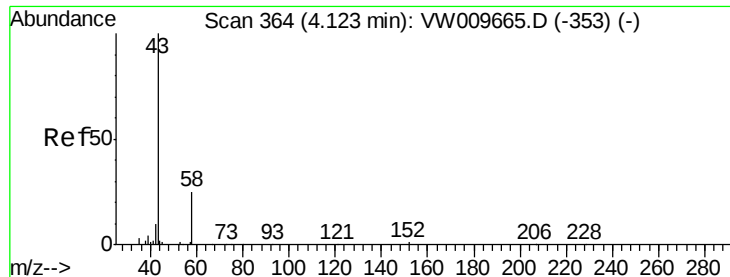
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 30.422 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009677.D

Acq: 04 Apr 2019 01:22

Instrument :

MSVOA_W

ClientSampleId :

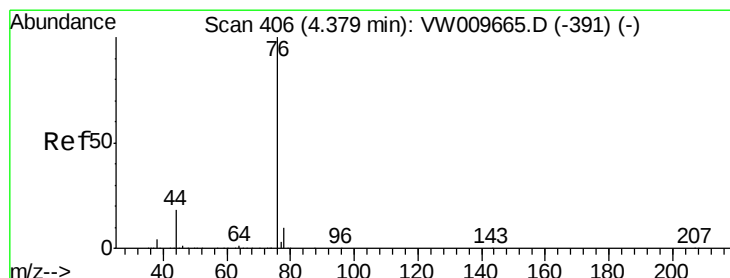
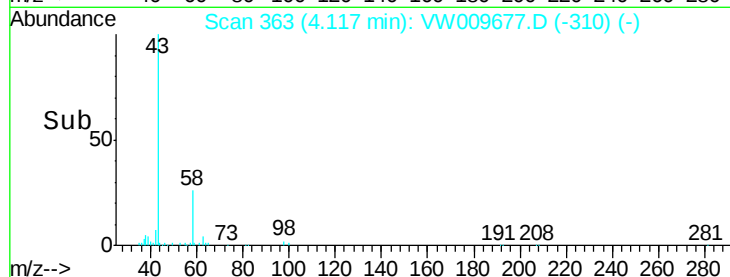
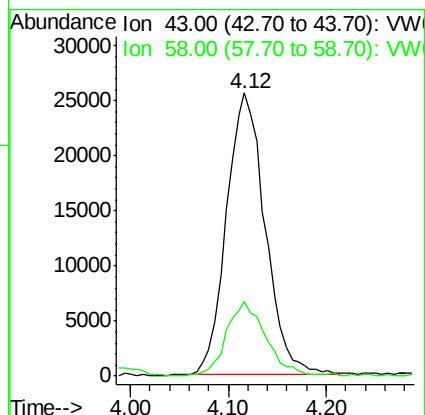
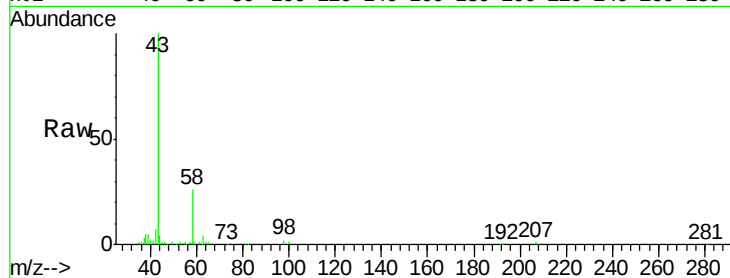
BF659

Tot Ion: 43 Resp: 70203

Ion Ratio Lower Upper

43 100

58 26.9 0.0 53.0



#14

Carbon disulfide

Concen: 0.862 ug/L

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

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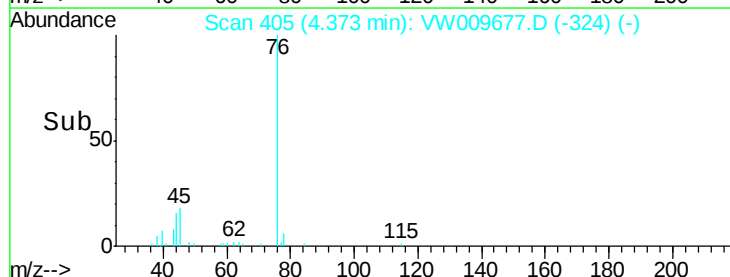
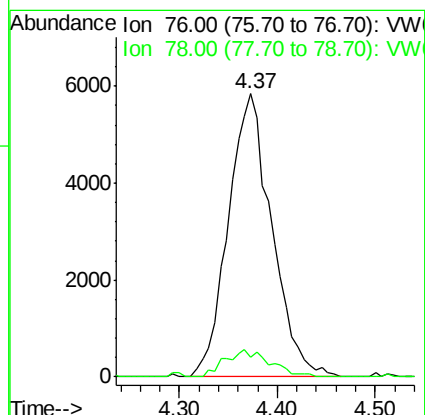
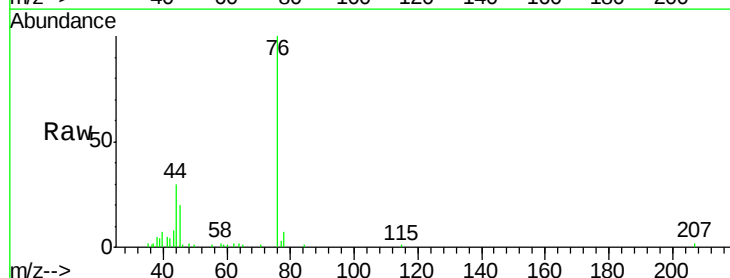
Acq: 04 Apr 2019 01:22

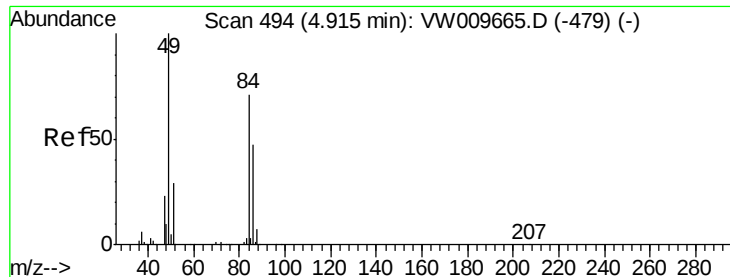
Tgt Ion: 76 Resp: 18031

Ion Ratio Lower Upper

76 100

78 7.1 7.3 10.9#

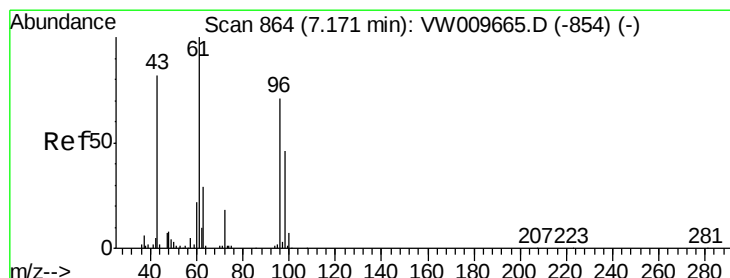
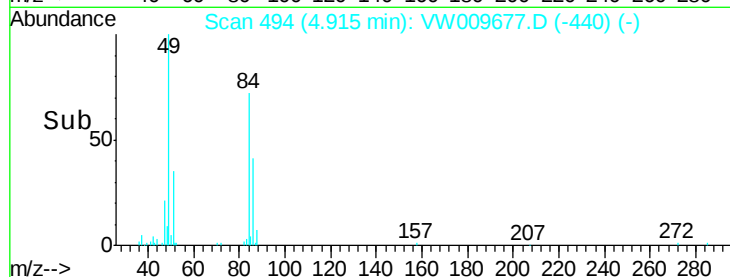
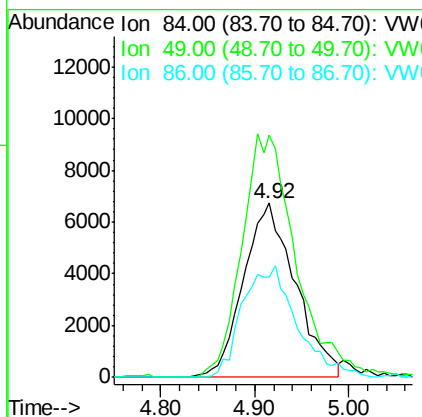
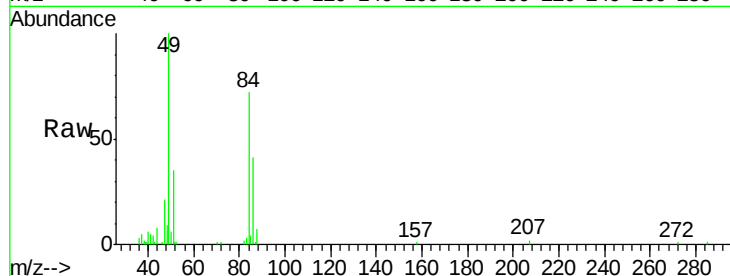




#16
Methylene chloride
Concen: 2.899 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW009677.D
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Instrument :
MSVOA_W
ClientSampled :
BF659

Tot Ion: 84 Resp: 25918
Ion Ratio Lower Upper
84 100
49 139.3 98.3 182.5
86 57.2 46.4 86.2



#21
2-Butanone
Concen: 5.414 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW009677.D
Acq: 04 Apr 2019 01:22

Tgt Ion: 43 Resp: 15890
Ion Ratio Lower Upper
43 100
72 22.3 12.0 36.1

