

Data File : VW011767.D
Acq On : 08 Aug 2019 11:39
Operator : SY/VA
Sample : K4215-05
Misc : 4.79G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB6

Quant Time: Aug 09 02:30:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 09 02:27:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	268473	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	191626	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	53082	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	75798	20.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.20%
7) Chloroethane-d5	2.89	69	61524	22.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.36%
10) 1,1-Dichloroethene-d2	4.02	63	140203	16.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.72%
20) 2-Butanone-d5	7.08	46	72686	42.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.40%
24) Chloroform-d	7.65	84	165633	22.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.84%
26) 1,2-Dichloroethane-d4	8.31	65	100358	23.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.00%
29) Benzene-d6	8.27	84	336678	27.94	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.76%
33) 1,2-Dichloropropane-d6	9.27	67	111236	28.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.40%
37) Toluene-d8	10.32	98	266443	24.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.64%
38) trans-1,3-Dichloropropene-	10.58	79	36204	21.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.92%
39) 2-Hexanone-d5	10.93	63	43813	48.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	72210	22.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	44599	21.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.20%

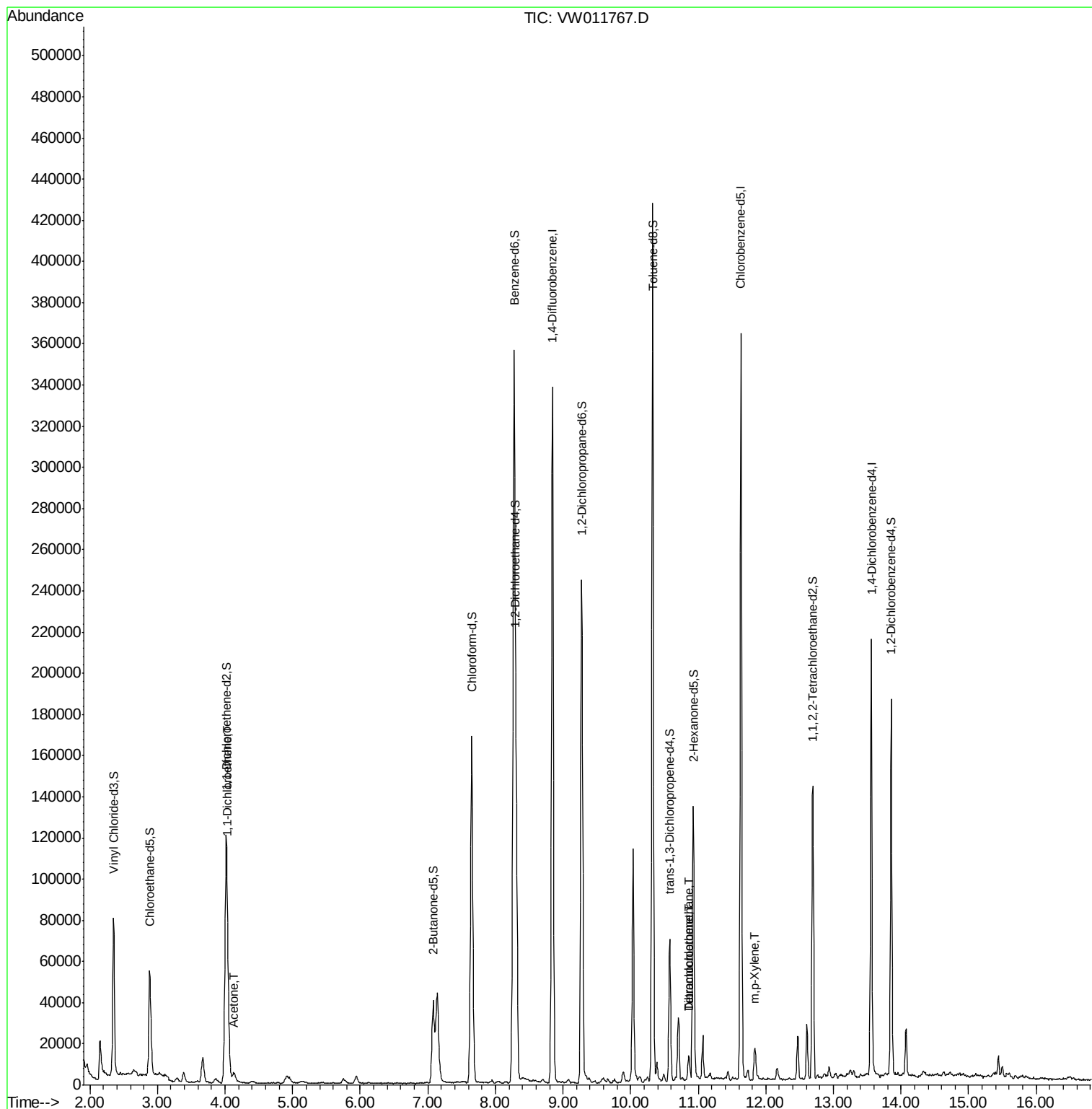
Target Compounds					Qvalue
12) 1,1-Dichloroethene	4.04	96	3649	0.946 ug/L #	1
13) Acetone	4.13	43	6638	3.641 ug/L	96
47) Tetrachloroethene	10.87	164	2639	1.013 ug/L	96
50) Dibromochloromethane	10.86	129	2396	0.889 ug/L #	12
54) m,p-Xylene	11.83	106	4735	0.856 ug/L	98

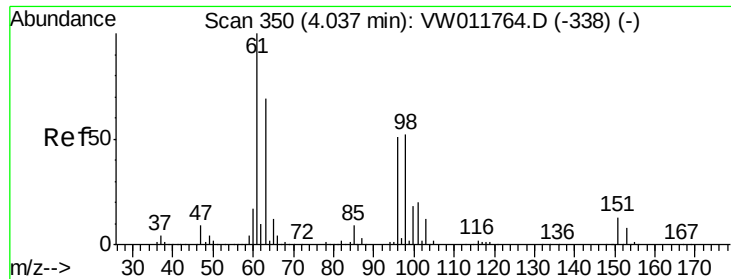
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.946 ug/L

RT: 4.04 min Scan# 350

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampled :

ETOB6

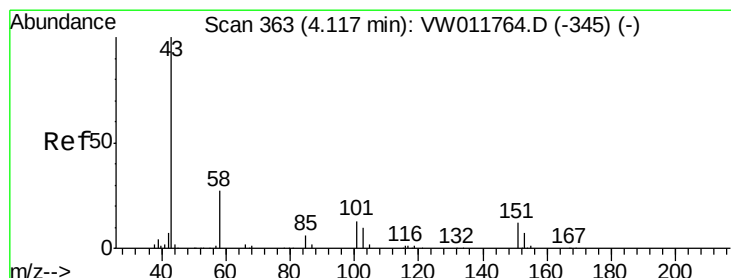
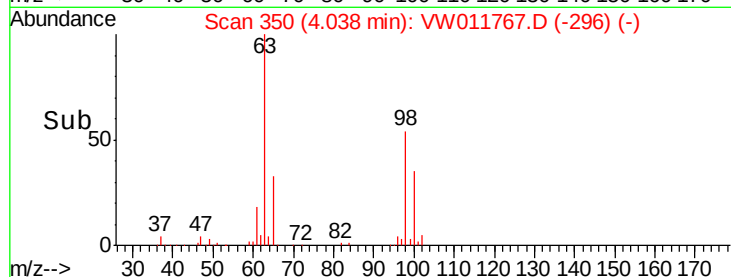
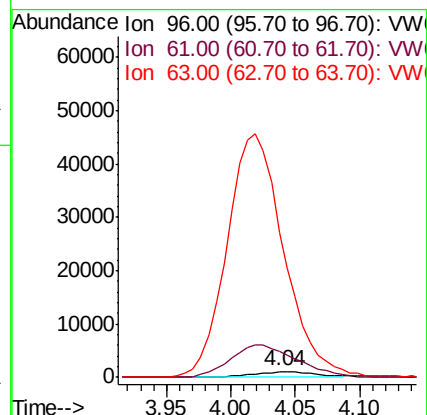
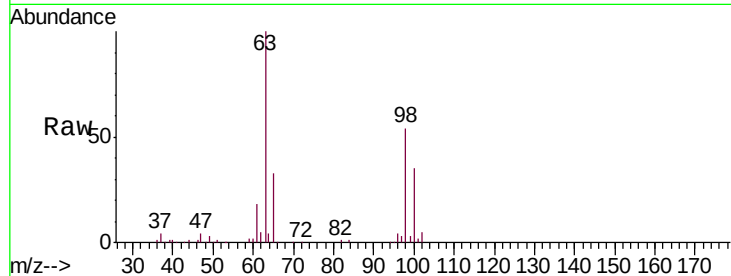
Tgt Ion: 96 Resp: 3649

Ion Ratio Lower Upper

96 100

61 461.6 135.0 250.8#

63 2536.2 89.2 165.8#



#13

Acetone

Concen: 3.641 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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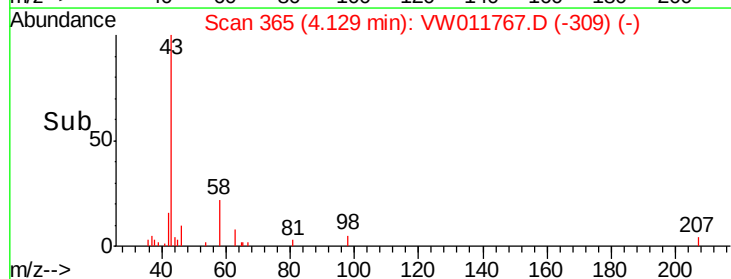
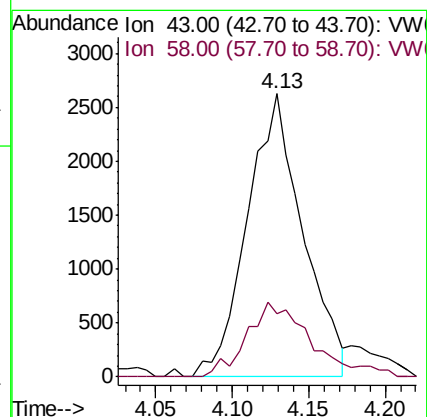
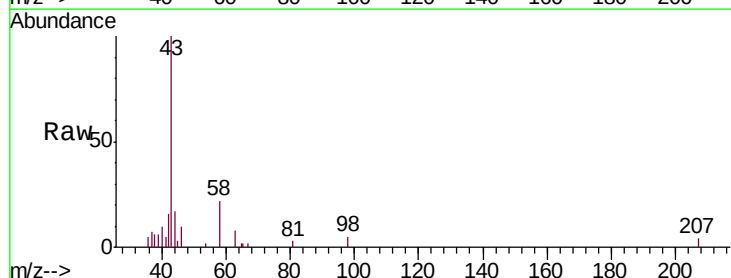
Acq: 08 Aug 2019 11:39

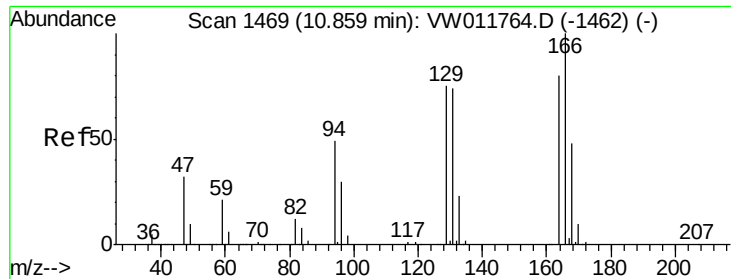
Tgt Ion: 43 Resp: 6638

Ion Ratio Lower Upper

43 100

58 28.9 0.0 53.4

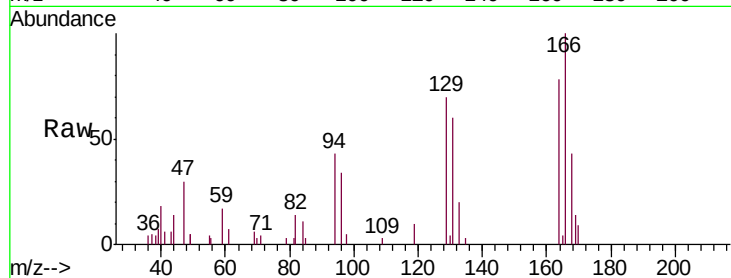




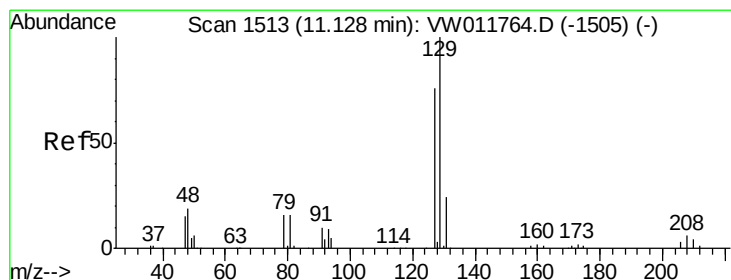
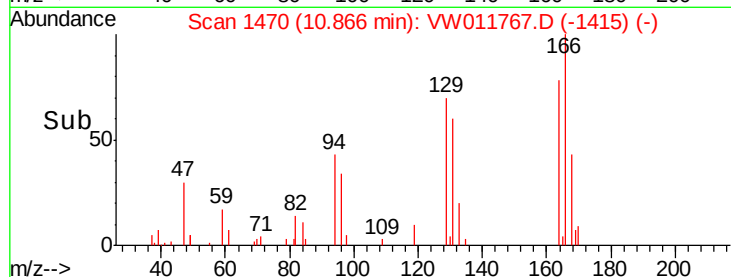
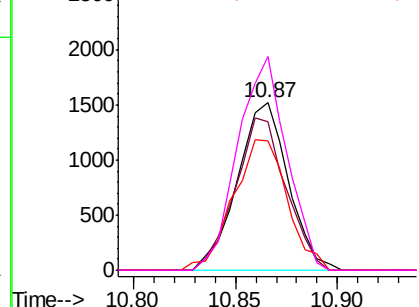
#47
Tetrachloroethene
Concen: 1.013 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
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Tgt Ion:164 Resp: 2639
Ion Ratio Lower Upper
164 100
129 88.7 64.0 119.0
131 77.1 58.6 108.8
166 127.5 91.7 170.3

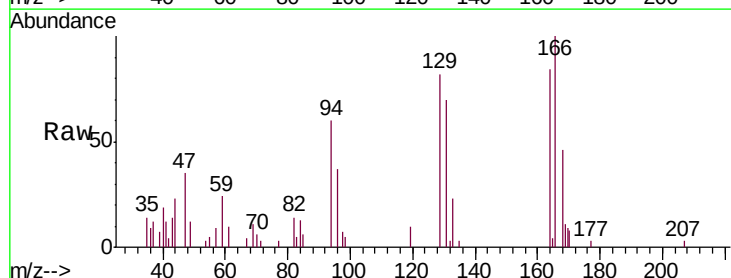


Abundance Ion 164.00 (163.70 to 164.70): V
3000 Ion 129.00 (128.70 to 129.70): V
2500 Ion 131.00 (130.70 to 131.70): V
2000 Ion 166.00 (165.70 to 166.70): V

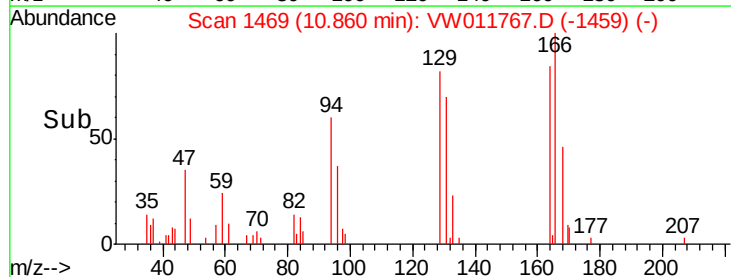
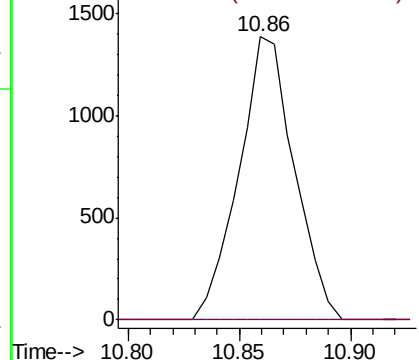


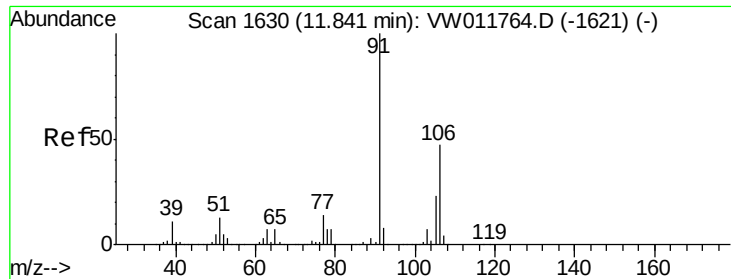
#50
Dibromochloromethane
Concen: 0.889 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.27 min
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Tgt Ion:129 Resp: 2396
Ion Ratio Lower Upper
129 100
127 0.0 52.6 97.6#



Abundance Ion 129.00 (128.70 to 129.70): V
1500 Ion 127.00 (126.70 to 127.70): V





#54
 m,p-Xylene
 Concen: 0.856 ug/L
 RT: 11.83 min Scan# 1629
 Delta R.T. -0.01 min
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 Acq: 08 Aug 2019 11:39

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOB6

Tgt Ion:106 Resp: 4735
 Ion Ratio Lower Upper
 106 100
 91 210.0 149.6 277.8

