

Data File : VW010963.D
Acq On : 25 Jun 2019 13:00
Operator : SY/VA
Sample : K3456-05
Misc : 2.52G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YANX5

Quant Time: Jun 26 02:59:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 26 02:56:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	350846	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	305693	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	131343	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	103401	22.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.96%
7) Chloroethane-d5	2.88	69	75756	21.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.44%
10) 1,1-Dichloroethene-d2	4.01	63	177965	16.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.24%
20) 2-Butanone-d5	7.07	46	86531	40.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.04%
24) Chloroform-d	7.65	84	223161	23.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.36%
26) 1,2-Dichloroethane-d4	8.38	65	55	0.01	ug/L	0.09
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	466663	25.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.72%
33) 1,2-Dichloropropane-d6	9.27	67	153653	25.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.36%
37) Toluene-d8	10.32	98	416578	25.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.64%
38) trans-1,3-Dichloropropene-	10.58	79	57262	21.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.36%
39) 2-Hexanone-d5	10.93	63	58012	42.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	113981	22.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.20%
61) 1,2-Dichlorobenzene-d4	13.86	152	125623	25.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.36%

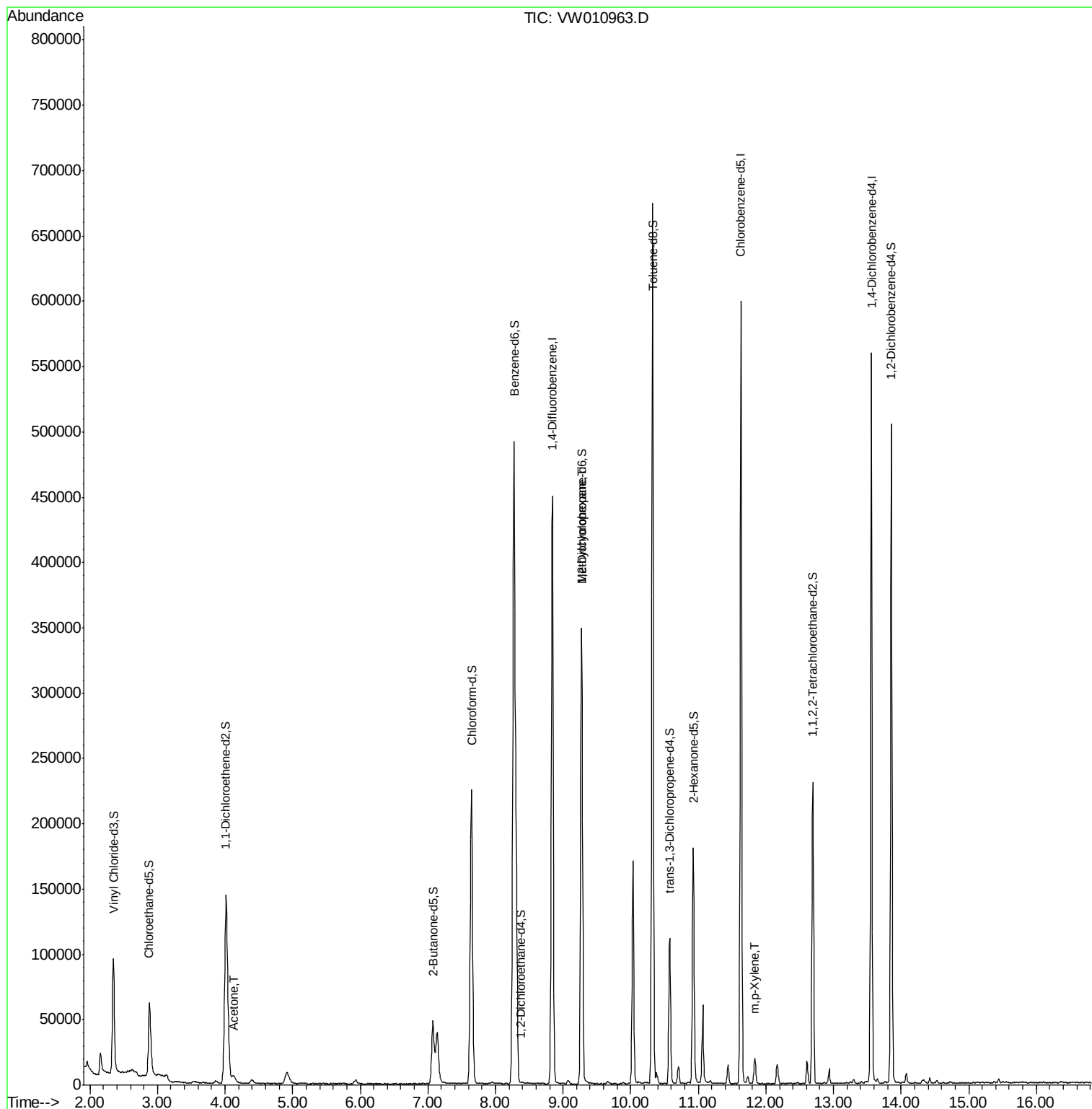
Target Compounds					Qvalue
13) Acetone	4.12	43	9730	4.758 ug/L	75
36) Methylcyclohexane	9.27	83	35141	3.758 ug/L #	14
54) m,p-Xylene	11.83	106	5196	0.605 ug/L	91

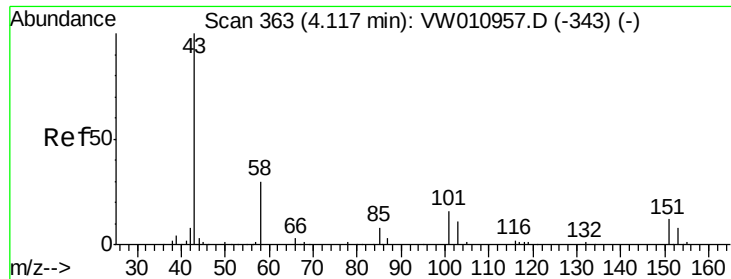
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.758 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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MSVOA_W

ClientSampleId :

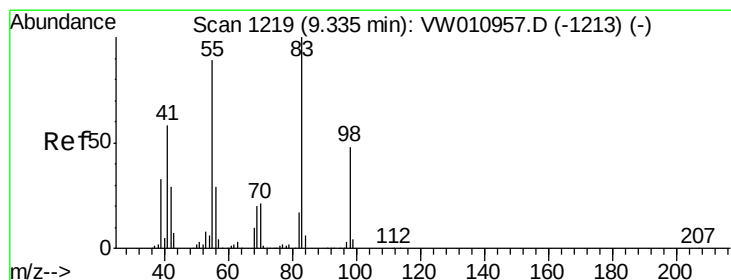
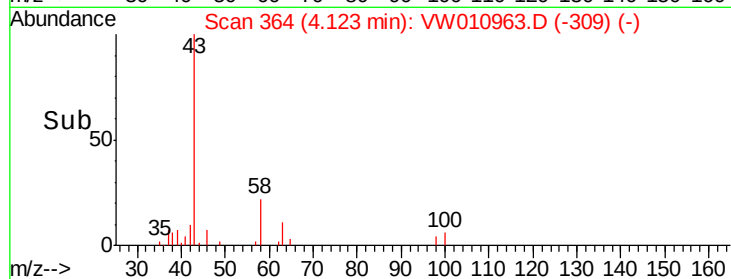
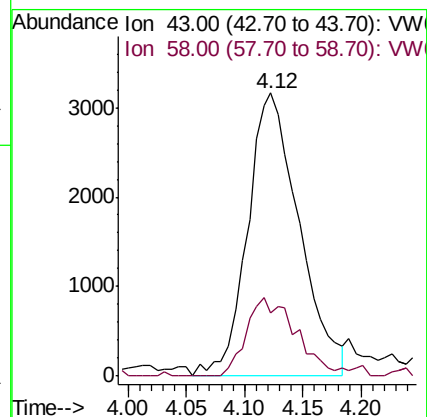
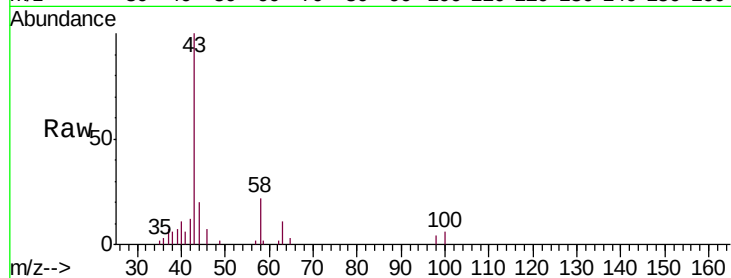
YANX5

Tgt Ion: 43 Resp: 9730

Ion Ratio Lower Upper

43 100

58 13.7 0.0 53.2



#36

Methylcyclohexane

Concen: 3.758 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

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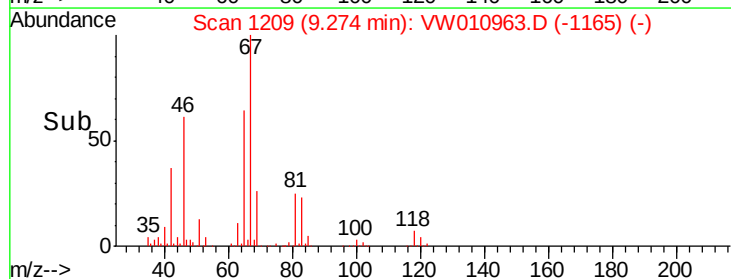
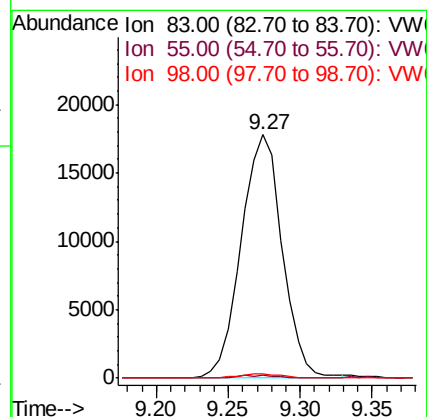
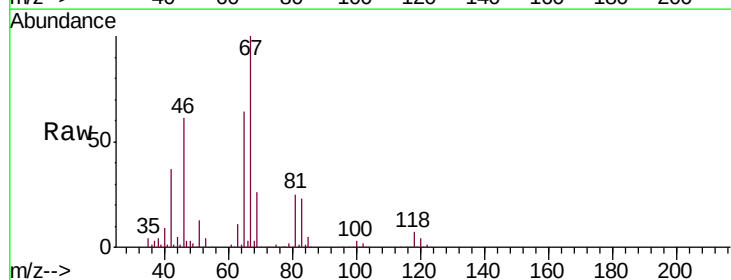
Tgt Ion: 83 Resp: 35141

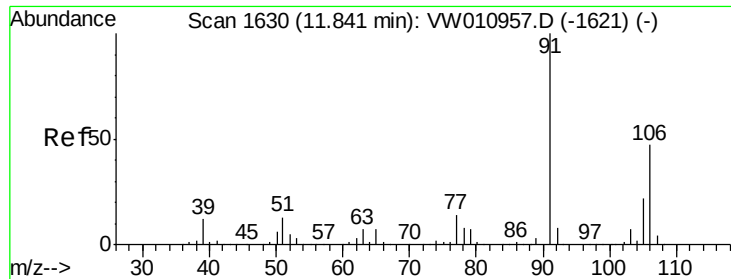
Ion Ratio Lower Upper

83 100

55 0.5 72.2 108.2#

98 1.7 37.8 56.8#





#54
 m,p-Xylene
 Concen: 0.605 ug/L
 RT: 11.83 min Scan# 1629
 Delta R.T. -0.01 min
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 Acq: 25 Jun 2019 13:00

Instrument :
 MSVOA_W
 ClientSampleId :
 YANX5

Tgt Ion:106 Resp: 5196
 Ion Ratio Lower Upper
 106 100
 91 222.7 146.5 272.1

