

Data File : VW010952.D
Acq On : 25 Jun 2019 01:19
Operator : SY/VA
Sample : K3456-20
Misc : 4.24G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YANY5

Quant Time: Jun 25 02:51:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 25 02:43:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	182341	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	206975	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	93765	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	20608	8.72	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	34.88%
7) Chloroethane-d5	2.88	69	23223	12.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.00%
10) 1,1-Dichloroethene-d2	4.01	63	43861	7.85	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	31.40%#
20) 2-Butanone-d5	7.10	46	149	0.13	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.26%#
24) Chloroform-d	7.65	84	125806	25.58	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.32%
26) 1,2-Dichloroethane-d4	8.31	65	116500	38.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	152.88%#
29) Benzene-d6	8.27	84	232468	18.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.84%
33) 1,2-Dichloropropane-d6	9.27	67	103964	25.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.28%
37) Toluene-d8	10.32	98	205731	18.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.40%
38) trans-1,3-Dichloropropene-	10.58	79	30398	16.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.92%
39) 2-Hexanone-d5	10.93	63	42	0.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.10%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	104260	30.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.24%#
61) 1,2-Dichlorobenzene-d4	13.86	152	94918	26.82	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.28%

Target Compounds

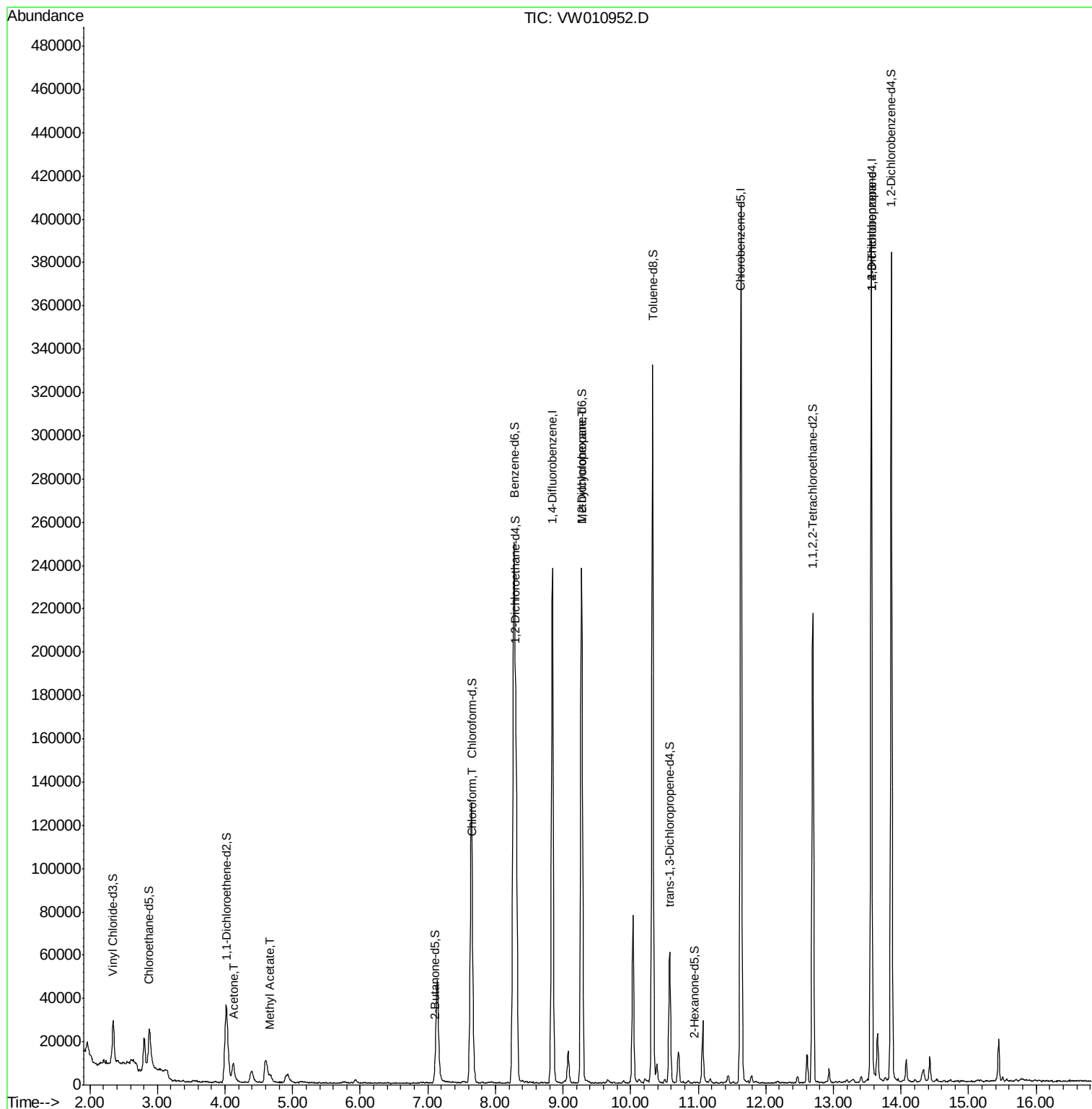
					Qvalue
13) Acetone	4.12	43	15878	14.938 ug/L	96
15) Methyl Acetate	4.67	43	3147	1.710 ug/L #	53
25) Chloroform	7.67	83	4972	1.034 ug/L #	56
36) Methylcyclohexane	9.27	83	23803	3.760 ug/L #	14
59) 1,2,3-Trichloropropane	13.56	75	13331	5.118 ug/L	92

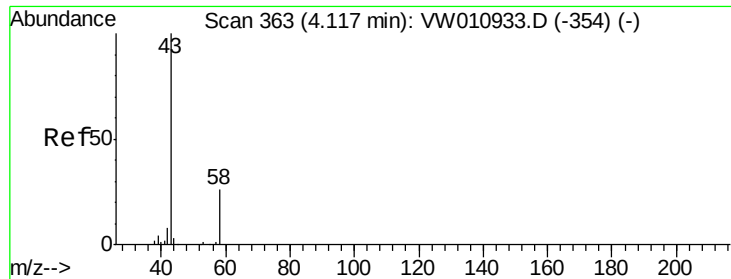
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 14.938 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

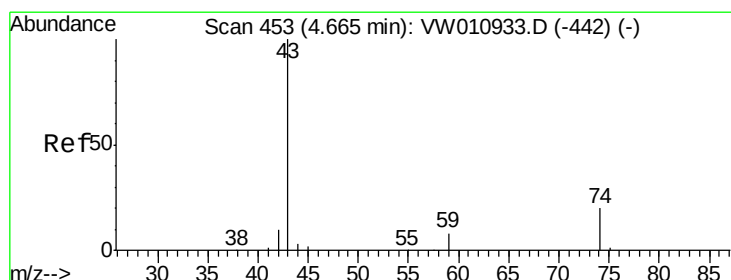
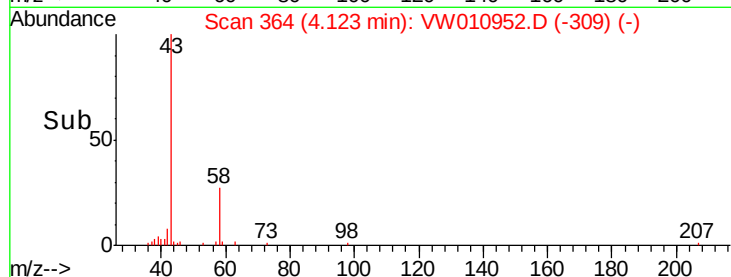
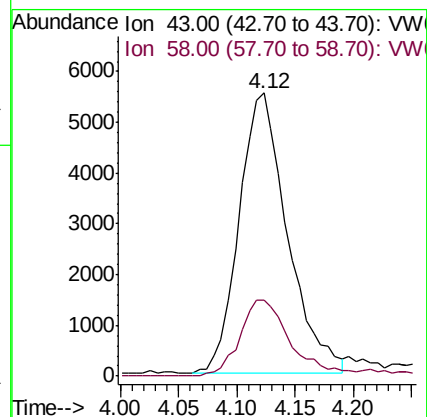
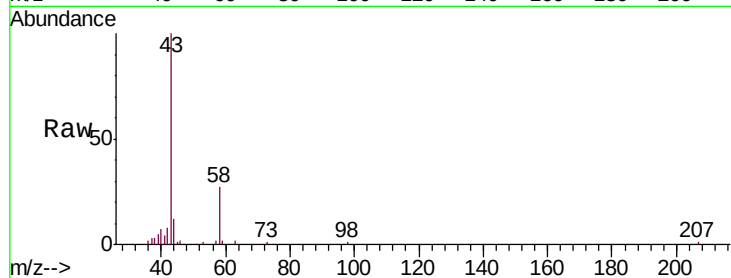
YANY5

Tgt Ion: 43 Resp: 15878

Ion Ratio Lower Upper

43 100

58 28.5 0.0 53.2



#15

Methyl Acetate

Concen: 1.710 ug/L

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

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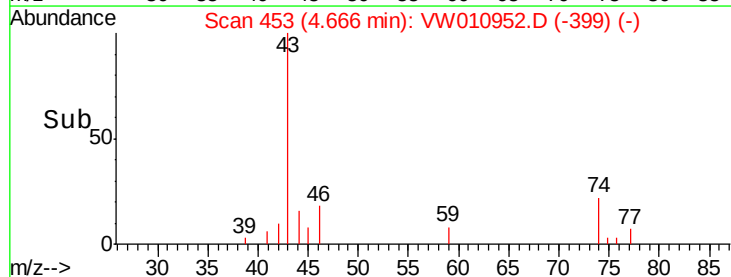
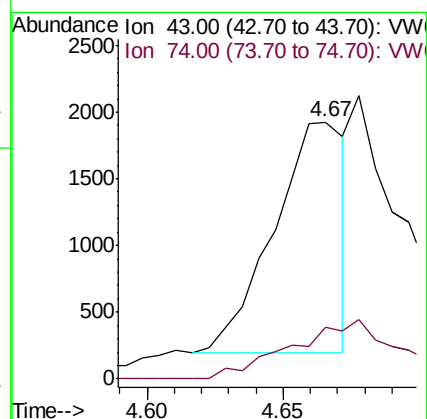
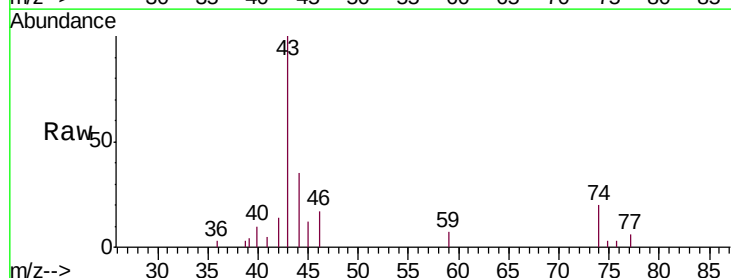
Acq: 25 Jun 2019 01:19

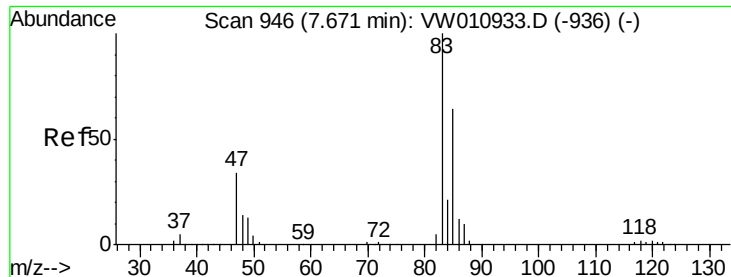
Tgt Ion: 43 Resp: 3147

Ion Ratio Lower Upper

43 100

74 40.2 15.3 22.9#

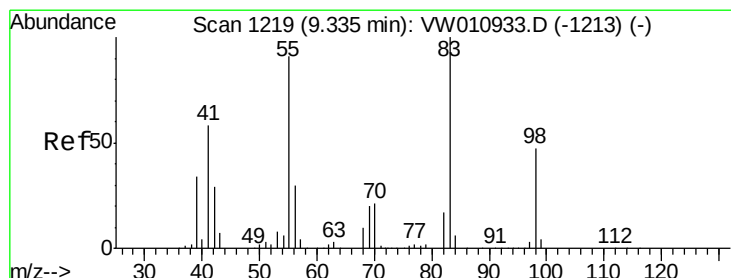
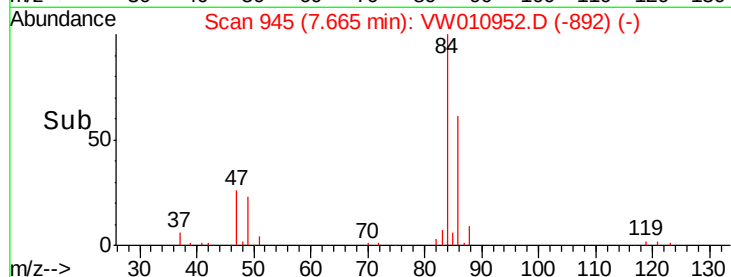
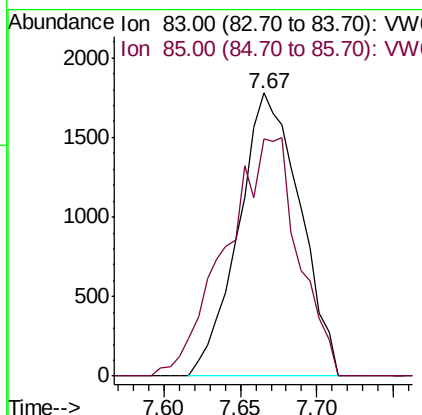
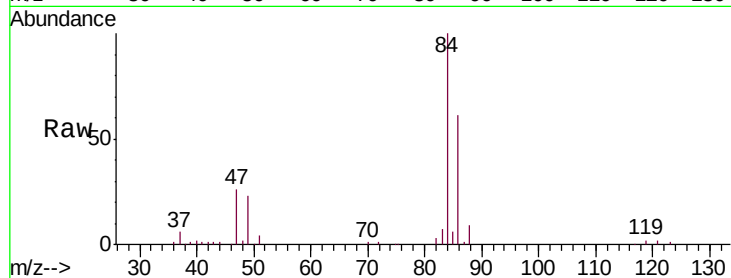




#25
Chloroform
Concen: 1.034 ug/L
RT: 7.67 min Scan# 945
Delta R.T. -0.01 min
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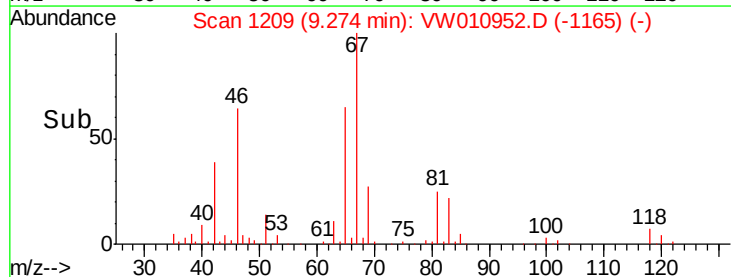
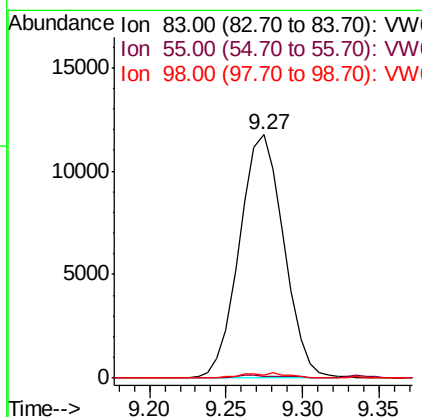
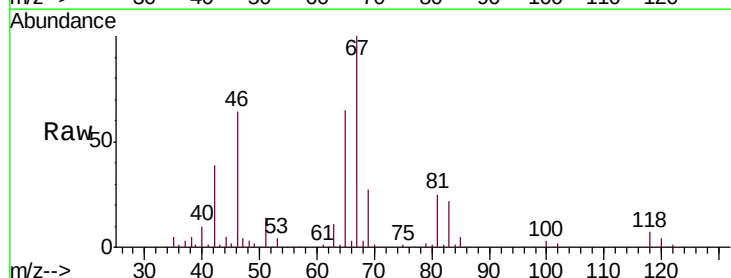
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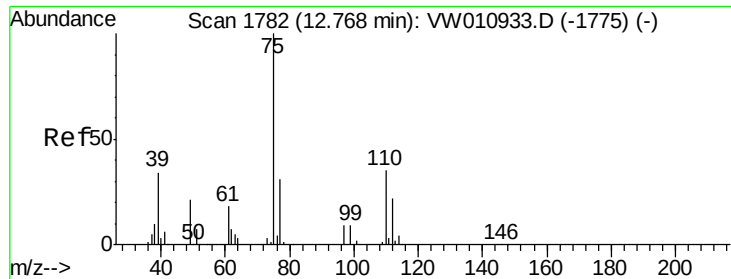
Tgt Ion: 83 Resp: 4972
Ion Ratio Lower Upper
83 100
85 99.8 45.6 84.8#



#36
Methylcyclohexane
Concen: 3.760 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW010952.D
Acq: 25 Jun 2019 01:19

Tgt Ion: 83 Resp: 23803
Ion Ratio Lower Upper
83 100
55 0.5 72.2 108.2#
98 1.0 37.8 56.8#





#59

1,2,3-Trichloropropane

Concen: 5.118 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW010952.D

Acq: 25 Jun 2019 01:19

Instrument :

MSVOA_W

ClientSampleId :

YANY5

Tgt Ion: 75 Resp: 13331

Ion Ratio Lower Upper

75 100

77 36.2 25.2 37.8

