

Data File : VW010976.D
Acq On : 25 Jun 2019 19:27
Operator : SY/VA
Sample : K3460-04
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YANT4

Quant Time: Jun 26 04:40:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 26 04:33:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	194023	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	169681	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	77050	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	57549	22.88	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.52%
7) Chloroethane-d5	2.88	69	39271	20.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.04%
10) 1,1-Dichloroethene-d2	4.01	63	95509	16.07	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.28%
20) 2-Butanone-d5	7.07	46	70857	60.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.00%
24) Chloroform-d	7.65	84	119510	22.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.36%
26) 1,2-Dichloroethane-d4	8.30	65	80369	24.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.12%
29) Benzene-d6	8.27	84	249411	24.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.92%
33) 1,2-Dichloropropane-d6	9.27	67	84302	25.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.16%
37) Toluene-d8	10.32	98	219251	23.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.40%
38) trans-1,3-Dichloropropene-	10.58	79	30961	20.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.12%
39) 2-Hexanone-d5	10.93	63	44658	59.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	74795	26.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	73397	25.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.96%

Target Compounds

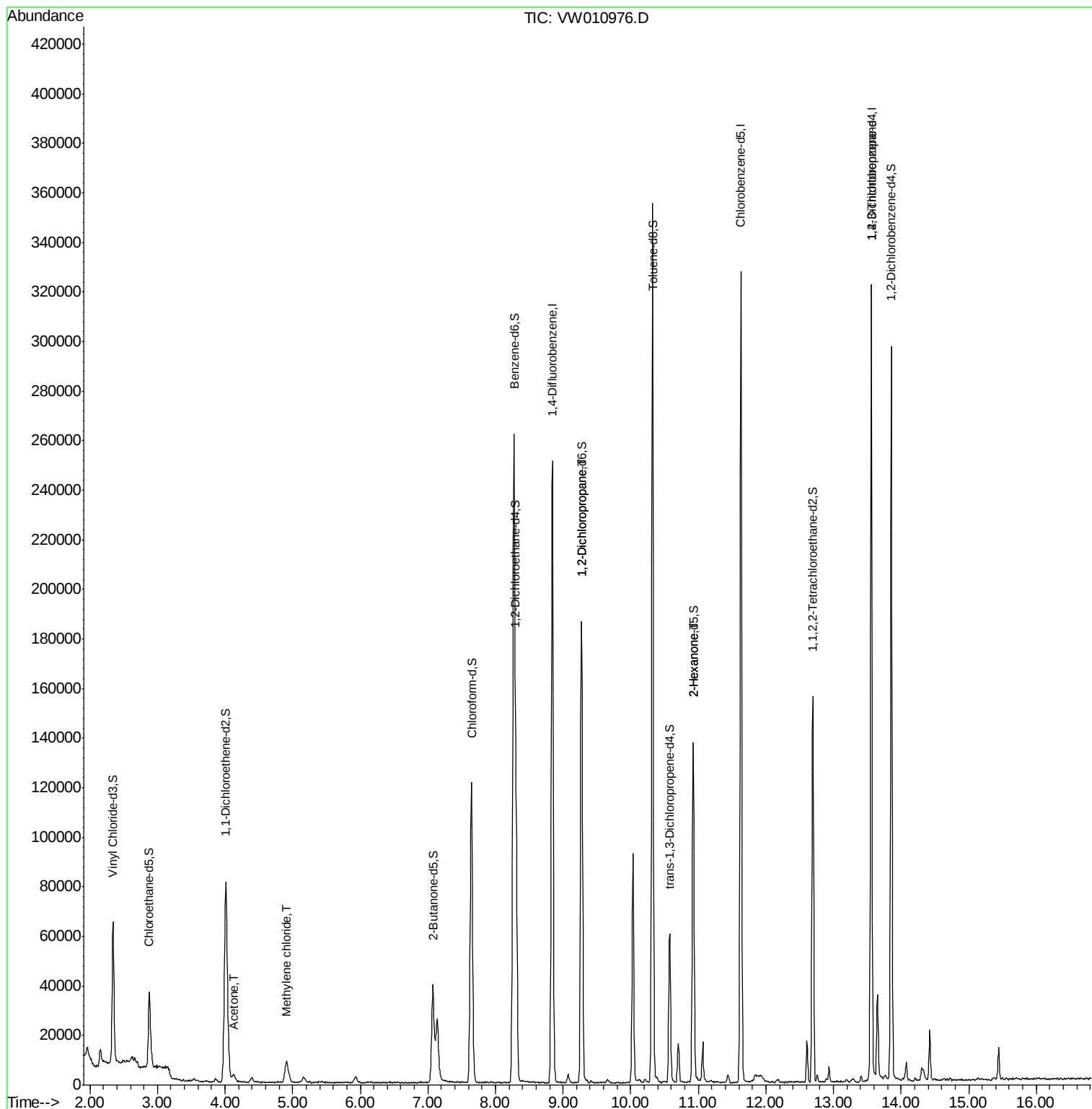
					Qvalue
13) Acetone	4.12	43	3934	3.478 ug/L	86
16) Methylene chloride	4.91	84	6857	2.386 ug/L	98
40) 1,2-Dichloropropane	9.27	63	9941	3.239 ug/L #	88
49) 2-Hexanone	10.93	43	6787	3.350 ug/L #	67
59) 1,2,3-Trichloropropane	13.56	75	11058	5.179 ug/L	89

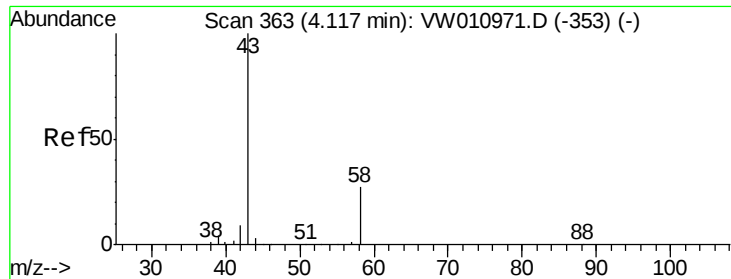
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.478 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW010976.D

Acq: 25 Jun 2019 19:27

Instrument :

MSVOA_W

ClientSampled :

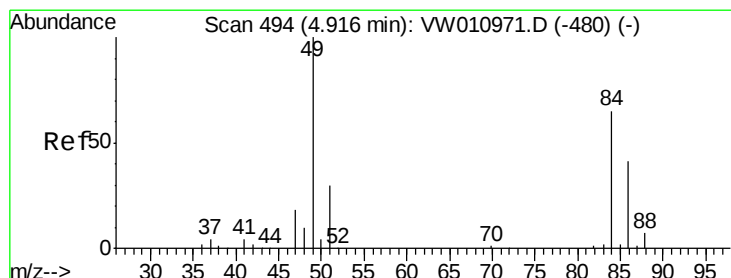
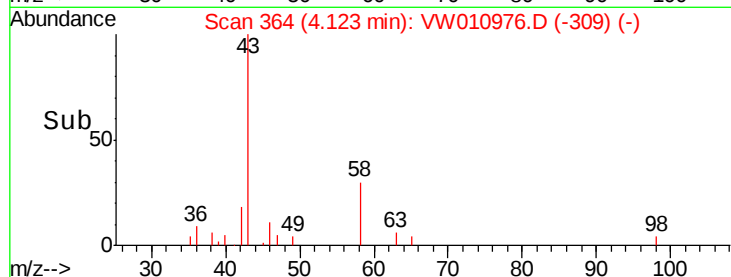
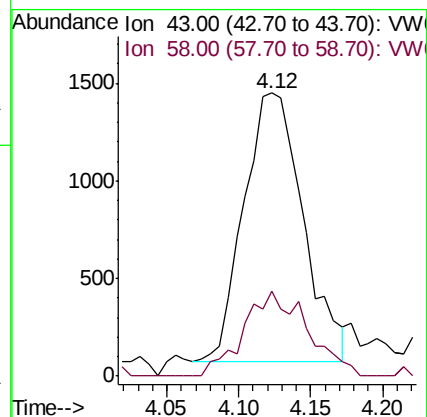
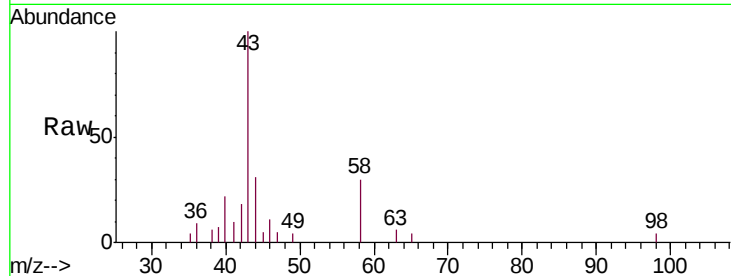
YANT4

Tgt Ion: 43 Resp: 3934

Ion Ratio Lower Upper

43 100

58 19.4 0.0 53.2



#16

Methylene chloride

Concen: 2.386 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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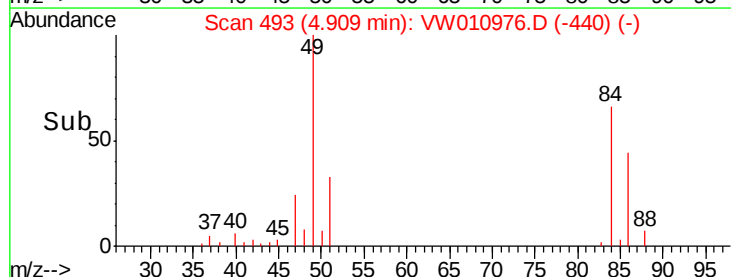
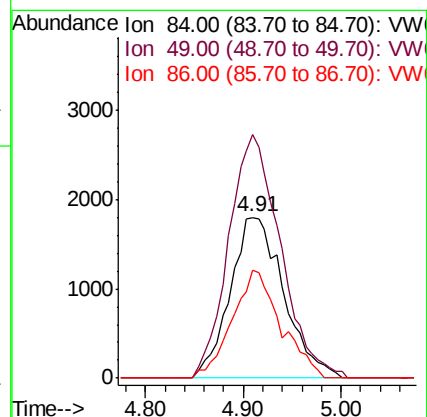
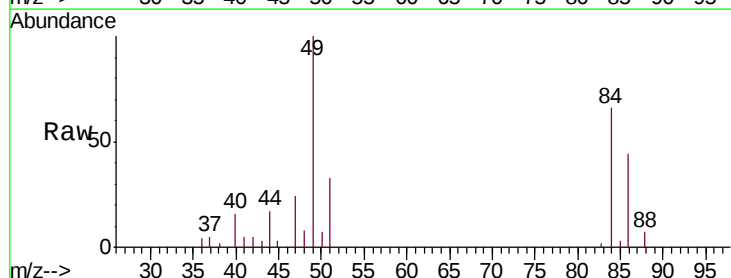
Tgt Ion: 84 Resp: 6857

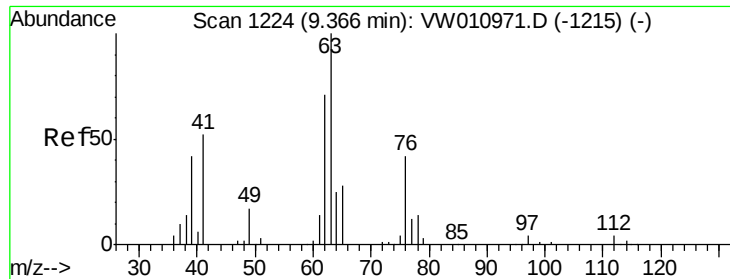
Ion Ratio Lower Upper

84 100

49 151.6 107.0 198.8

86 67.3 44.4 82.5

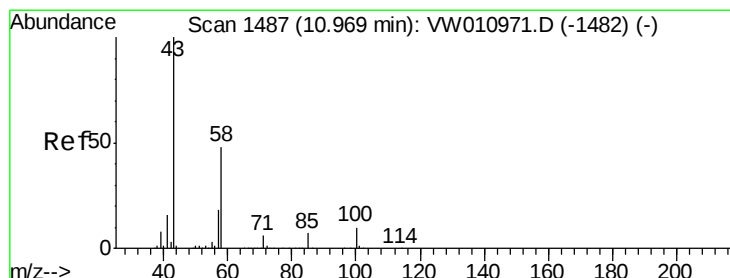
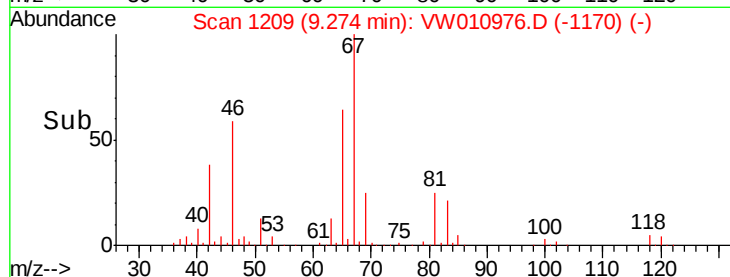
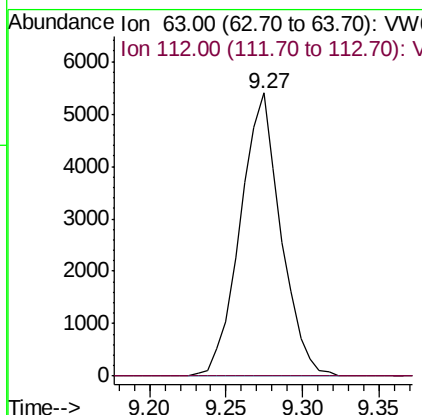
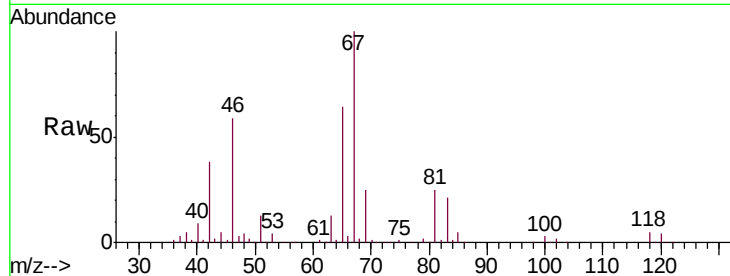




#40
 1,2-Dichloropropane
 Concen: 3.239 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.09 min
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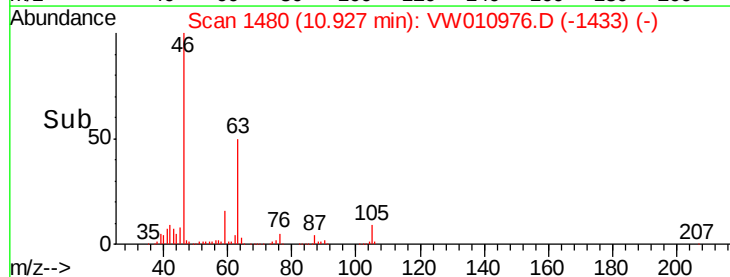
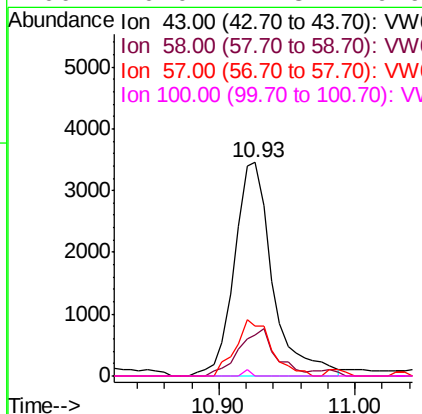
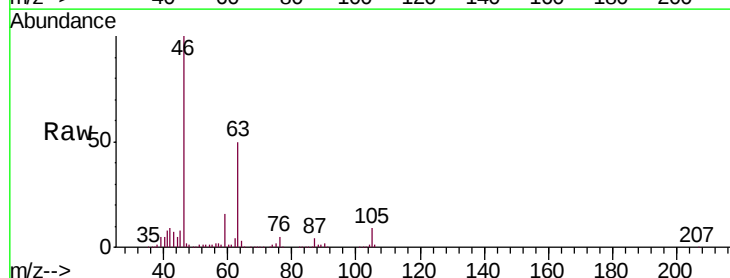
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 YANT4

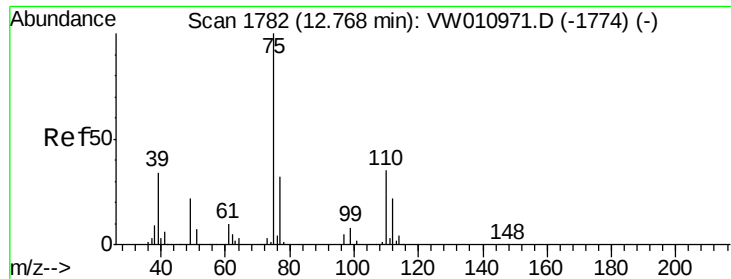
Tgt Ion: 63 Resp: 9941
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.3 4.9#



#49
 2-Hexanone
 Concen: 3.350 ug/L
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.04 min
 Lab File: VW010976.D
 Acq: 25 Jun 2019 19:27

Tgt Ion: 43 Resp: 6787
 Ion Ratio Lower Upper
 43 100
 58 20.9 38.3 57.5#
 57 24.6 13.8 20.8#
 100 0.0 7.3 10.9#





#59

1,2,3-Trichloropropane

Concen: 5.179 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW010976.D

Acq: 25 Jun 2019 19:27

Instrument :

MSVOA_W

ClientSampleId :

YANT4

Tgt Ion: 75 Resp: 11058

Ion Ratio Lower Upper

75 100

77 37.3 25.2 37.8

