

Data File : VW006887.D
Acq On : 15 Nov 2018 00:43
Operator : SY/AP
Sample : J5944-06
Misc : 5.61G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETHS4

Quant Time: Nov 15 03:42:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 15 03:38:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	188453	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	182265	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	84122	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	34844	20.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.28%
7) Chloroethane-d5	2.89	69	26987	22.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.80%
10) 1,1-Dichloroethene-d2	4.02	63	67771	15.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.64%
20) 2-Butanone-d5	7.09	46	24454	26.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.04%
24) Chloroform-d	7.65	84	84011	20.14	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.56%
26) 1,2-Dichloroethane-d4	8.31	65	50006	21.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.96%
29) Benzene-d6	8.28	84	186475	19.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.28%
33) 1,2-Dichloropropane-d6	9.28	67	56193	19.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	77.08%
37) Toluene-d8	10.33	98	194501	19.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.72%
38) trans-1,3-Dichloropropene-	10.58	79	23014	18.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.48%
39) 2-Hexanone-d5	10.93	63	20355	28.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	41442	16.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	65.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	65630	20.60	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.40%

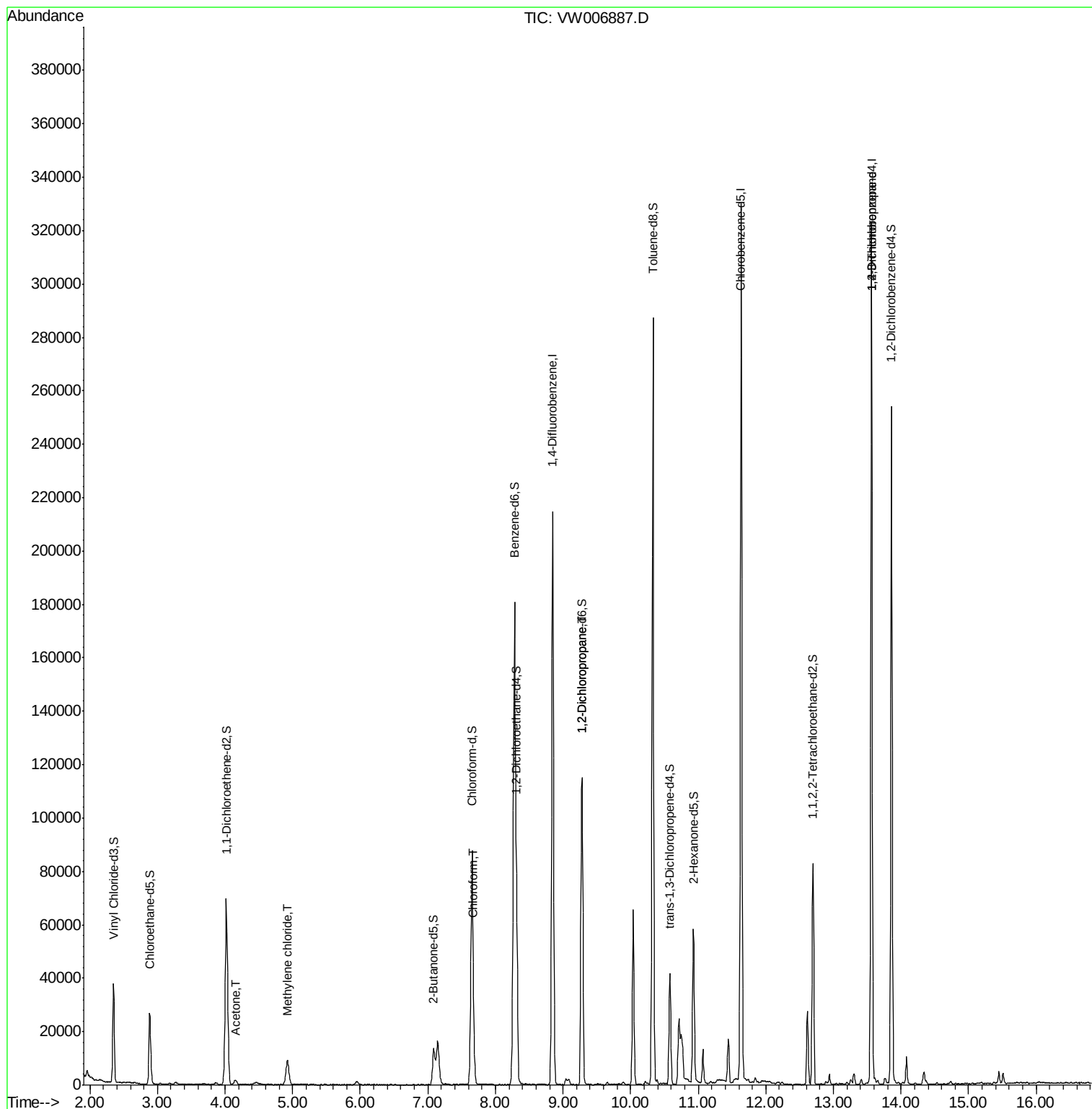
Target Compounds					Qvalue
13) Acetone	4.15	43	2312	3.892 ug/L	84
16) Methylene chloride	4.93	84	7137	2.166 ug/L	91
25) Chloroform	7.68	83	5590	1.205 ug/L	99
40) 1,2-Dichloropropane	9.27	63	6089	2.425 ug/L #	88
59) 1,2,3-Trichloropropane	13.56	75	10209	5.374 ug/L	90

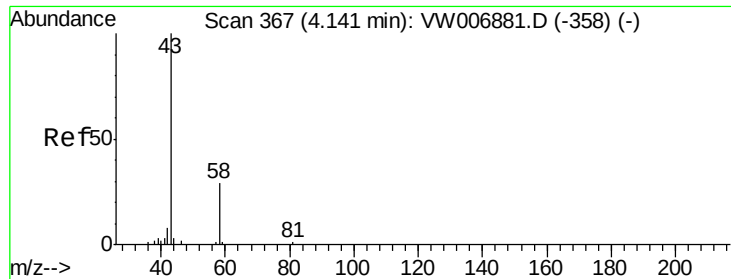
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.892 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

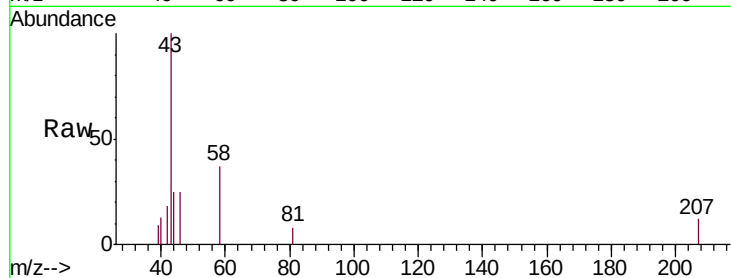
ETHS4

Tgt Ion: 43 Resp: 2312

Ion Ratio Lower Upper

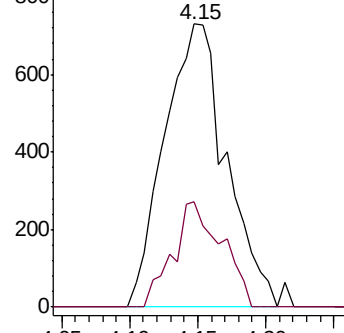
43 100

58 23.7 0.0 65.6

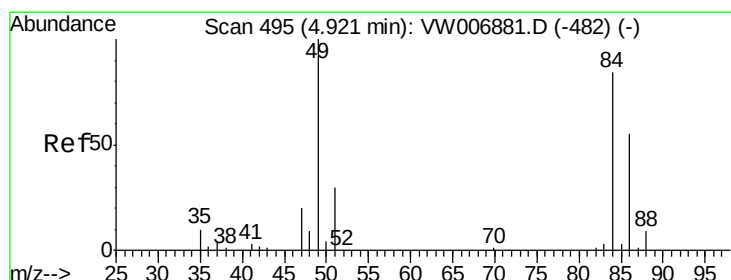
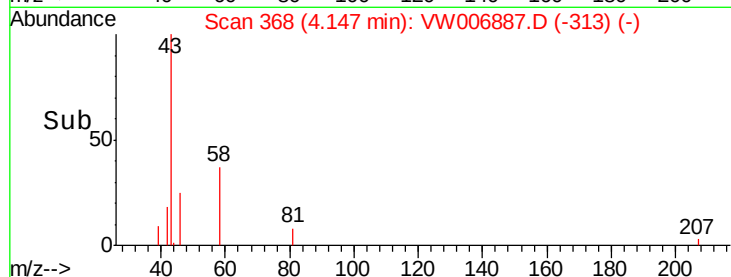


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->



#16

Methylene chloride

Concen: 2.166 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

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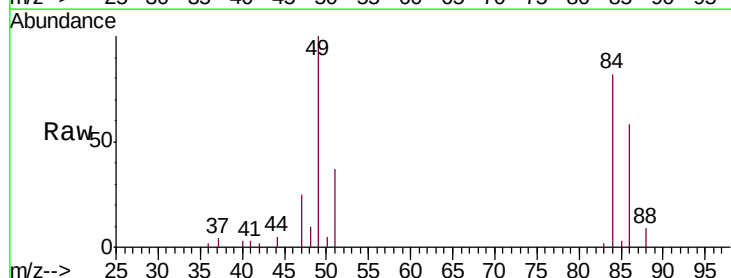
Tgt Ion: 84 Resp: 7137

Ion Ratio Lower Upper

84 100

49 121.5 79.3 147.3

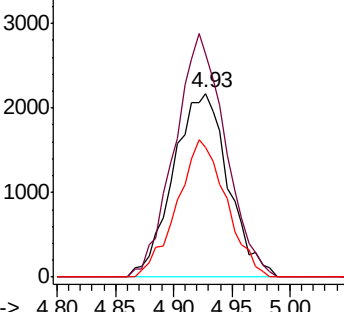
86 70.6 43.5 80.9



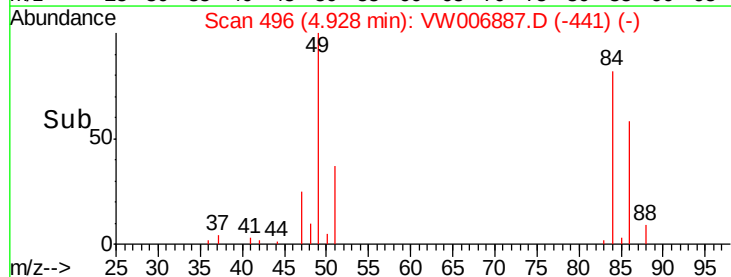
Abundance Ion 84.00 (83.70 to 84.70): VW

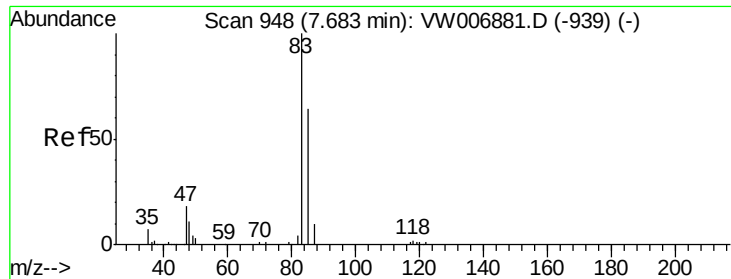
Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->

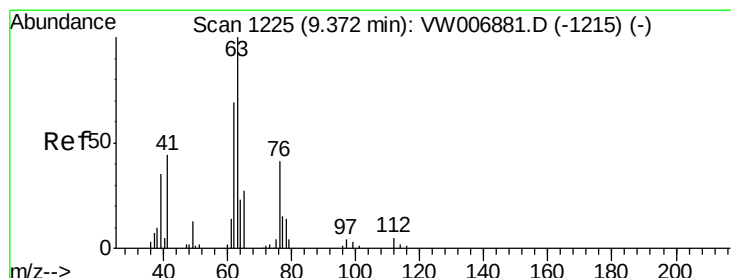
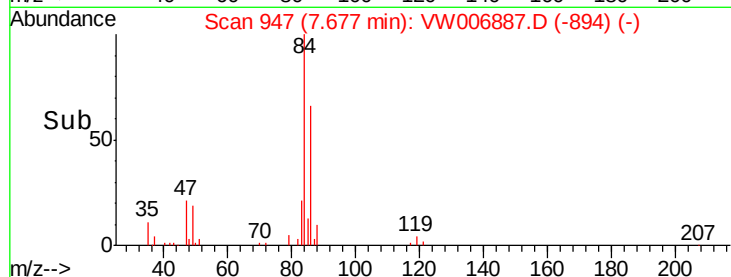
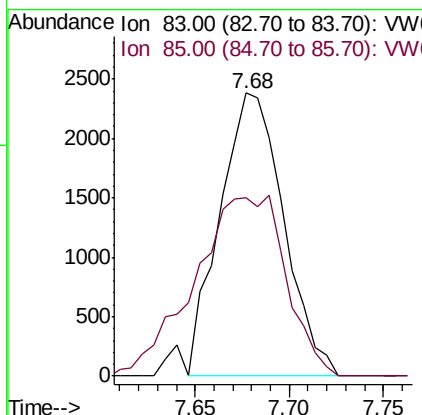
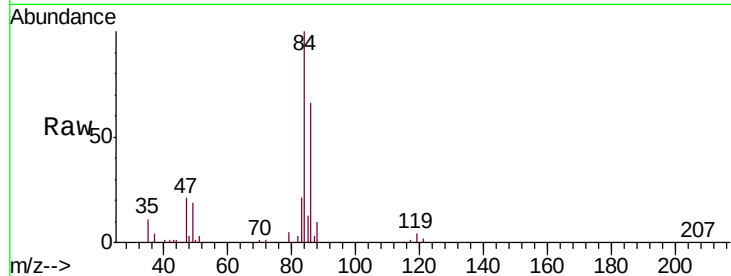




#25
Chloroform
Concen: 1.205 ug/L
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
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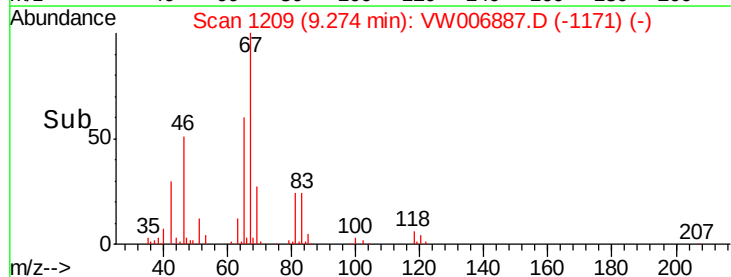
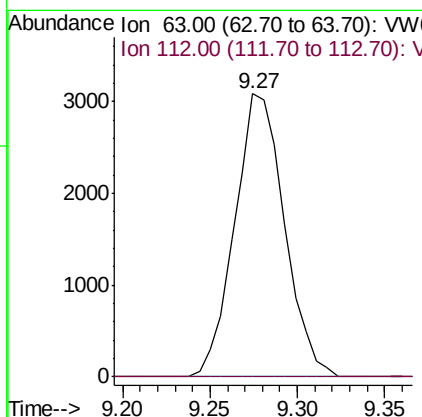
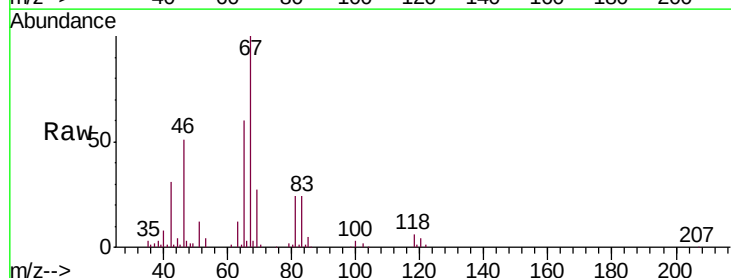
Instrument :
MSVOA_W
ClientSampled :
ETHS4

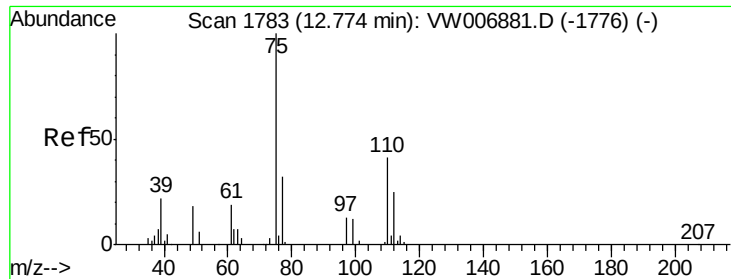
Tgt Ion: 83 Resp: 5590
Ion Ratio Lower Upper
83 100
85 65.6 45.4 84.2



#40
1,2-Dichloropropane
Concen: 2.425 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW006887.D
Acq: 15 Nov 2018 00:43

Tgt Ion: 63 Resp: 6089
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#





#59

1,2,3-Trichloropropane

Concen: 5.374 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW006887.D

Acq: 15 Nov 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

ETHS4

Tgt Ion: 75 Resp: 10209

Ion Ratio Lower Upper

75 100

77 38.8 26.5 39.7

