

Data File : VW006459.D
Acq On : 29 Oct 2018 16:50
Operator : SY/AP
Sample : J5705-06
Misc : 5.02G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40H3

Quant Time: Oct 30 04:58:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 30 04:53:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	329730	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	272999	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	104456	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	63509	17.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.32%
7) Chloroethane-d5	2.90	69	67667	21.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.56%
10) 1,1-Dichloroethene-d2	4.01	63	99886	13.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.96%
20) 2-Butanone-d5	7.09	46	39212	31.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.62%
24) Chloroform-d	7.65	84	170116	23.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.28%
26) 1,2-Dichloroethane-d4	8.31	65	94897	24.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.08%
29) Benzene-d6	8.27	84	316206	25.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.04%
33) 1,2-Dichloropropane-d6	9.28	67	99215	26.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.08%
37) Toluene-d8	10.33	98	286657	23.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.52%
38) trans-1,3-Dichloropropene-	10.59	79	34787	19.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.56%
39) 2-Hexanone-d5	10.93	63	28320	31.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.66%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	81732	22.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	85367	23.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.36%

Target Compounds

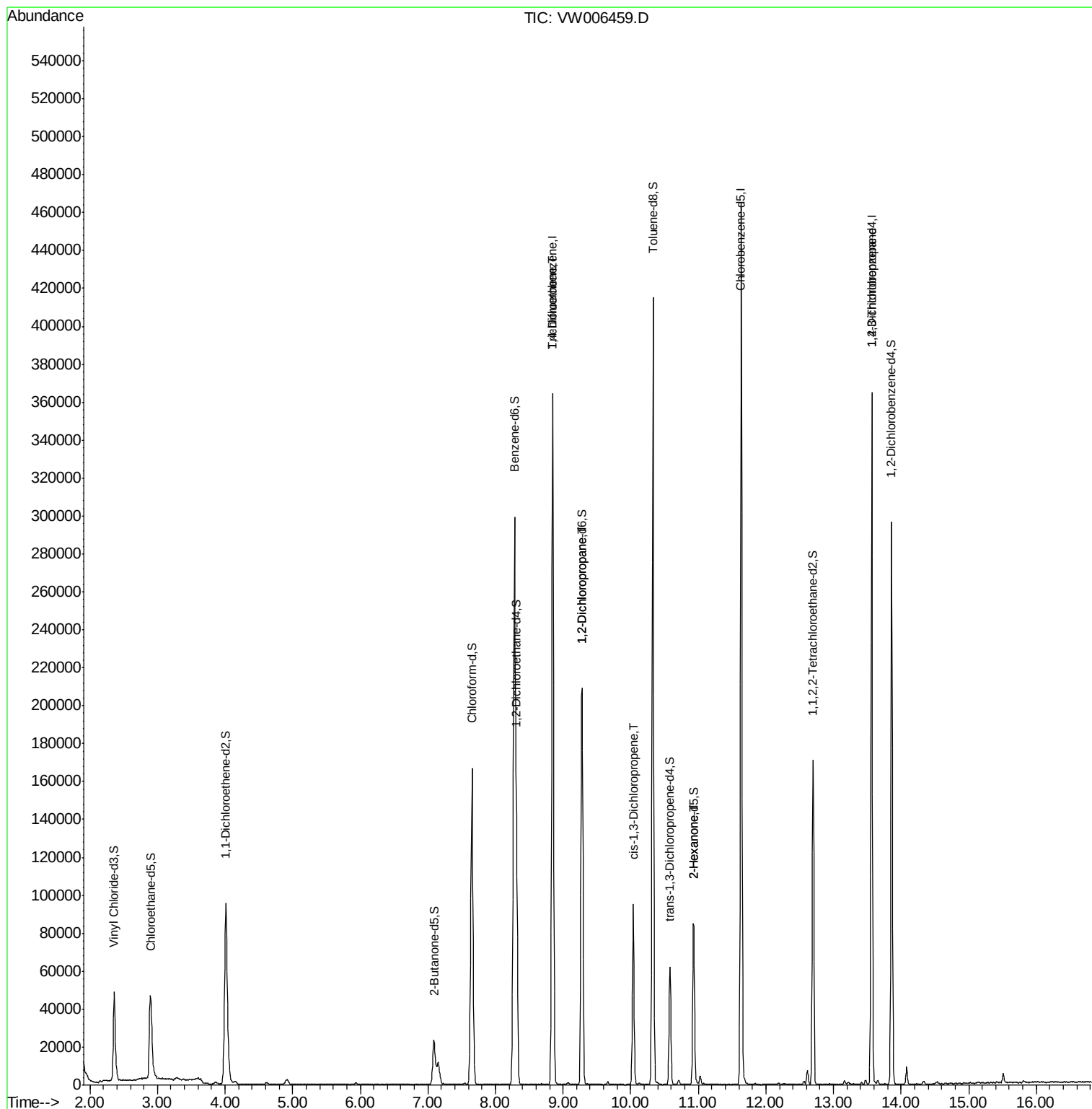
					Qvalue
35) Trichloroethene	8.85	95	9389	2.381 ug/L #	2
40) 1,2-Dichloropropane	9.28	63	11388	3.276 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	2480	0.437 ug/L #	66
49) 2-Hexanone	10.93	43	4758	2.317 ug/L #	67
59) 1,2,3-Trichloropropane	13.57	75	10446	3.721 ug/L	92

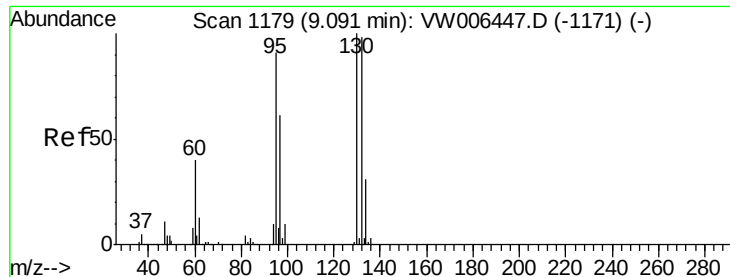
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Trichloroethene

Concen: 2.381 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

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Instrument :

MSVOA_W

ClientSampleId :

A40H3

Tgt Ion: 95 Resp: 9389

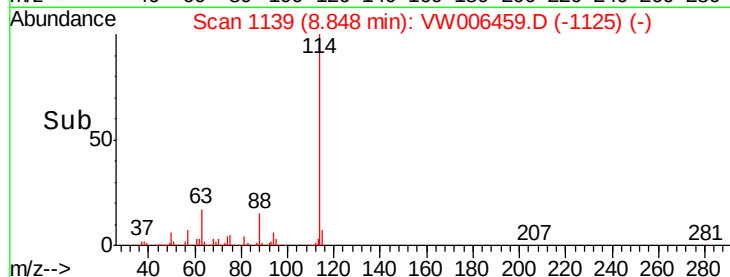
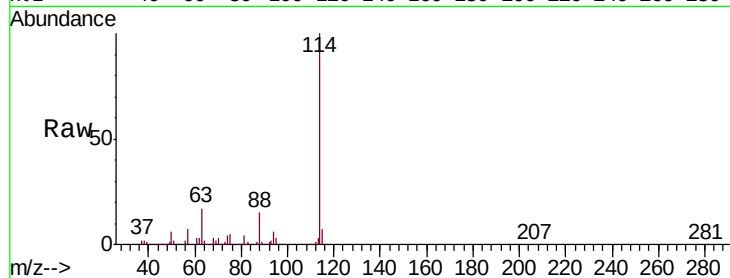
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 72.9 135.3#

130 0.0 75.8 140.8#

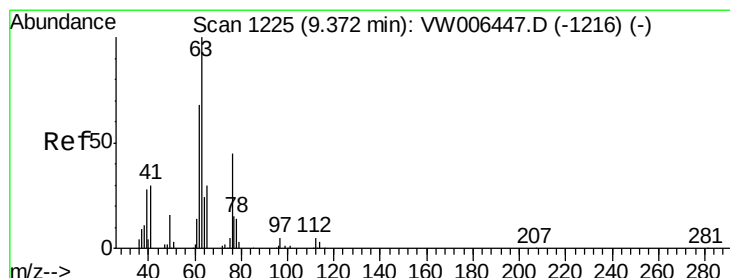
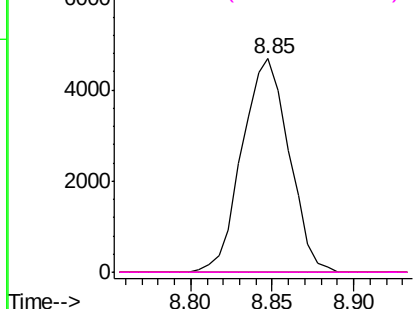


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#40

1,2-Dichloropropane

Concen: 3.276 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

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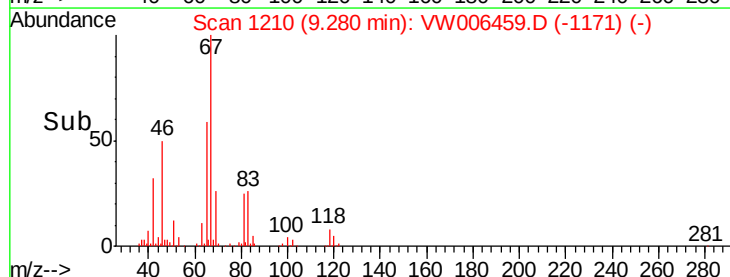
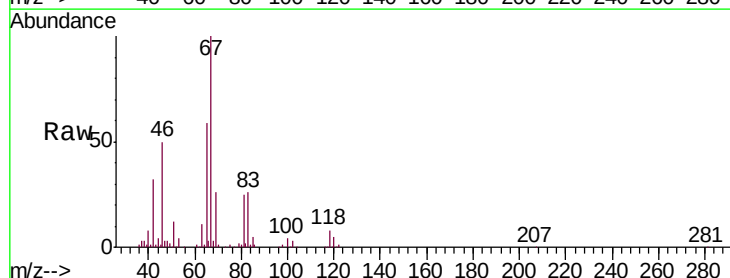
Acq: 29 Oct 2018 16:50

Tgt Ion: 63 Resp: 11388

Ion Ratio Lower Upper

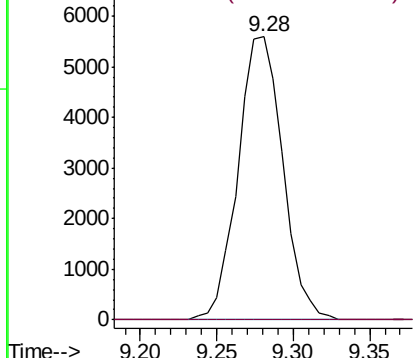
63 100

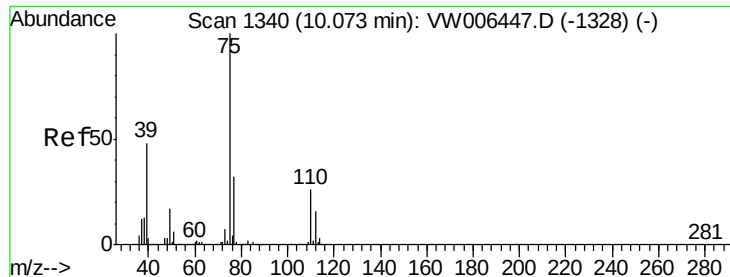
112 0.0 3.5 5.3#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.437 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

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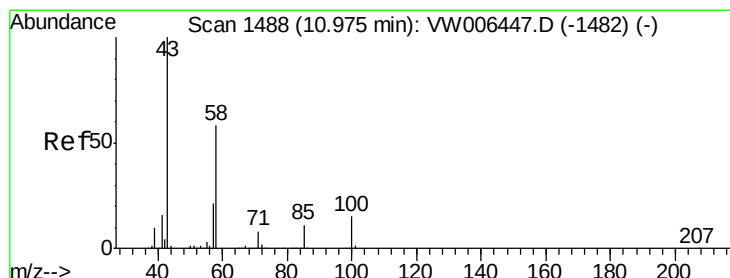
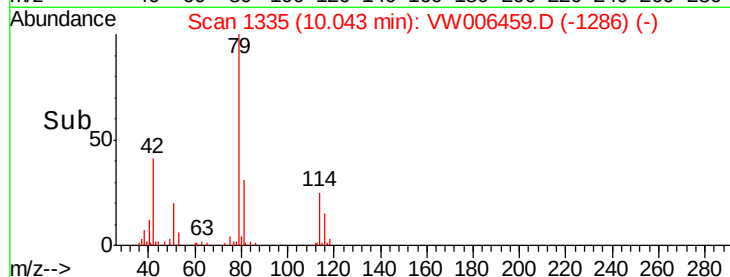
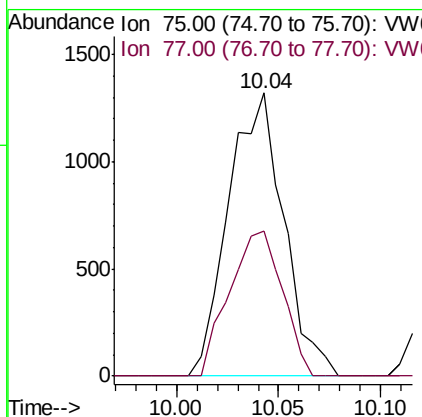
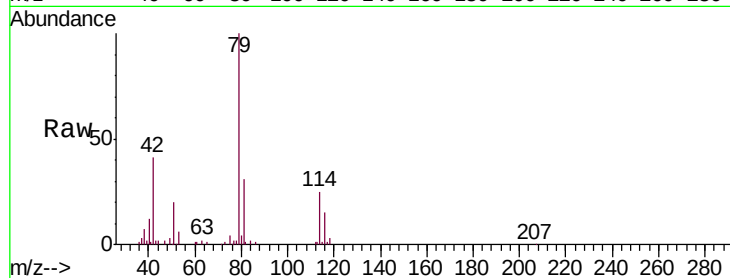
A40H3

Tgt Ion: 75 Resp: 2480

Ion Ratio Lower Upper

75 100

77 51.2 22.6 42.0#



#49

2-Hexanone

Concen: 2.317 ug/L

RT: 10.93 min Scan# 1481

Delta R.T. -0.04 min

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Tgt Ion: 43 Resp: 4758

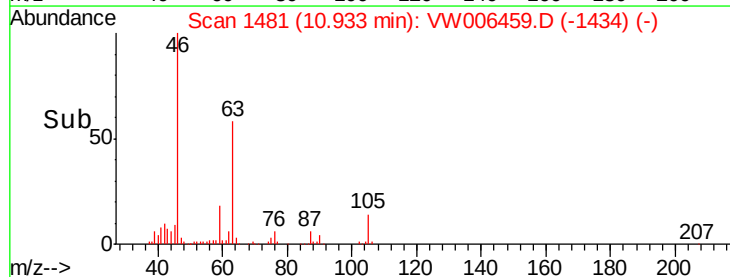
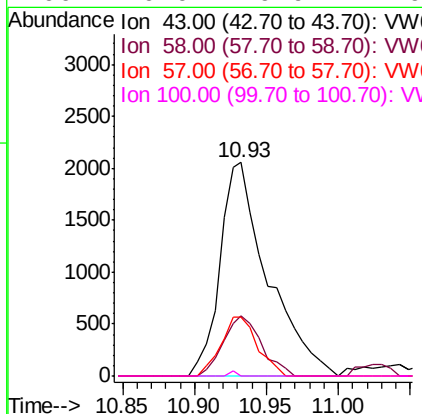
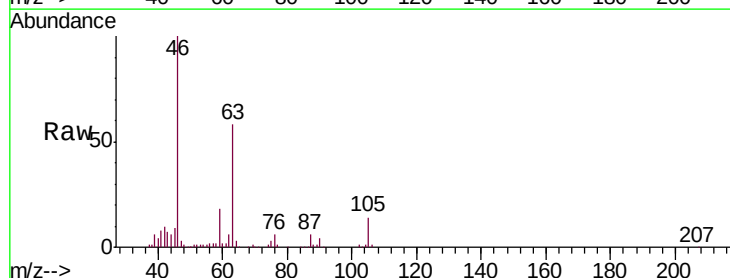
Ion Ratio Lower Upper

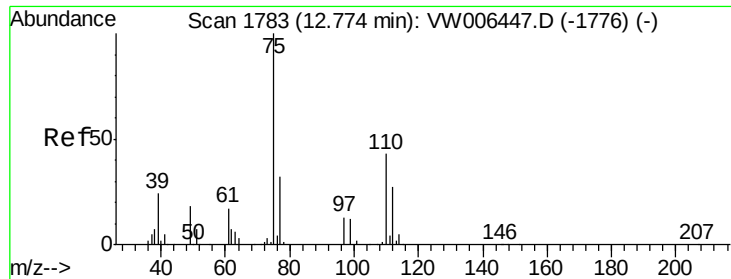
43 100

58 22.4 42.1 63.1#

57 21.1 15.1 22.7

100 0.0 9.9 14.9#





#59

1,2,3-Trichloropropane

Concen: 3.721 ug/L

RT: 13.57 min Scan# 1913

Delta R.T. 0.79 min

Lab File: VW006459.D

Acq: 29 Oct 2018 16:50

Instrument :

MSVOA_W

ClientSampleId :

A40H3

Tgt Ion: 75 Resp: 10446

Ion Ratio Lower Upper

75 100

77 36.8 25.9 38.9

