

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100118\
 Data File : VW005757.D
 Acq On : 02 Oct 2018 01:56
 Operator : SY/AP
 Sample : J5181-04
 Misc : 3.75G/105ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 02 07:20:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 02 07:19:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	108263	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	111012	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	49492	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	19336	14.01	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.04%
7) Chloroethane-d5	2.89	69	18033	16.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.00%
10) 1,1-Dichloroethene-d2	4.01	63	34769	11.54	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.16%
20) 2-Butanone-d5	7.09	46	25526	57.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.22%
24) Chloroform-d	7.65	84	64047	23.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.12%
26) 1,2-Dichloroethane-d4	8.31	65	43448	25.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.16%
29) Benzene-d6	8.27	84	108824	19.80	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.20%
33) 1,2-Dichloropropane-d6	9.27	67	39206	24.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.72%
37) Toluene-d8	10.33	98	92887	17.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.48%
38) trans-1,3-Dichloropropene-	10.59	79	16681	20.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.00%
39) 2-Hexanone-d5	10.93	63	17009	45.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	42888	27.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.20%
61) 1,2-Dichlorobenzene-d4	13.86	152	40580	23.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.68%

Target Compounds

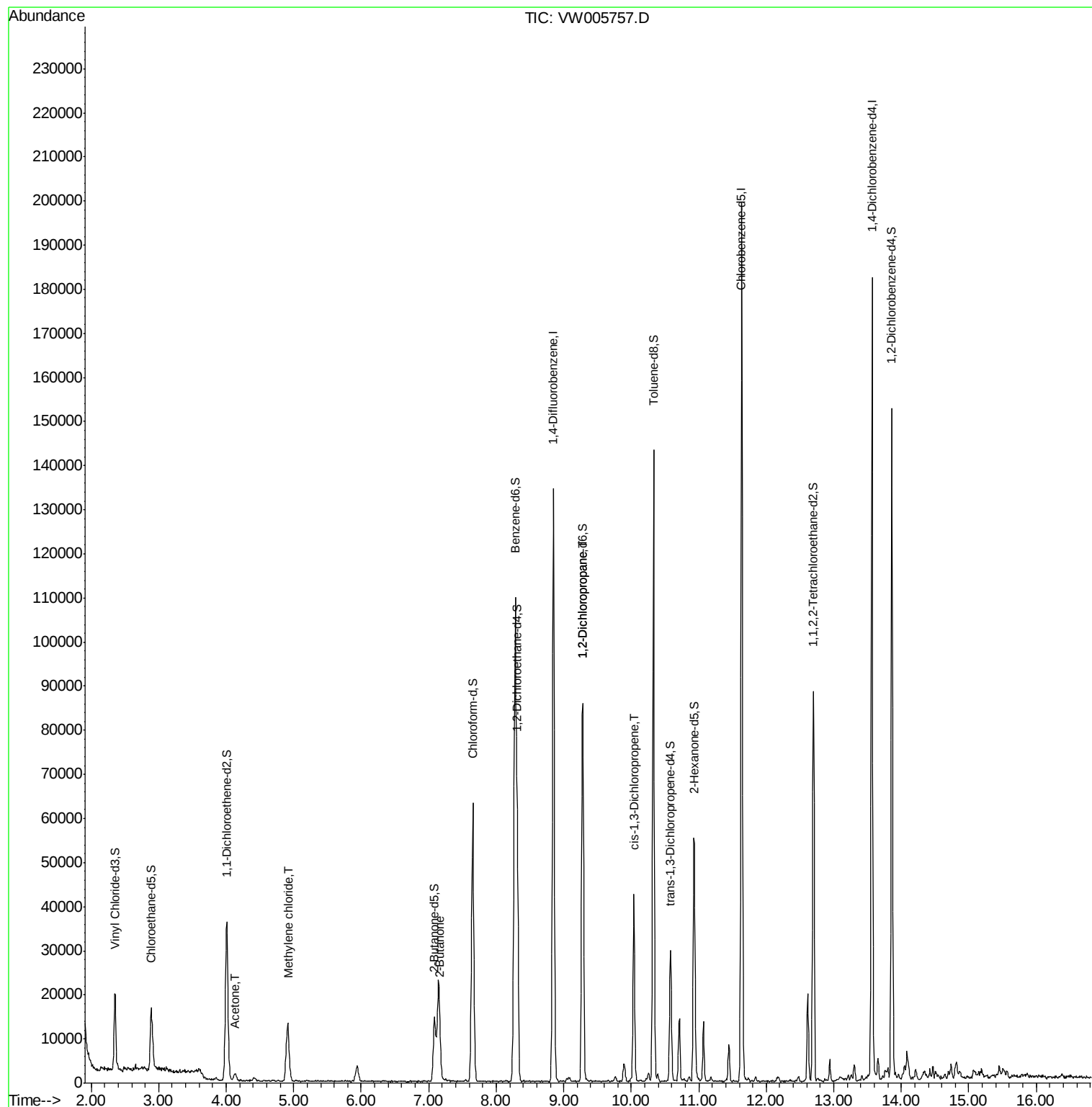
					Ovalue
13) Acetone	4.13	43	1326	2.874 ug/L #	12
16) Methylene chloride	4.92	84	9644	5.403 ug/L	92
21) 2-Butanone	7.17	43	469	0.849 ug/L #	68
40) 1,2-Dichloropropane	9.28	63	4596	3.007 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	1160	0.460 ug/L #	56

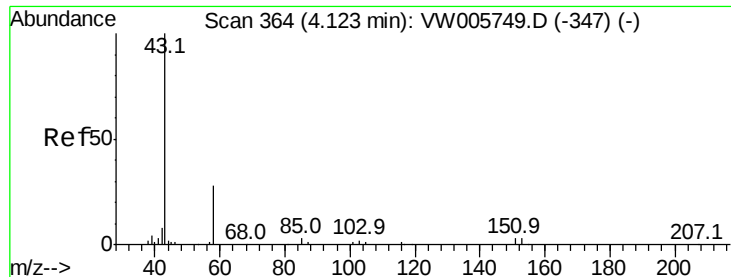
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.874 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW005757.D

Acq: 02 Oct 2018 01:56

Instrument :

MSVOA_W

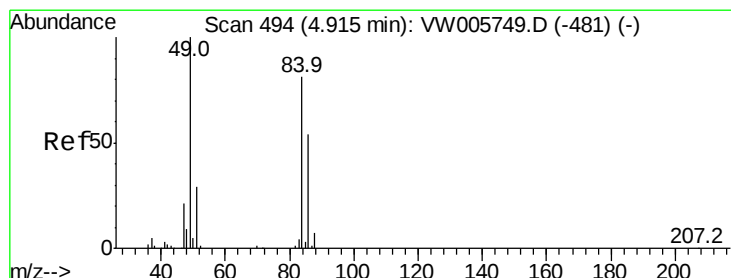
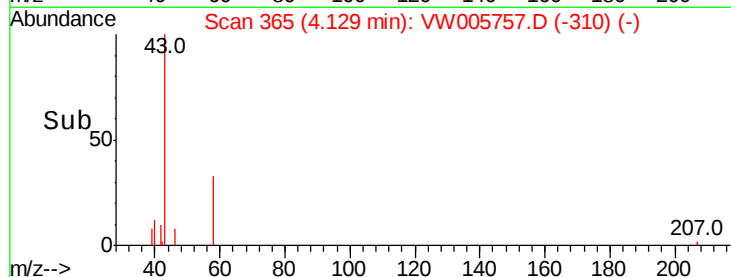
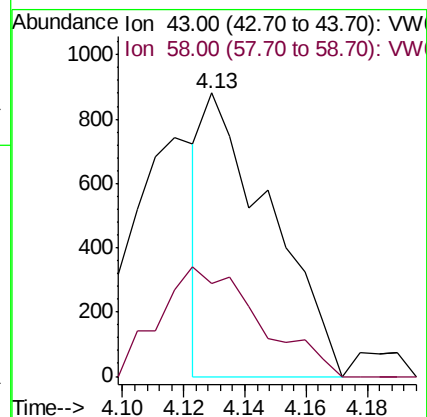
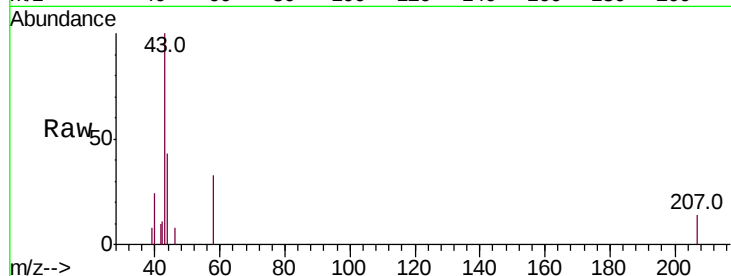
ClientSampleId :

Tot Ion: 43 Resp: 1326

Ion Ratio Lower Upper

43 100

58 53.2 0.0 31.8#



#16

Methylene chloride

Concen: 5.403 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

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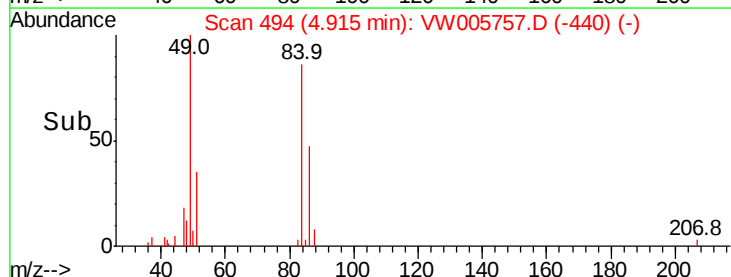
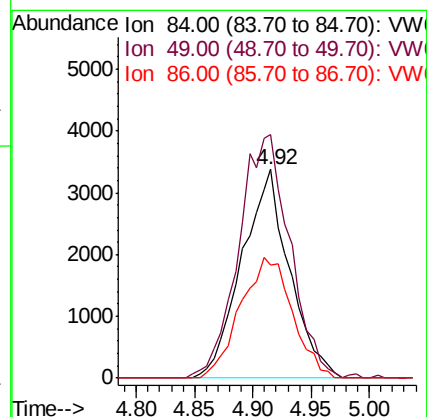
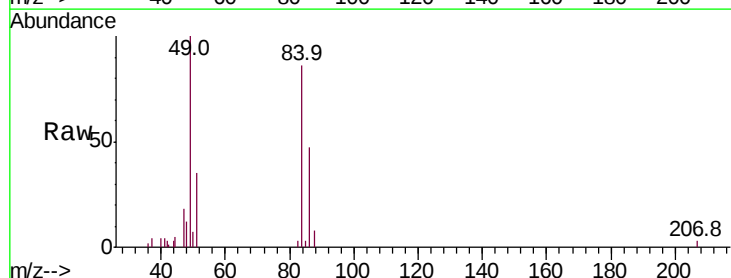
Tgt Ion: 84 Resp: 9644

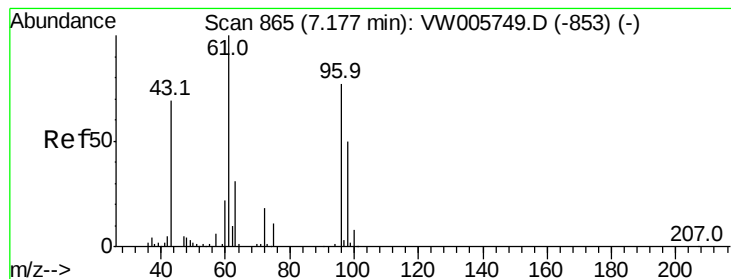
Ion Ratio Lower Upper

84 100

49 116.8 87.2 162.0

86 54.3 43.2 80.2





#21

2-Butanone

Concen: 0.849 ug/L

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

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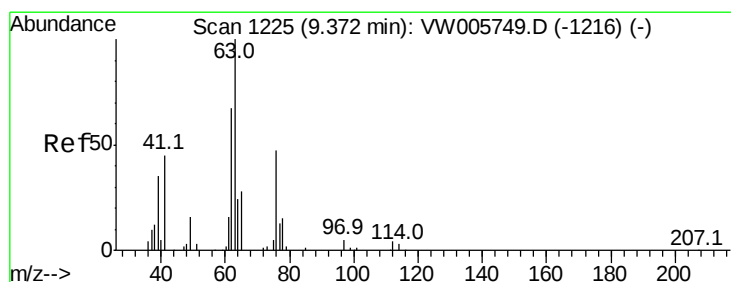
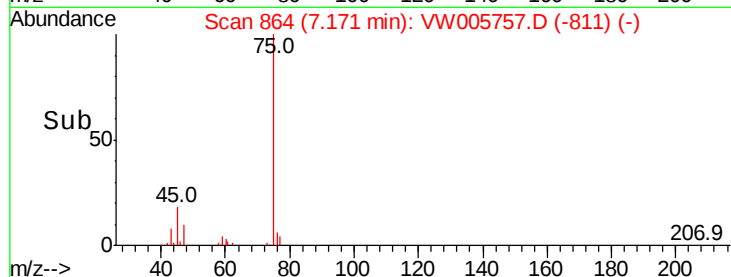
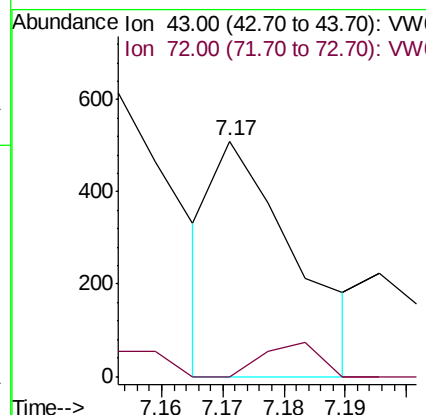
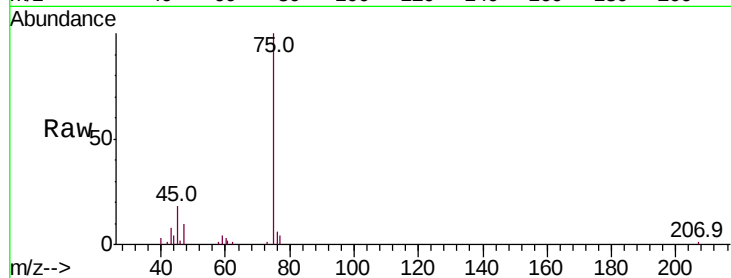
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 469

Ion Ratio Lower Upper

43 100

72 10.2 13.2 39.6#



#40

1,2-Dichloropropane

Concen: 3.007 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

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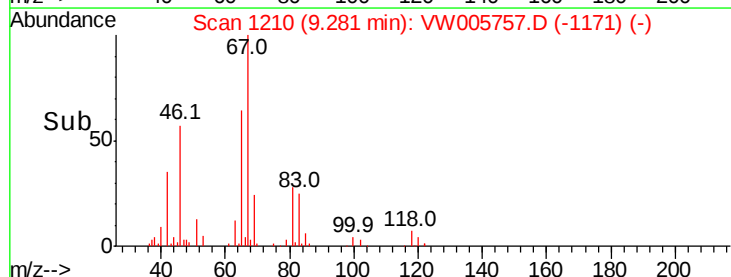
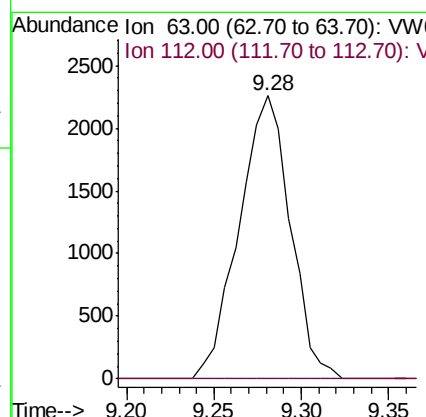
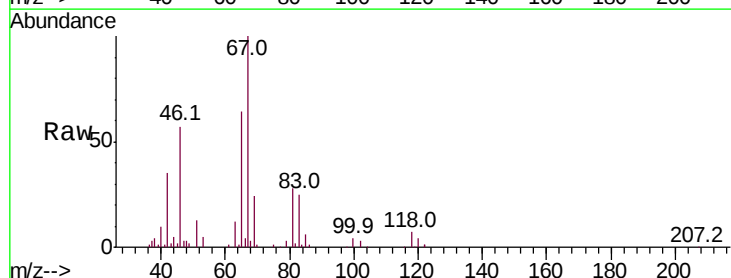
Acq: 02 Oct 2018 01:56

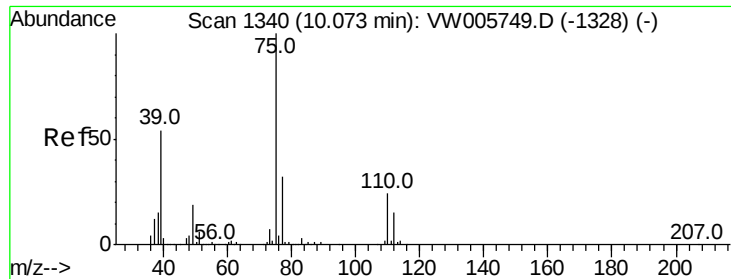
Tgt Ion: 63 Resp: 4596

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#





#42

cis-1,3-Dichloropropene

Concen: 0.460 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW005757.D

Acq: 02 Oct 2018 01:56

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 1160

Ion Ratio Lower Upper

75 100

77 56.4 22.3 41.3#

