

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062118\
 Data File : VW003397.D
 Acq On : 21 Jun 2018 19:21
 Operator : SY/AP
 Sample : J3619-10
 Misc : 7.61G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DAZ76

Quant Time: Jun 22 04:56:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 22 04:53:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	300101	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	284694	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	122688	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	98371	24.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.68%
7) Chloroethane-d5	2.89	69	80483	23.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.80%
10) 1,1-Dichloroethene-d2	4.01	63	150257	18.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.36%
20) 2-Butanone-d5	7.09	46	80297	62.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.22%
24) Chloroform-d	7.65	84	190948	24.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.76%
26) 1,2-Dichloroethane-d4	8.31	65	124809	26.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.44%
29) Benzene-d6	8.28	84	362181	23.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.92%
33) 1,2-Dichloropropane-d6	9.28	67	119917	25.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.32%
37) Toluene-d8	10.33	98	340581	23.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.32%
38) trans-1,3-Dichloropropene-	10.58	79	52580	23.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.68%
39) 2-Hexanone-d5	10.93	63	58666	60.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.06%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	119658	26.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.60%
61) 1,2-Dichlorobenzene-d4	13.87	152	124305	26.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.32%

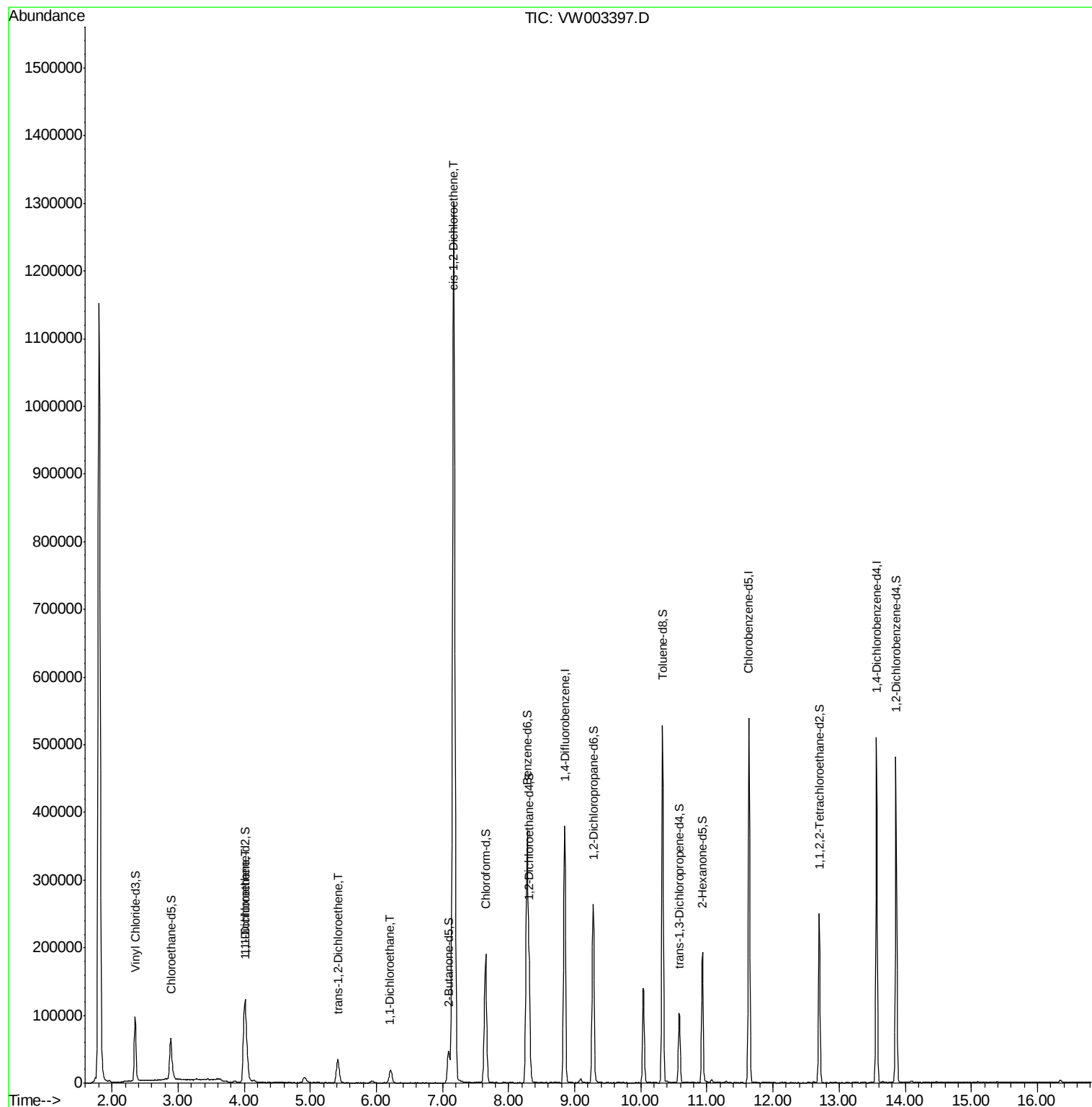
Target Compounds						Ovalue
12) 1,1-Dichloroethene	4.03	96	9697	2.58	ug/L	# 1
18) trans-1,2-Dichloroethene	5.42	96	20745	5.31	ug/L	93
19) 1,1-Dichloroethane	6.21	63	26141	3.58	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	754682	181.68	ug/L	97

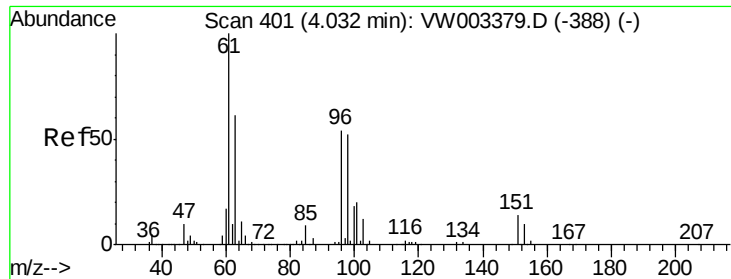
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 22 04:53:24 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 2.58 ug/L

RT: 4.03 min Scan# 400

Delta R.T. -0.01 min

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Acq: 21 Jun 2018 19:21

Instrument :

MSVOA_W

ClientSampled :

DAZ76

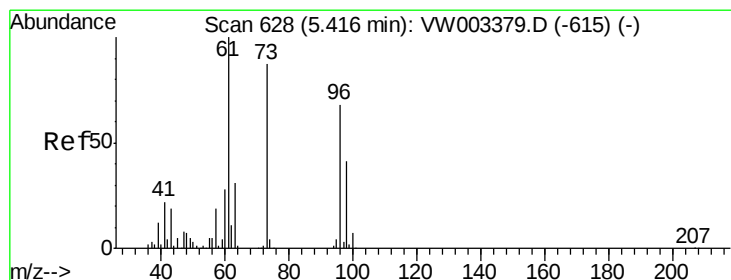
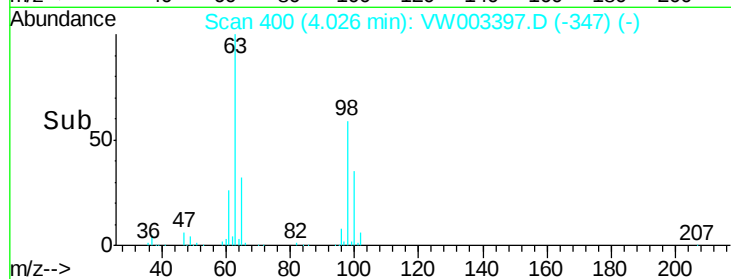
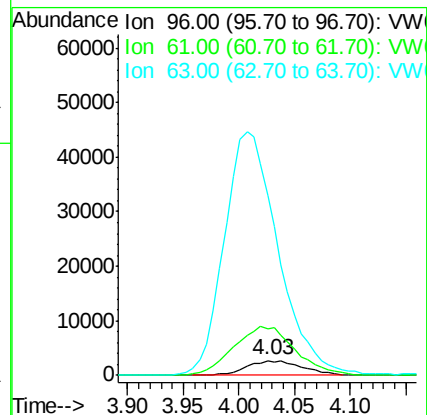
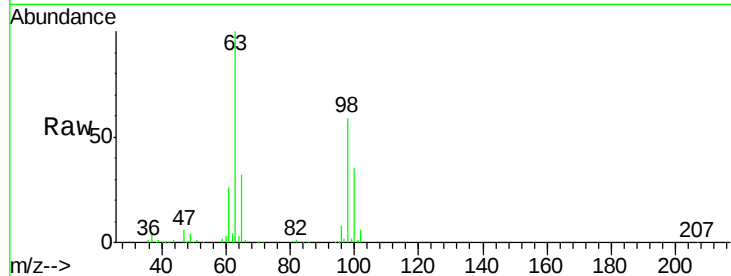
Tot Ion: 96 Resp: 9697

Ion Ratio Lower Upper

96 100

61 304.3 124.1 230.5#

63 1189.9 93.1 172.9#



#18

trans-1,2-Dichloroethene

Concen: 5.31 ug/L

RT: 5.42 min Scan# 628

Delta R.T. -0.00 min

Lab File: VW003397.D

Acq: 21 Jun 2018 19:21

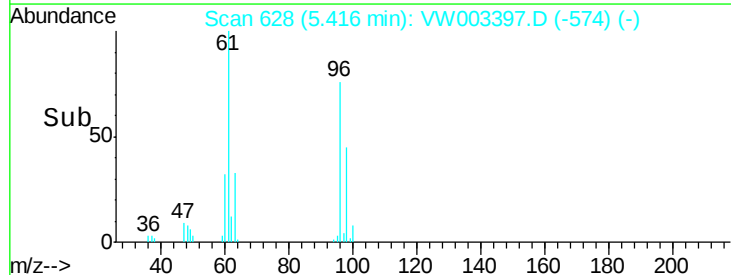
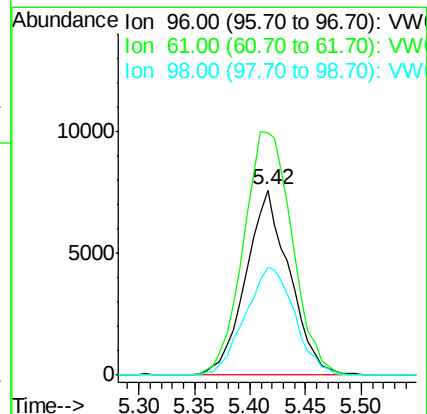
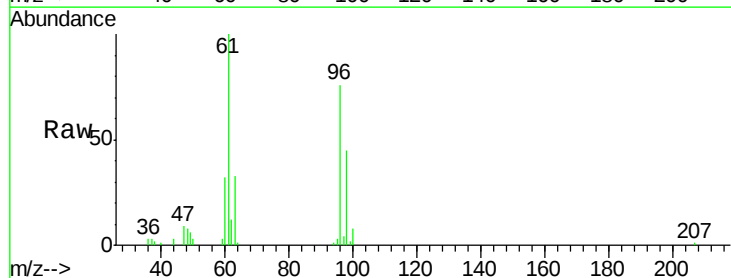
Tgt Ion: 96 Resp: 20745

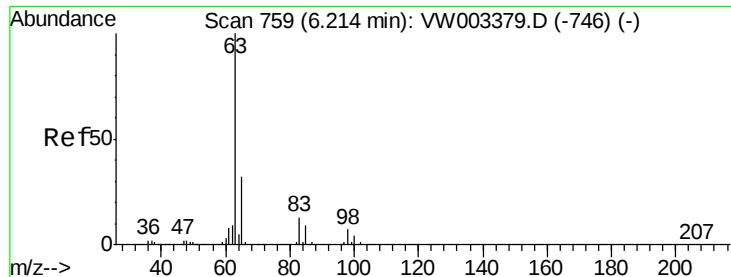
Ion Ratio Lower Upper

96 100

61 131.2 98.0 182.0

98 58.5 44.2 82.2

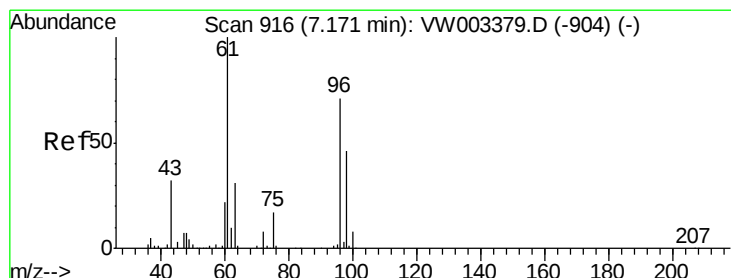
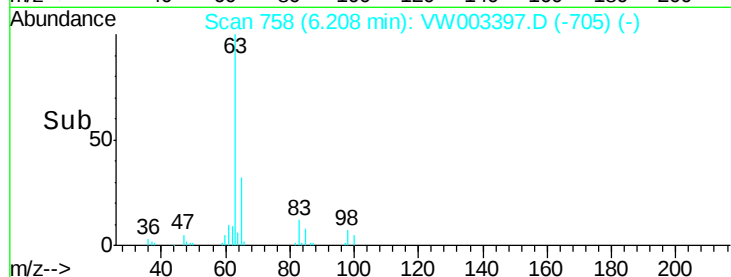
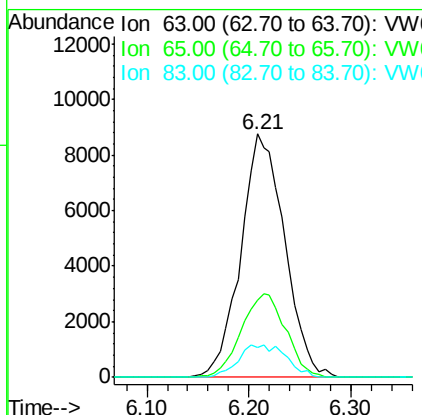
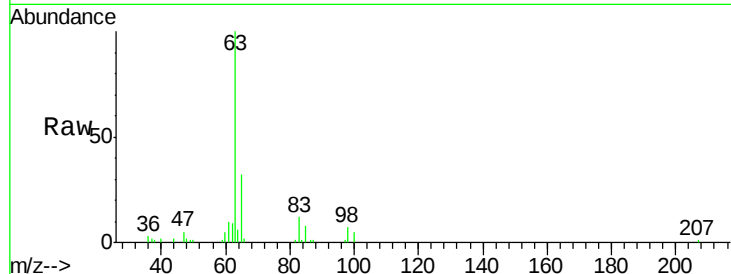




#19
 1,1-Dichloroethane
 Concen: 3.58 ug/L
 RT: 6.21 min Scan# 758
 Delta R.T. -0.01 min
 Lab File: VW003397.D
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Tot Ion	Ratio	Lower	Upper
63	100		
65	31.6	21.8	40.4
83	13.4	9.0	16.6



#22
 cis-1,2-Dichloroethene
 Concen: 181.68 ug/L
 RT: 7.17 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: VW003397.D
 Acq: 21 Jun 2018 19:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	135.1	97.7	181.5
98	64.8	45.0	83.6

