

Data File : VW011319.D
Acq On : 17 Jul 2019 21:24
Operator : SY/VA
Sample : K3863-06
Misc : 6.23G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52G3

Quant Time: Jul 18 06:41:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 18 06:37:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	212991	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	190931	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	80532	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	42542	13.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.32%
7) Chloroethane-d5	2.88	69	36509	16.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.00%
10) 1,1-Dichloroethene-d2	4.01	63	84328	12.24	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.96%
20) 2-Butanone-d5	7.07	46	67580	52.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.50%
24) Chloroform-d	7.65	84	121908	20.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.52%
26) 1,2-Dichloroethane-d4	8.30	65	82240	22.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.48%
29) Benzene-d6	8.27	84	238364	20.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.04%
33) 1,2-Dichloropropane-d6	9.27	67	86715	22.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.56%
37) Toluene-d8	10.32	98	196843	18.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.12%
38) trans-1,3-Dichloropropene-	10.58	79	31829	19.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.16%
39) 2-Hexanone-d5	10.93	63	44902	51.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	81112	25.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	67936	21.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.92%

Target Compounds

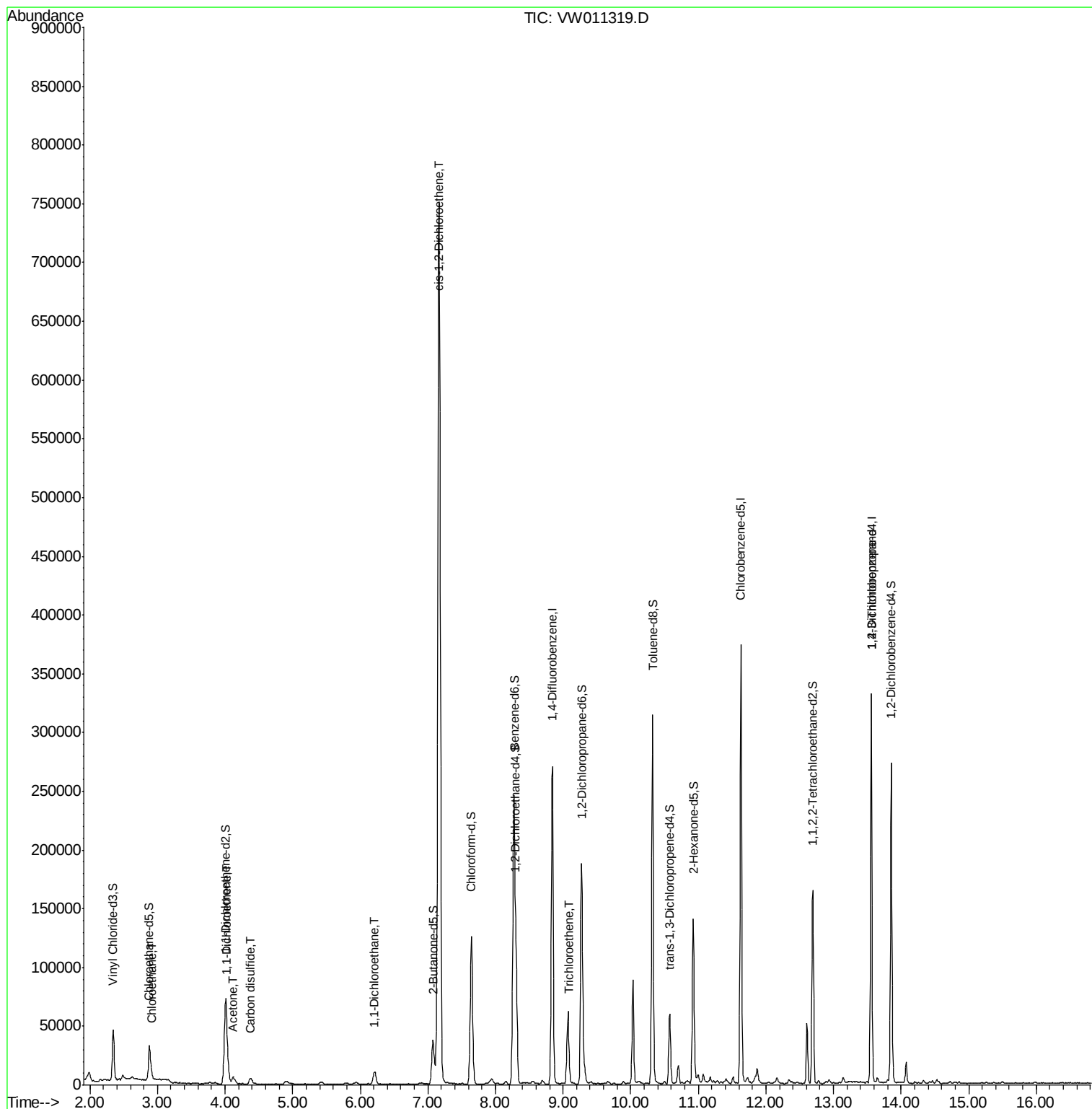
					Qvalue
8) Chloroethane	2.92	64	1591	0.848 ug/L #	78
12) 1,1-Dichloroethene	4.03	96	2361	0.844 ug/L #	1
13) Acetone	4.12	43	10852	8.672 ug/L	99
14) Carbon disulfide	4.37	76	8944	1.117 ug/L	97
19) 1,1-Dichloroethane	6.21	63	14774	2.573 ug/L	94
22) cis-1,2-Dichloroethene	7.16	96	417579	136.392 ug/L	99
35) Trichloroethene	9.09	95	2163	0.718 ug/L #	25
59) 1,2,3-Trichloropropane	13.55	75	10951	4.734 ug/L	91

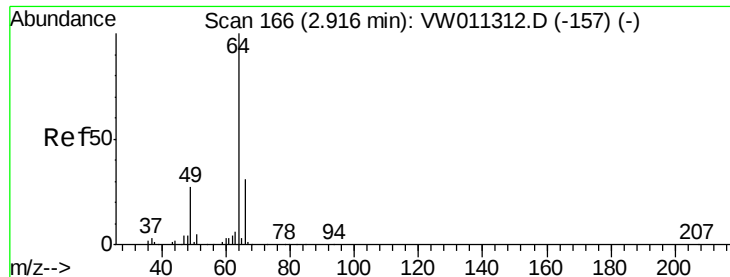
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.848 ug/L

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW011319.D

Acq: 17 Jul 2019 21:24

Instrument :

MSVOA_W

ClientSampled :

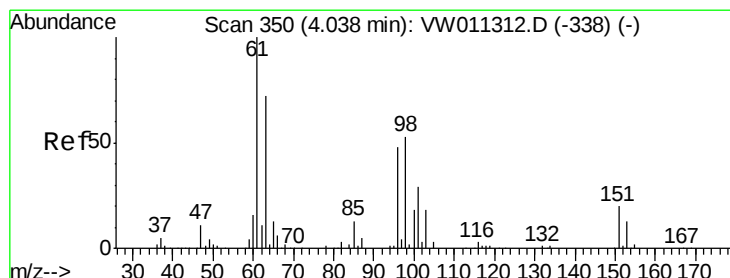
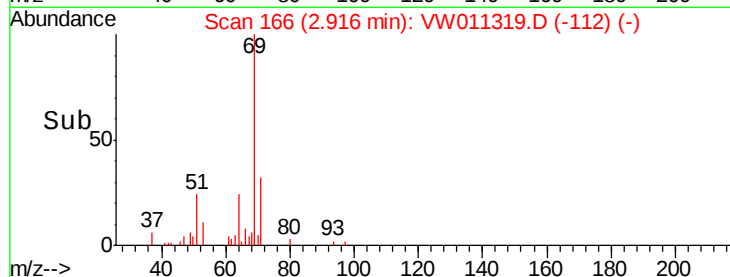
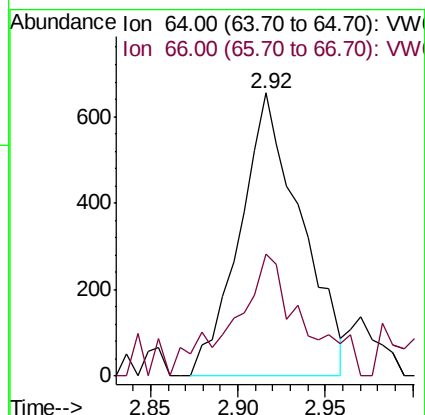
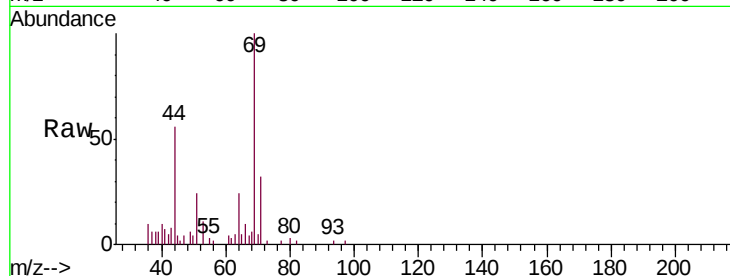
A52G3

Tgt Ion: 64 Resp: 1591

Ion Ratio Lower Upper

64 100

66 43.3 21.9 40.7#



#12

1,1-Dichloroethene

Concen: 0.844 ug/L

RT: 4.03 min Scan# 349

Delta R.T. -0.01 min

Lab File: VW011319.D

Acq: 17 Jul 2019 21:24

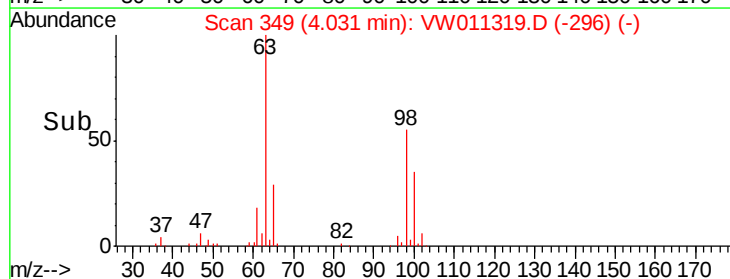
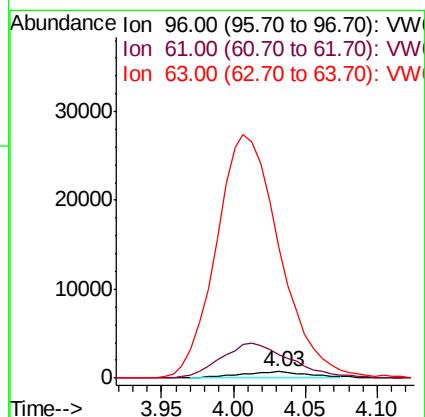
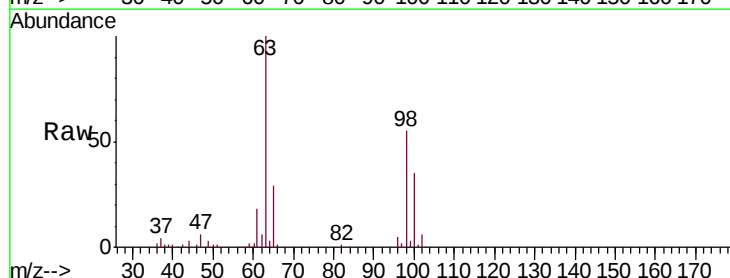
Tgt Ion: 96 Resp: 2361

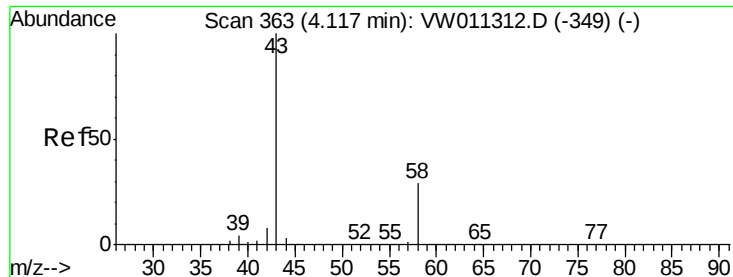
Ion Ratio Lower Upper

96 100

61 376.4 142.2 264.0#

63 2057.3 138.9 257.9#

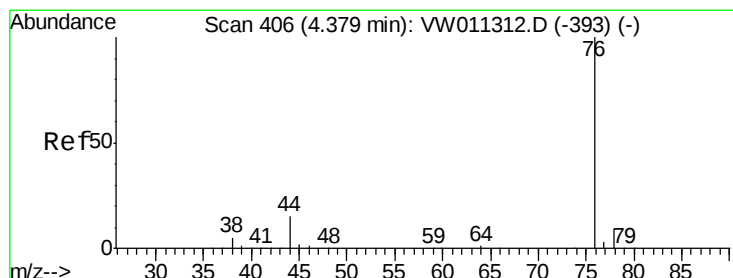
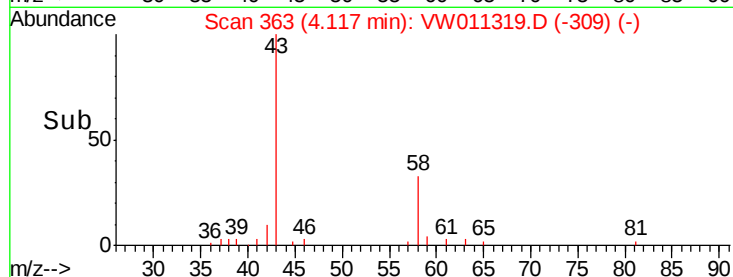
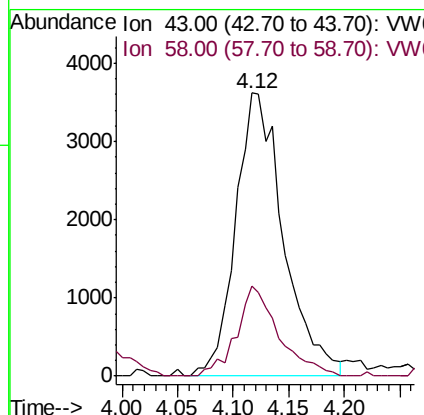
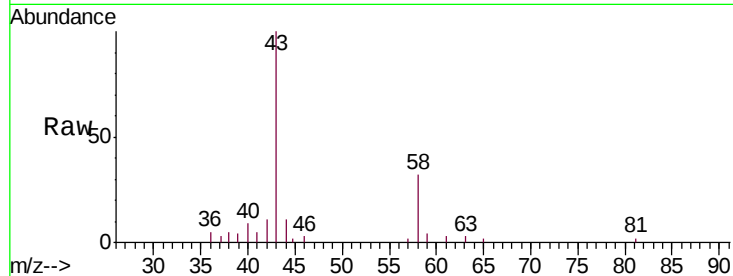




#13
Acetone
Concen: 8.672 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW011319.D
Acq: 17 Jul 2019 21:24

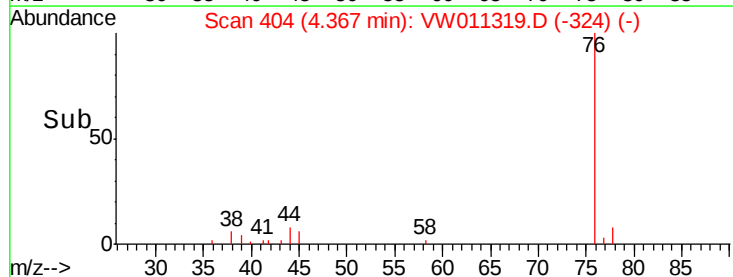
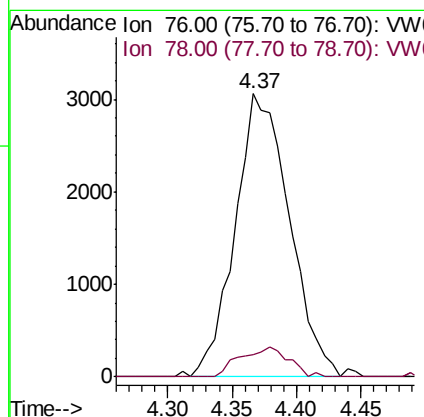
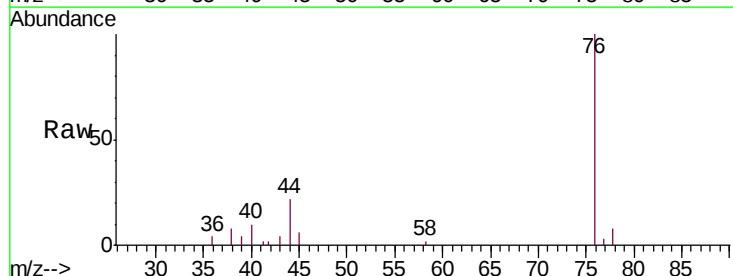
Instrument :
MSVOA_W
ClientSampled :
A52G3

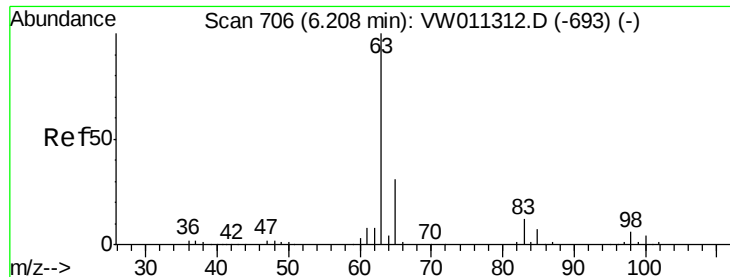
Tgt Ion: 43 Resp: 10852
Ion Ratio Lower Upper
43 100
58 28.2 0.0 55.0



#14
Carbon disulfide
Concen: 1.117 ug/L
RT: 4.37 min Scan# 404
Delta R.T. -0.01 min
Lab File: VW011319.D
Acq: 17 Jul 2019 21:24

Tgt Ion: 76 Resp: 8944
Ion Ratio Lower Upper
76 100
78 8.0 7.3 10.9

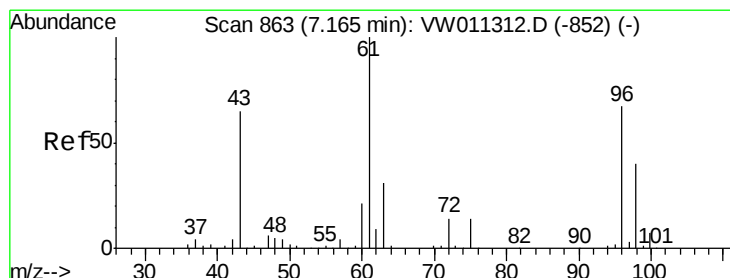
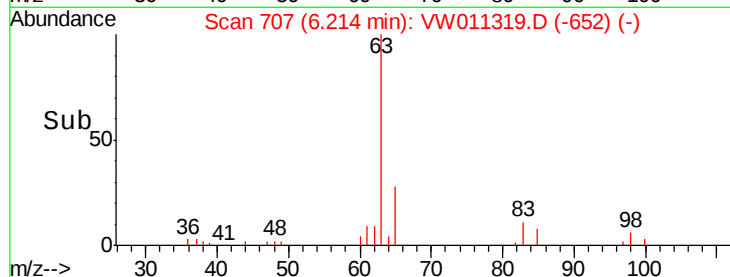
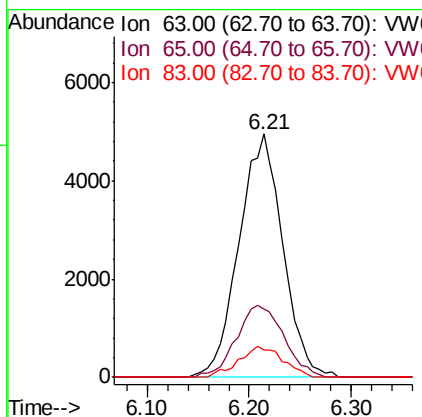
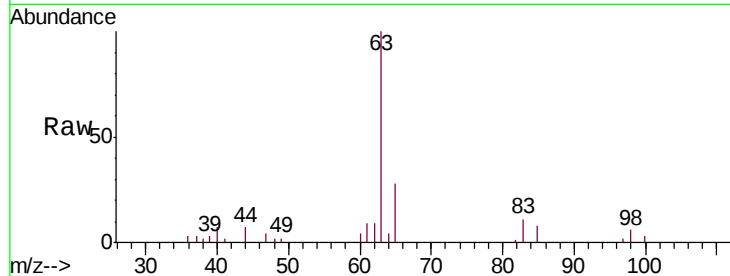




#19
 1,1-Dichloroethane
 Concen: 2.573 ug/L
 RT: 6.21 min Scan# 707
 Delta R.T. 0.01 min
 Lab File: VW011319.D
 Acq: 17 Jul 2019 21:24

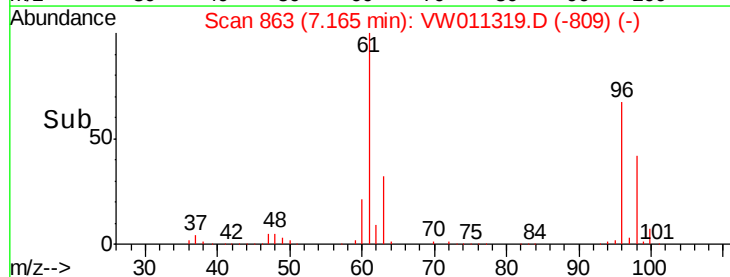
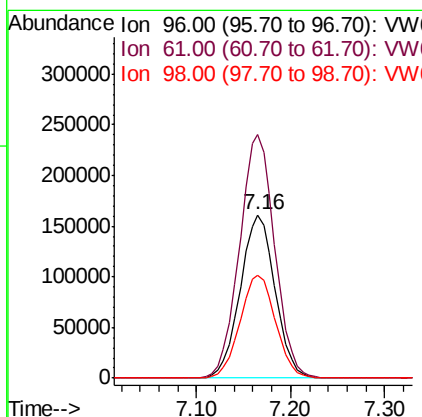
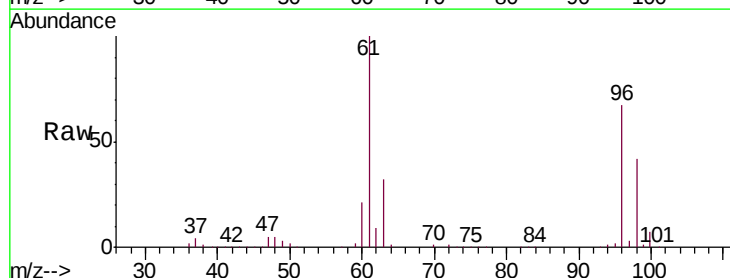
Instrument :
 MSVOA_W
 ClientSampleId :
 A52G3

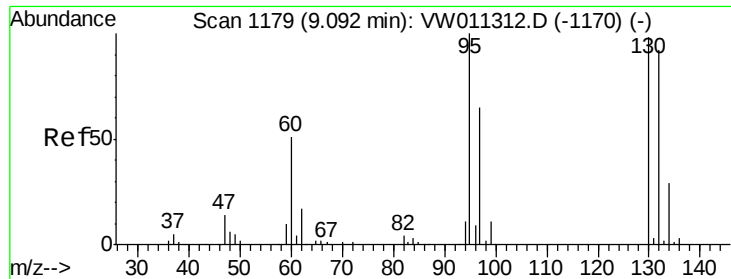
Tgt Ion: 63 Resp: 14774
 Ion Ratio Lower Upper
 63 100
 65 27.9 22.1 41.1
 83 11.3 9.0 16.6



#22
 cis-1,2-Dichloroethene
 Concen: 136.392 ug/L
 RT: 7.16 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW011319.D
 Acq: 17 Jul 2019 21:24

Tgt Ion: 96 Resp: 417579
 Ion Ratio Lower Upper
 96 100
 61 149.1 103.2 191.6
 98 63.2 44.8 83.2





#35

Trichloroethene

Concen: 0.718 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW011319.D

Acq: 17 Jul 2019 21:24

Instrument :

MSVOA_W

ClientSampleId :

A52G3

Tgt Ion: 95 Resp: 2163

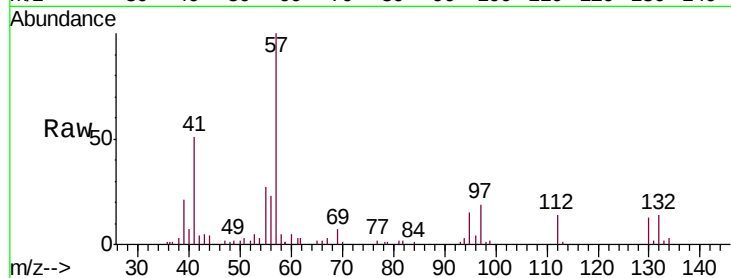
Ion Ratio Lower Upper

95 100

97 261.4 45.4 84.2#

132 78.2 65.0 120.8

130 81.0 67.8 126.0

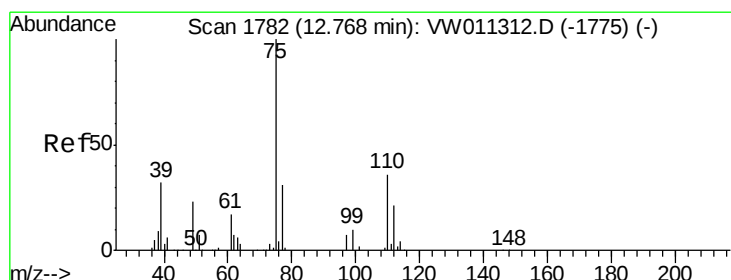
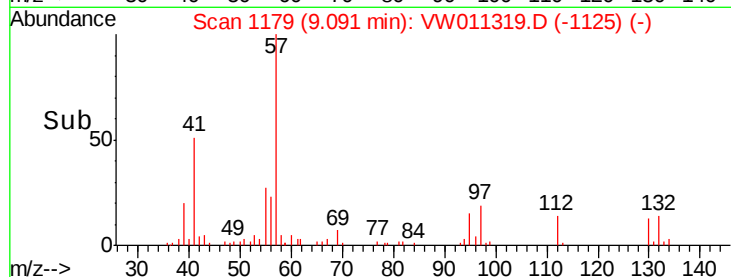
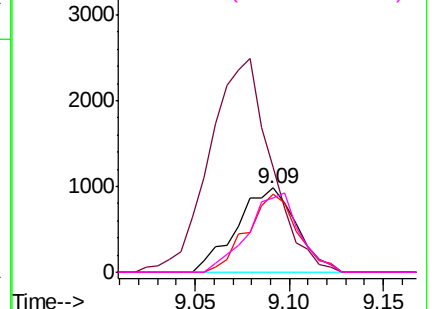


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#59

1,2,3-Trichloropropane

Concen: 4.734 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW011319.D

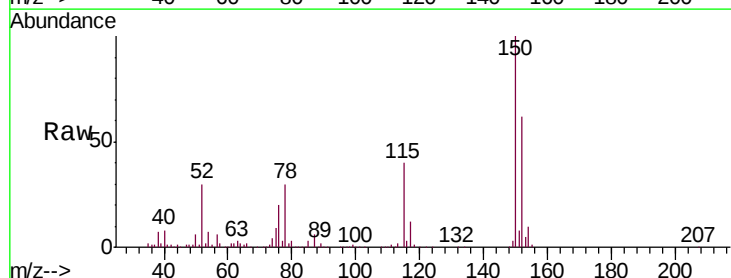
Acq: 17 Jul 2019 21:24

Tgt Ion: 75 Resp: 10951

Ion Ratio Lower Upper

75 100

77 37.0 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

