

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062518\
 Data File : VW003561.D
 Acq On : 25 Jun 2018 23:28
 Operator : SY/AP
 Sample : J3621-15
 Misc : 7.07G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DAZ77

Quant Time: Jun 26 04:22:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 26 03:05:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	272789	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	257178	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	109230	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	68303	18.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.84%
7) Chloroethane-d5	2.89	69	58661	19.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.00%
10) 1,1-Dichloroethene-d2	4.01	63	107740	14.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.68%
20) 2-Butanone-d5	7.09	46	71346	61.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.40%
24) Chloroform-d	7.65	84	164763	22.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.84%
26) 1,2-Dichloroethane-d4	8.31	65	107103	25.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.48%
29) Benzene-d6	8.27	84	296064	21.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.80%
33) 1,2-Dichloropropane-d6	9.27	67	101112	23.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.64%
37) Toluene-d8	10.33	98	266763	20.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.80%
38) trans-1,3-Dichloropropene-	10.58	79	43033	21.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.88%
39) 2-Hexanone-d5	10.93	63	50280	56.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.90%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	104183	25.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.68%
61) 1,2-Dichlorobenzene-d4	13.87	152	98302	23.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.32%

Target Compounds

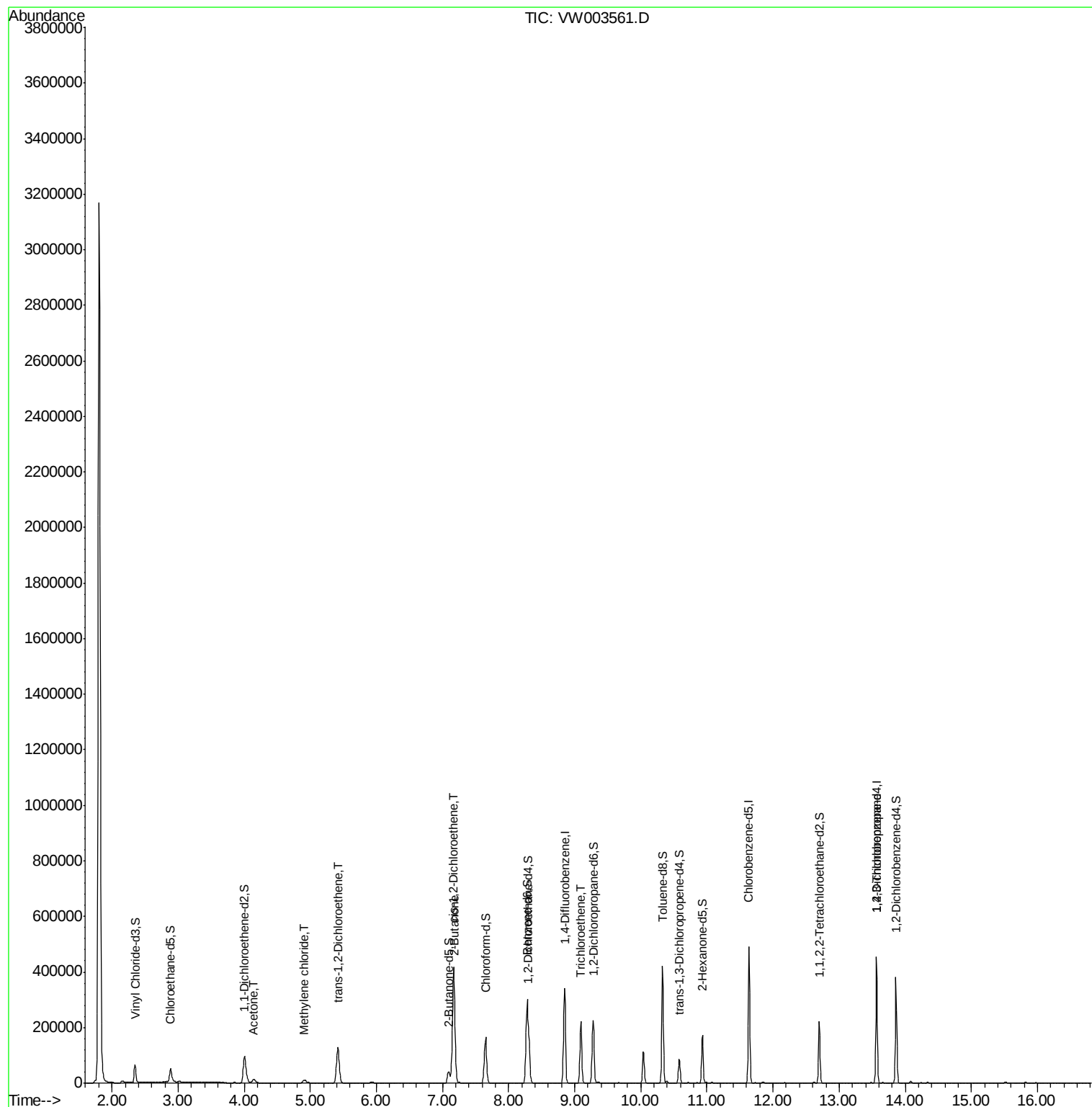
					Qvalue
13) Acetone	4.14	43	24952	20.080 ug/L	69
16) Methylene chloride	4.91	84	8587	2.285 ug/L	88
18) trans-1,2-Dichloroethene	5.42	96	76401	21.504 ug/L	89
21) 2-Butanone	7.19	43	5293	3.625 ug/L #	48
22) cis-1,2-Dichloroethene	7.17	96	238911	63.273 ug/L	97
35) Trichloroethene	9.10	95	75339	19.060 ug/L	99
59) 1,2,3-Trichloropropane	13.57	75	14392	4.944 ug/L	91

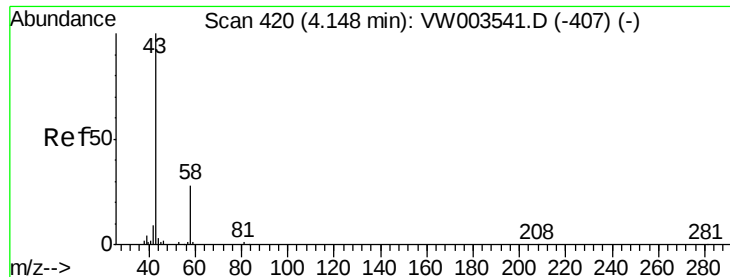
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 26 03:05:07 2018
Response via : Initial Calibration





#13

Acetone

Concen: 20.080 ug/L

RT: 4.14 min Scan# 419

Delta R.T. -0.01 min

Lab File: VW003561.D

Acq: 25 Jun 2018 23:28

Instrument :

MSVOA_W

ClientSampleId :

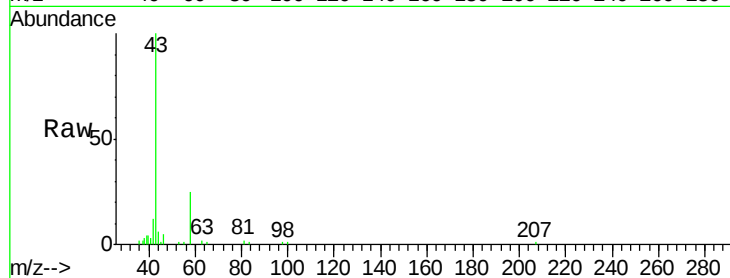
DAZ77

Tgt Ion: 43 Resp: 24952

Ion Ratio Lower Upper

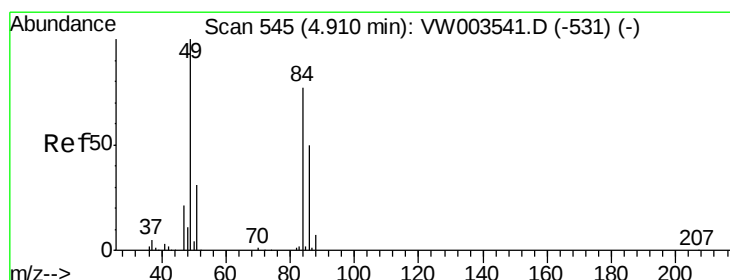
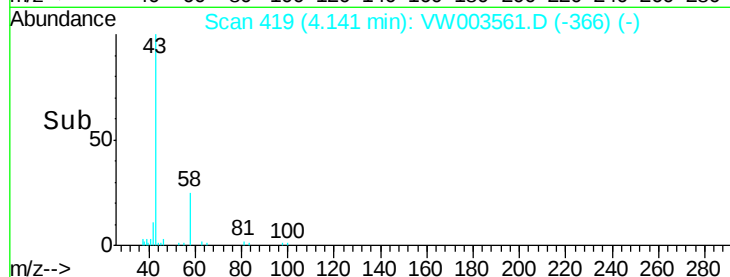
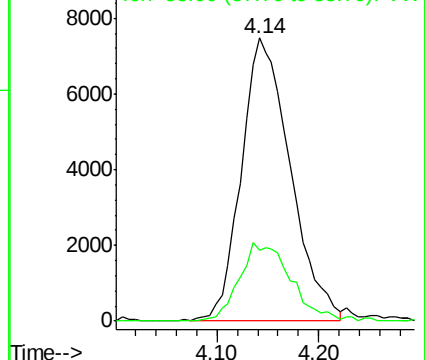
43 100

58 12.4 0.0 58.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.285 ug/L

RT: 4.91 min Scan# 545

Delta R.T. -0.00 min

Lab File: VW003561.D

Acq: 25 Jun 2018 23:28

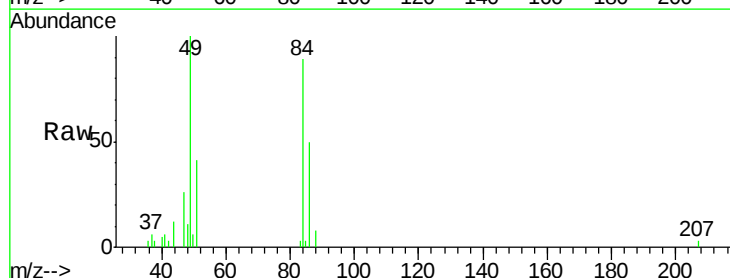
Tgt Ion: 84 Resp: 8587

Ion Ratio Lower Upper

84 100

49 112.0 88.7 164.7

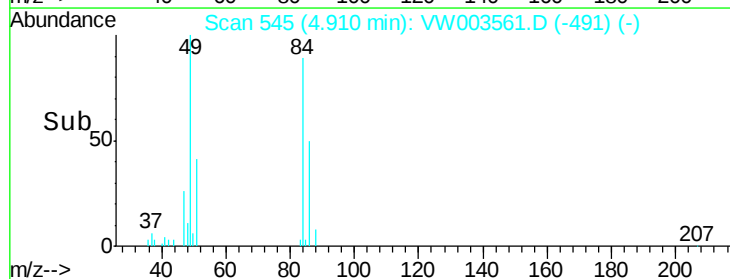
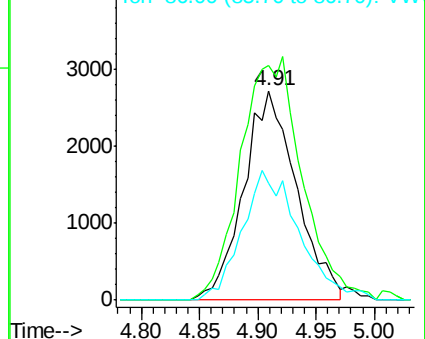
86 56.0 44.2 82.0

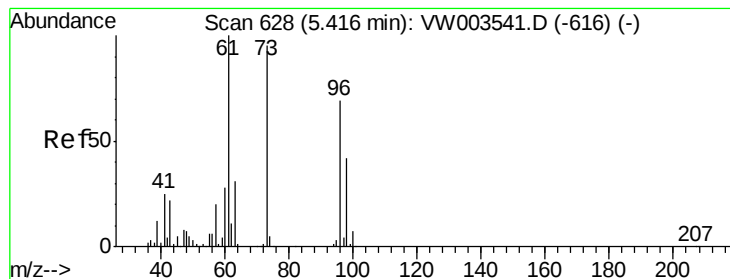


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#18

trans-1,2-Dichloroethene

Concen: 21.504 ug/L

RT: 5.42 min Scan# 628

Delta R.T. -0.00 min

Lab File: VW003561.D

Acq: 25 Jun 2018 23:28

Instrument :

MSVOA_W

ClientSampled :

DAZ77

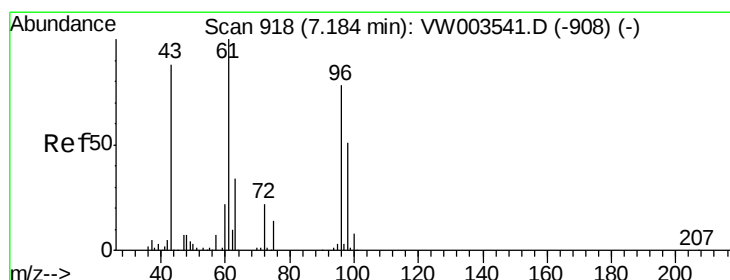
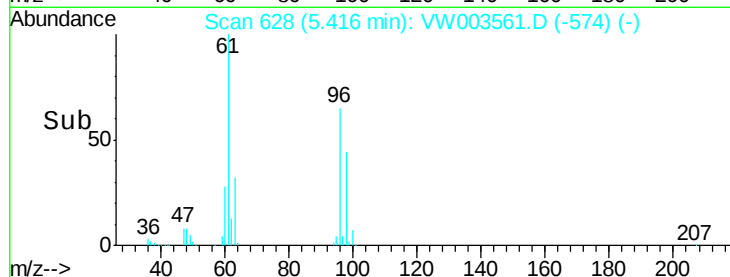
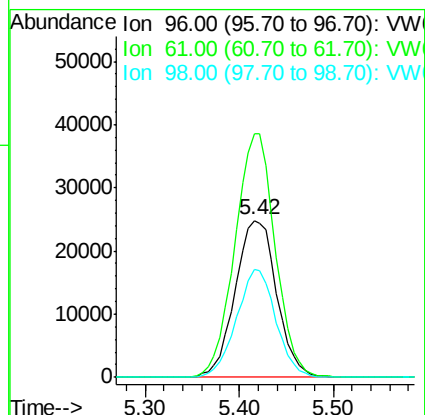
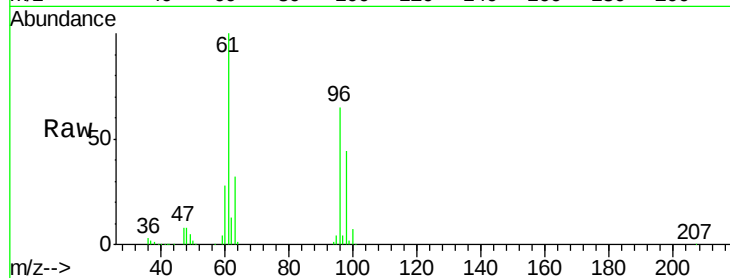
Tgt Ion: 96 Resp: 76401

Ion Ratio Lower Upper

96 100

61 154.9 98.0 182.0

98 68.8 44.2 82.2



#21

2-Butanone

Concen: 3.625 ug/L

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

Lab File: VW003561.D

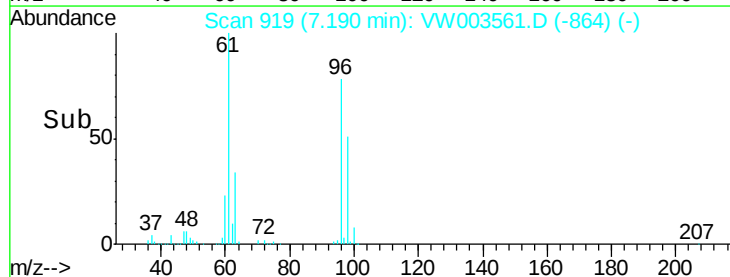
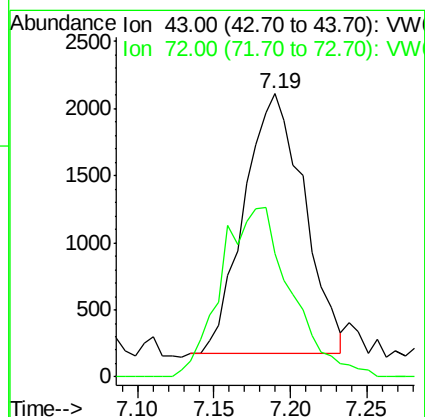
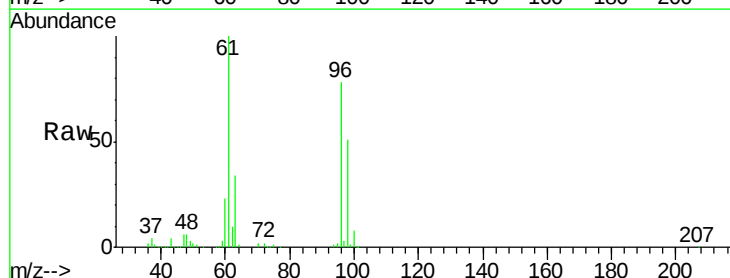
Acq: 25 Jun 2018 23:28

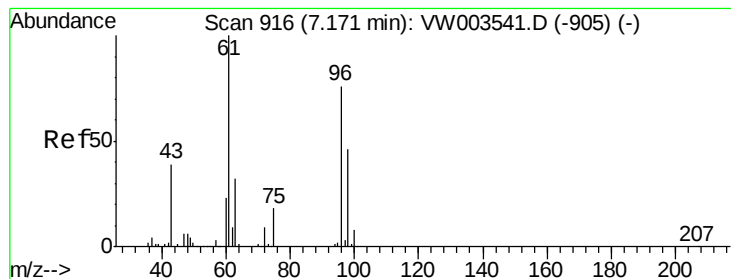
Tgt Ion: 43 Resp: 5293

Ion Ratio Lower Upper

43 100

72 51.0 12.5 37.5#



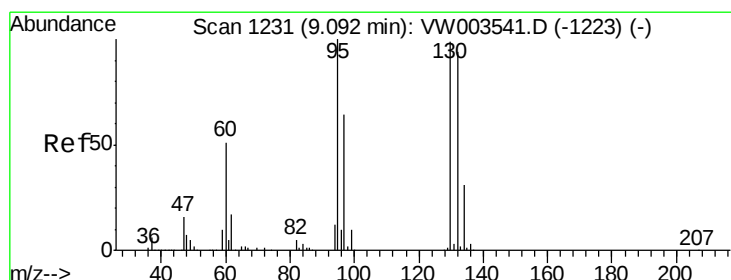
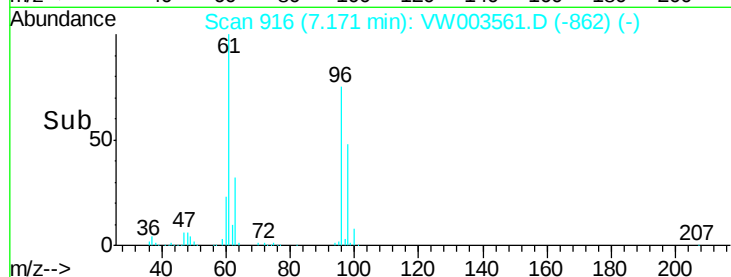
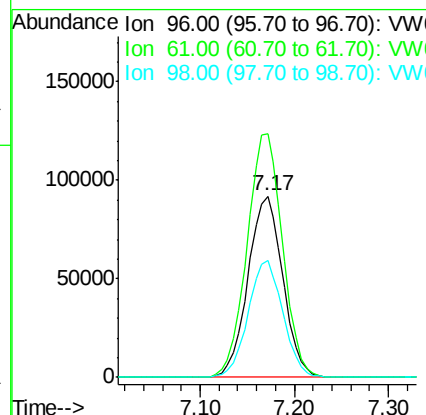
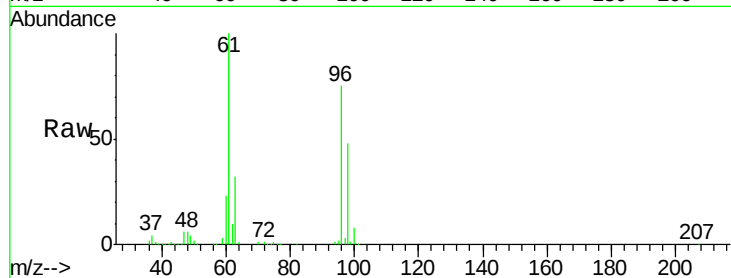


#22

cis-1,2-Dichloroethene
 Concen: 63.273 ug/L
 RT: 7.17 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: VW003561.D
 Acq: 25 Jun 2018 23:28

Instrument :
 MSVOA_W
 ClientSampleId :
 DAZ77

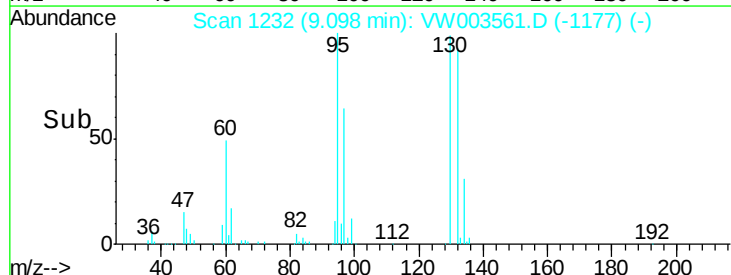
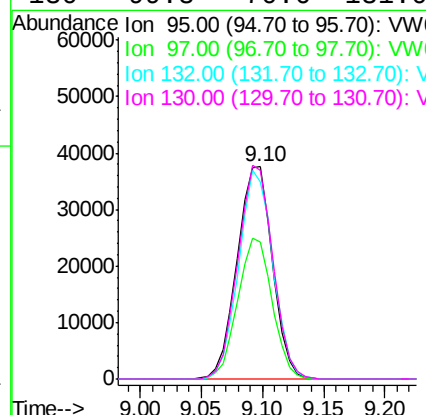
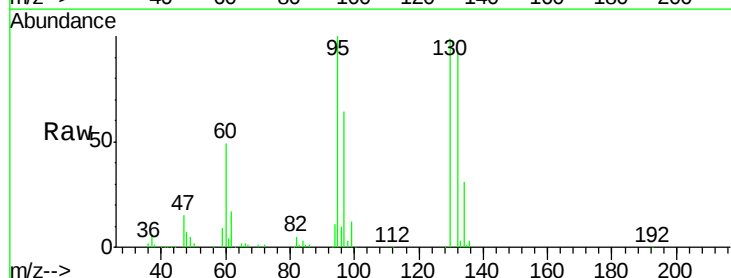
Tgt Ion: 96 Resp: 238911
 Ion Ratio Lower Upper
 96 100
 61 134.2 97.7 181.5
 98 64.5 45.0 83.6

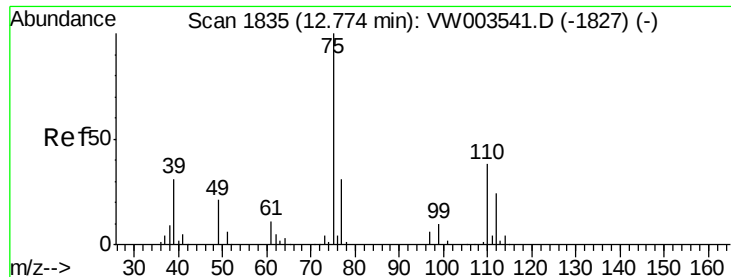


#35

Trichloroethene
 Concen: 19.060 ug/L
 RT: 9.10 min Scan# 1232
 Delta R.T. 0.01 min
 Lab File: VW003561.D
 Acq: 25 Jun 2018 23:28

Tgt Ion: 95 Resp: 75339
 Ion Ratio Lower Upper
 95 100
 97 64.6 45.6 84.6
 132 95.5 67.8 125.8
 130 99.8 70.6 131.0





#59

1,2,3-Trichloropropane

Concen: 4.944 ug/L

RT: 13.57 min Scan# 1965

Delta R.T. 0.79 min

Lab File: VW003561.D

Acq: 25 Jun 2018 23:28

Instrument :

MSVOA_W

ClientSampleId :

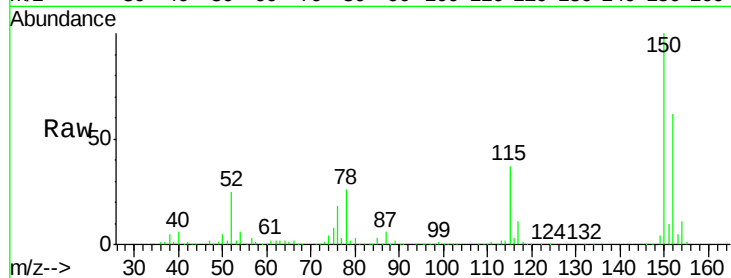
DAZ77

Tgt Ion: 75 Resp: 14392

Ion Ratio Lower Upper

75 100

77 37.7 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

