

Data File : VW011292.D
Acq On : 16 Jul 2019 18:00
Operator : SY/VA
Sample : K3798-15
Misc : 6.07G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52F9

Quant Time: Jul 17 07:25:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 17 07:20:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	332455	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	282283	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	111136	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	69914	13.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.08%
7) Chloroethane-d5	2.88	69	58938	16.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.20%
10) 1,1-Dichloroethene-d2	4.01	63	133049	12.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.52%
20) 2-Butanone-d5	7.07	46	113969	56.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.98%
24) Chloroform-d	7.65	84	193486	21.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.92%
26) 1,2-Dichloroethane-d4	8.38	65	128	0.02	ug/L	0.09
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	376997	21.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.72%
33) 1,2-Dichloropropane-d6	9.27	67	134971	23.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.36%
37) Toluene-d8	10.32	98	313121	20.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.84%
38) trans-1,3-Dichloropropene-	10.58	79	51513	21.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.56%
39) 2-Hexanone-d5	10.93	63	76402	58.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.66%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	124434	26.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	92230	21.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.48%

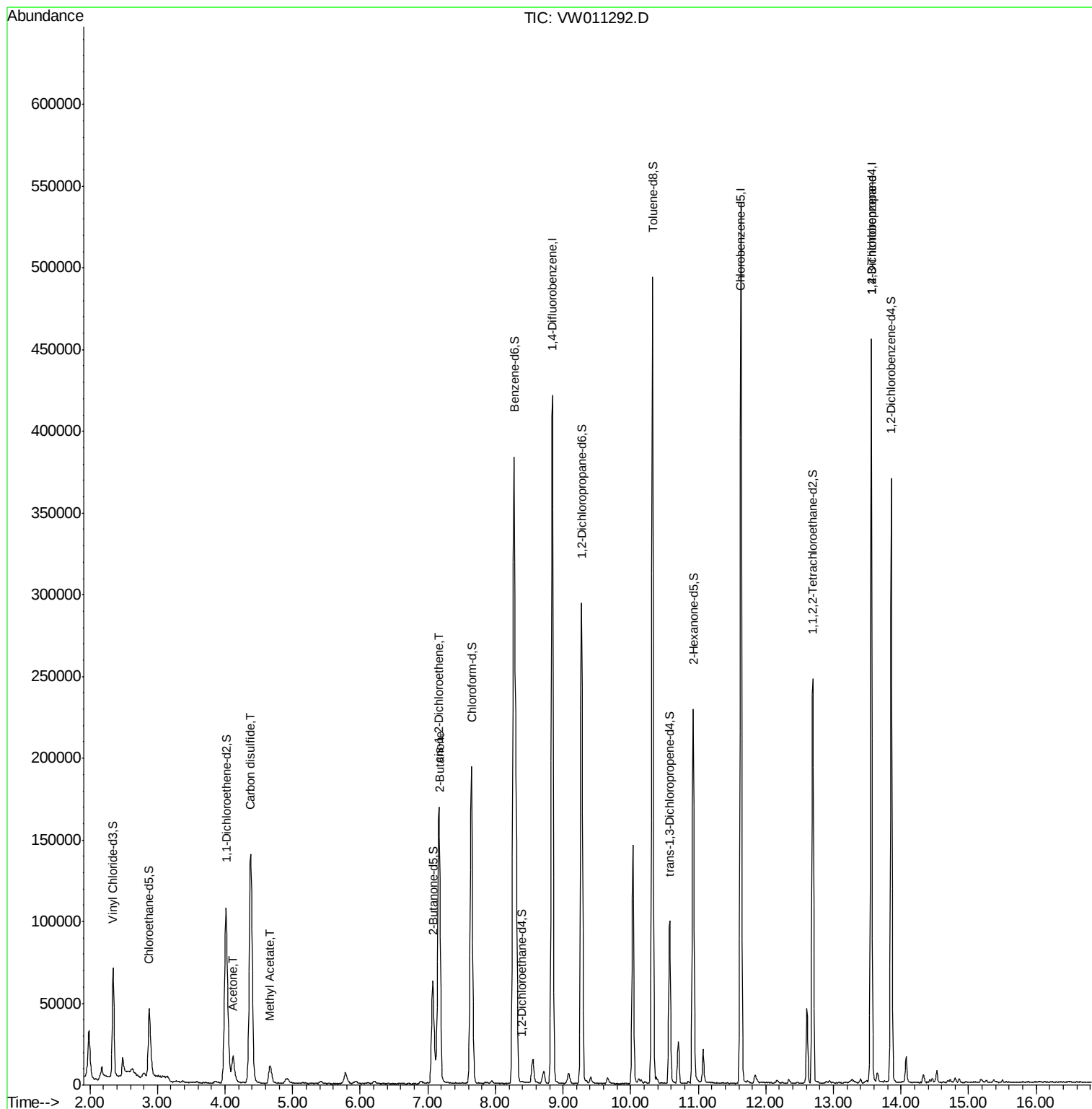
Target Compounds					Qvalue
13) Acetone	4.12	43	27482	14.070 ug/L	96
14) Carbon disulfide	4.38	76	320417	25.638 ug/L	99
15) Methyl Acetate	4.67	43	22022	6.929 ug/L	99
21) 2-Butanone	7.18	43	3581	1.420 ug/L	89
22) cis-1,2-Dichloroethene	7.17	96	92972	19.455 ug/L	97
59) 1,2,3-Trichloropropane	13.56	75	15026	4.393 ug/L	93

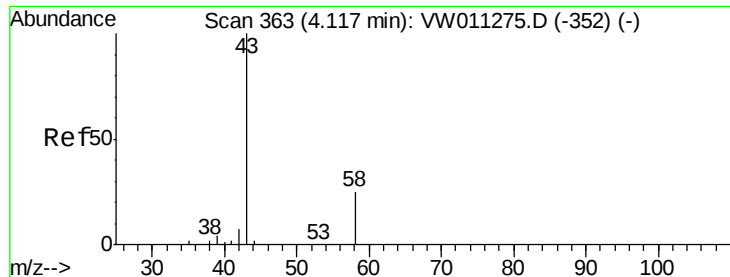
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 14.070 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

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Acq: 16 Jul 2019 18:00

Instrument :

MSVOA_W

ClientSampled :

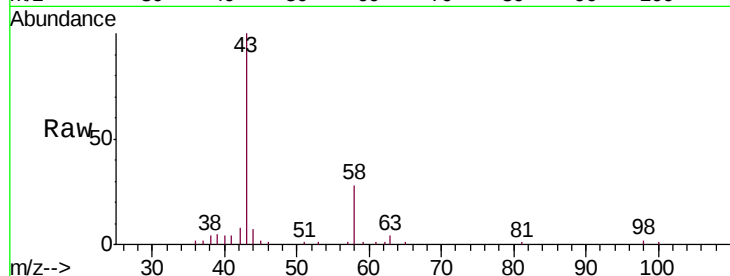
A52F9

Tgt Ion: 43 Resp: 27482

Ion Ratio Lower Upper

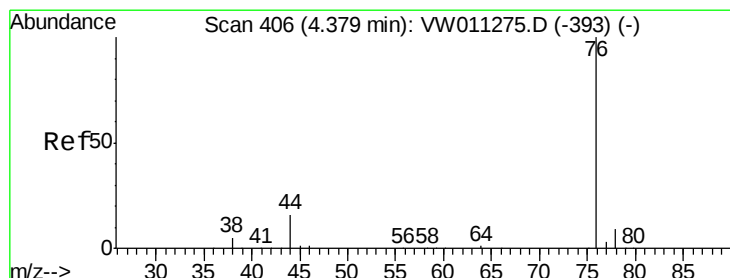
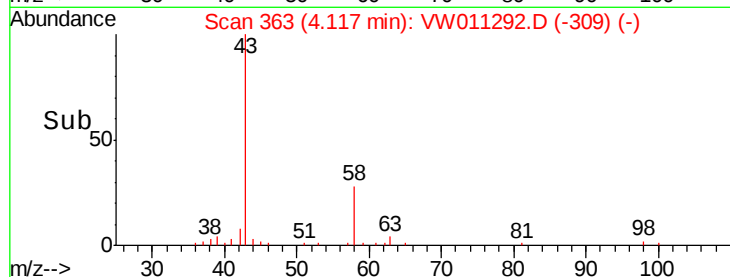
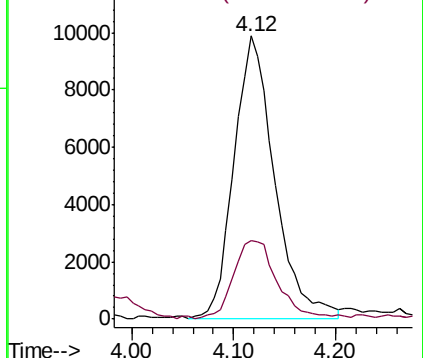
43 100

58 29.8 0.0 55.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 25.638 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW011292.D

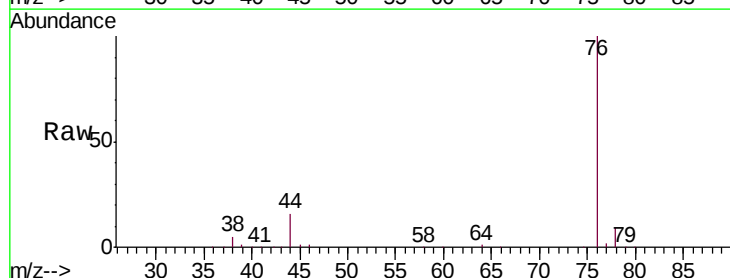
Acq: 16 Jul 2019 18:00

Tgt Ion: 76 Resp: 320417

Ion Ratio Lower Upper

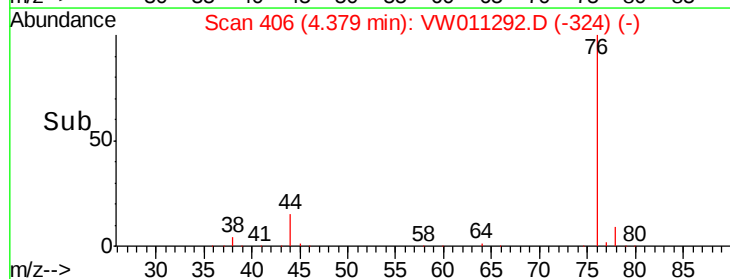
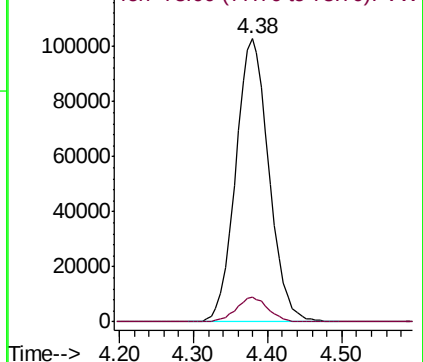
76 100

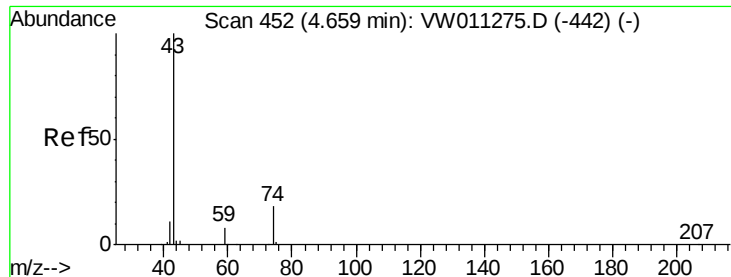
78 8.6 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

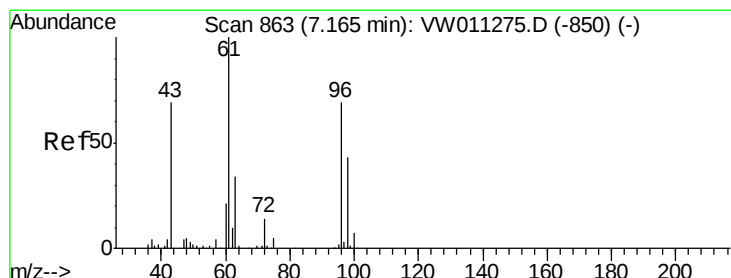
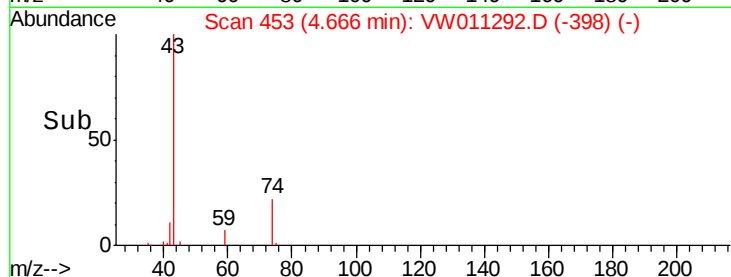
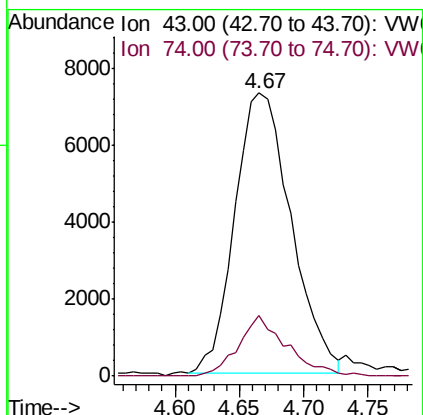
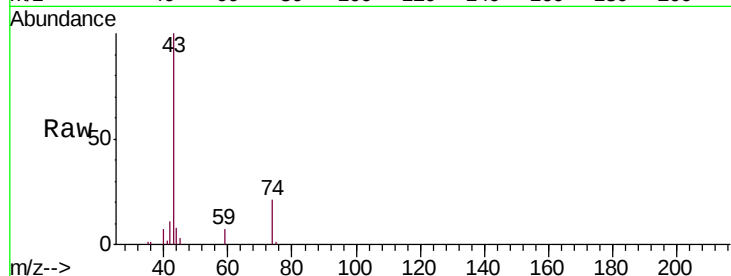




#15
Methyl Acetate
Concen: 6.929 ug/L
RT: 4.67 min Scan# 453
Delta R.T. 0.01 min
Lab File: VW011292.D
Acq: 16 Jul 2019 18:00

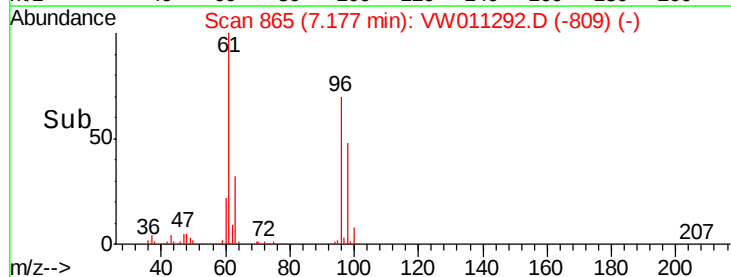
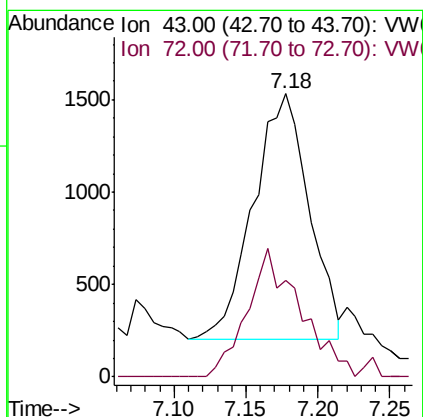
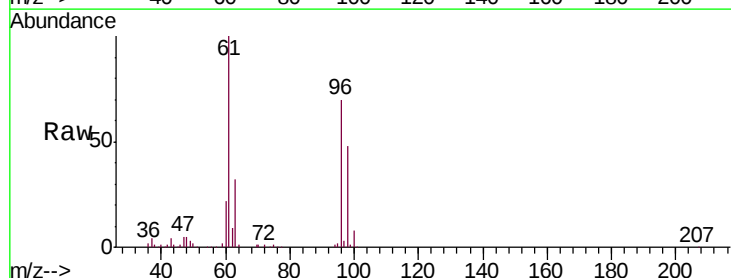
Instrument :
MSVOA_W
ClientSampleId :
A52F9

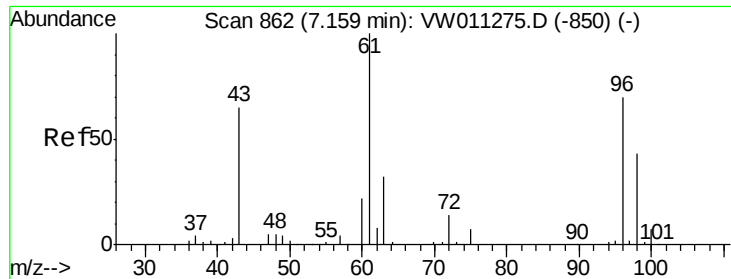
Tgt Ion: 43 Resp: 22022
Ion Ratio Lower Upper
43 100
74 18.5 15.1 22.7



#21
2-Butanone
Concen: 1.420 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW011292.D
Acq: 16 Jul 2019 18:00

Tgt Ion: 43 Resp: 3581
Ion Ratio Lower Upper
43 100
72 27.8 11.2 33.6



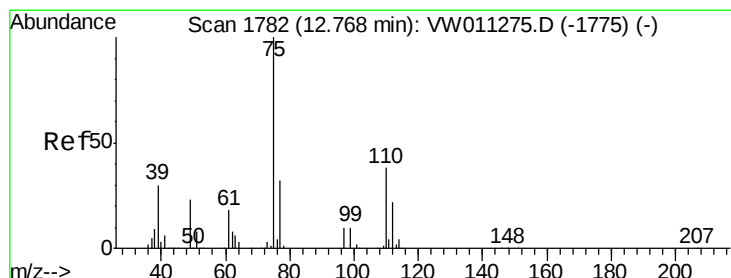
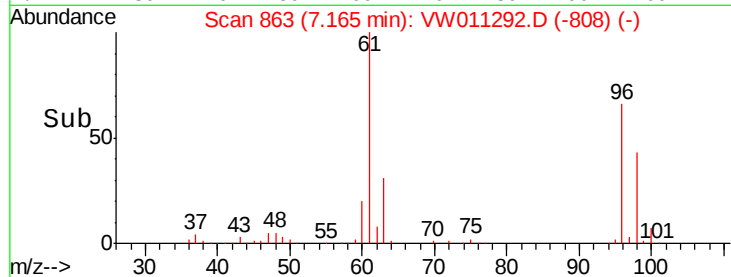
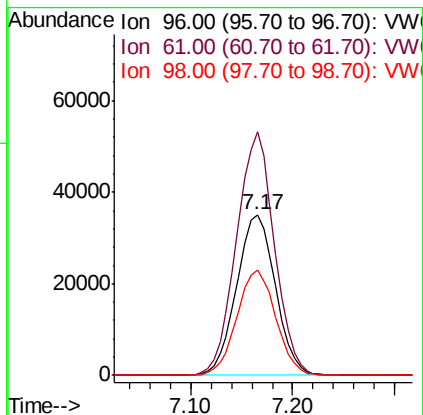
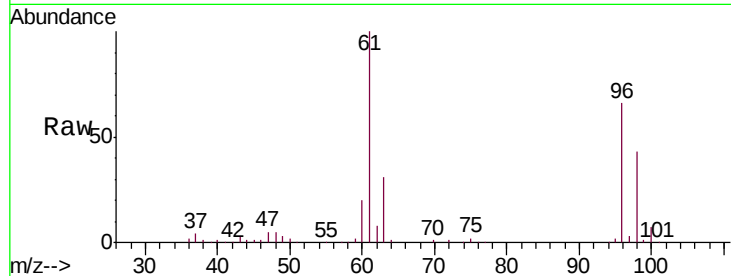


#22

cis-1,2-Dichloroethene
 Concen: 19.455 ug/L
 RT: 7.17 min Scan# 863
 Delta R.T. 0.01 min
 Lab File: VW011292.D
 Acq: 16 Jul 2019 18:00

Instrument :
 MSVOA_W
 ClientSampleId :
 A52F9

Tgt Ion: 96 Resp: 92972
 Ion Ratio Lower Upper
 96 100
 61 151.2 103.2 191.6
 98 65.3 44.8 83.2



#59

1,2,3-Trichloropropane
 Concen: 4.393 ug/L
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.79 min
 Lab File: VW011292.D
 Acq: 16 Jul 2019 18:00

Tgt Ion: 75 Resp: 15026
 Ion Ratio Lower Upper
 75 100
 77 35.6 25.4 38.0

