

Data File : VW011287.D
Acq On : 16 Jul 2019 15:45
Operator : SY/VA
Sample : K3798-04RE
Misc : 5.59G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52G8

Quant Time: Jul 17 07:24:39 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	298096	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	267074	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	115187	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	70025	15.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.52%
7) Chloroethane-d5	2.89	69	57037	17.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.44%
10) 1,1-Dichloroethene-d2	4.01	63	131931	13.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.76%
20) 2-Butanone-d5	7.07	46	131253	73.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	146.40%#
24) Chloroform-d	7.65	84	188885	23.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.48%
26) 1,2-Dichloroethane-d4	8.30	65	131207	26.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.32%
29) Benzene-d6	8.27	84	371070	22.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.20%
33) 1,2-Dichloropropane-d6	9.27	67	133315	24.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.52%
37) Toluene-d8	10.32	98	314905	21.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.92%
38) trans-1,3-Dichloropropene-	10.58	79	51135	22.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.80%
39) 2-Hexanone-d5	10.93	63	89698	73.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	146.00%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	138839	31.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	125.32%#
61) 1,2-Dichlorobenzene-d4	13.86	152	108583	24.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.24%

Target Compounds

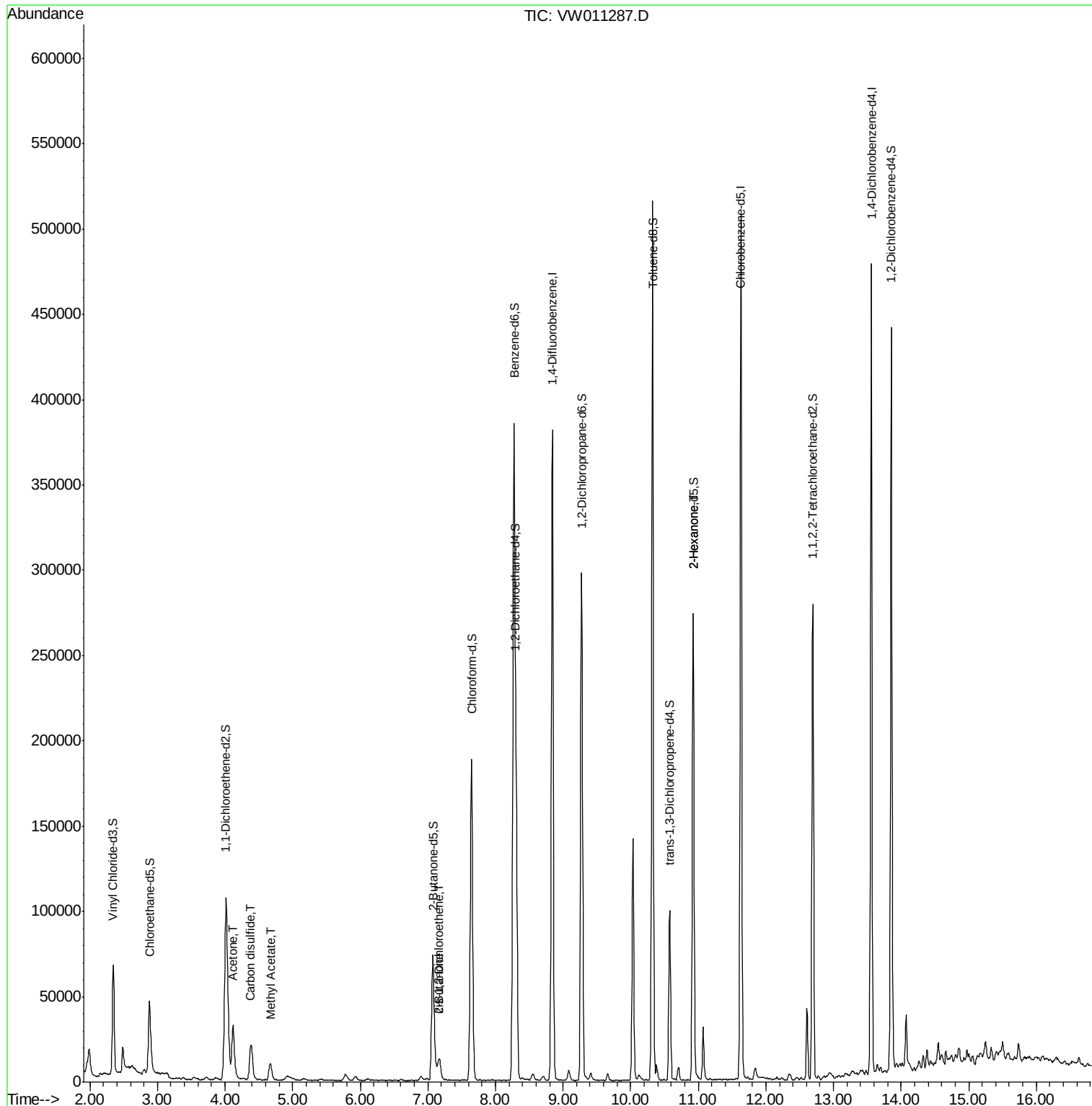
					Qvalue
13) Acetone	4.12	43	54223	30.961	ug/L 100
14) Carbon disulfide	4.38	76	30769	2.746	ug/L 99
15) Methyl Acetate	4.67	43	20573	7.219	ug/L 100
21) 2-Butanone	7.17	43	9644	4.266	ug/L 95
22) cis-1,2-Dichloroethene	7.16	96	3282	0.766	ug/L 81
49) 2-Hexanone	10.93	43	12040	3.901	ug/L # 70

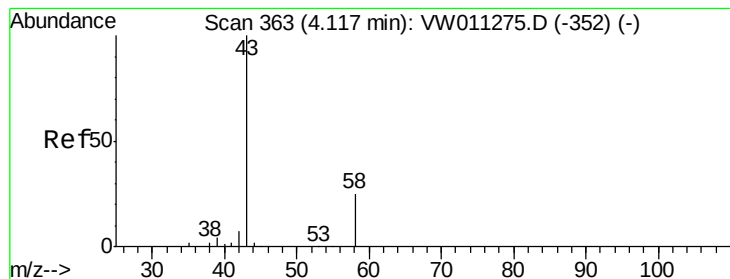
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 30.961 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

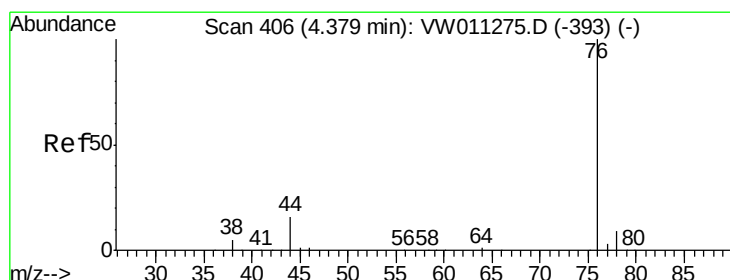
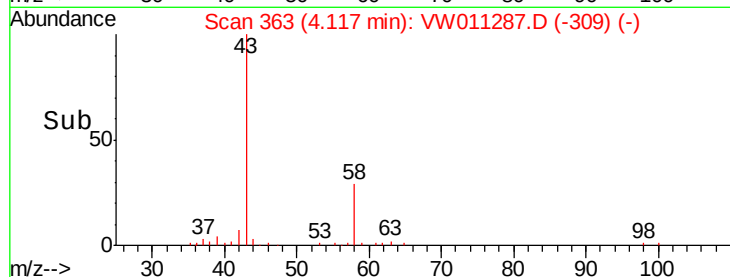
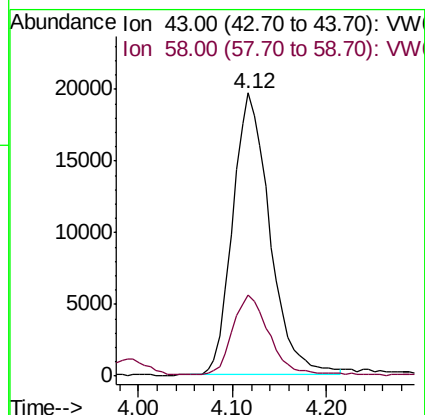
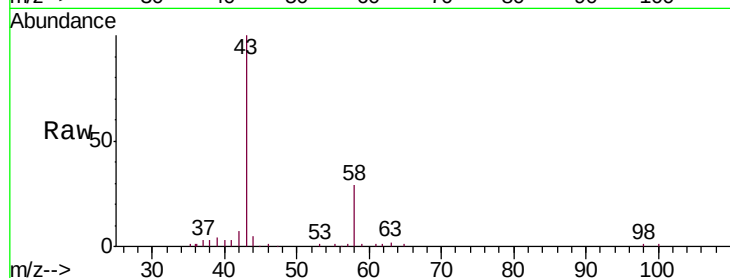
A52G8

Tgt Ion: 43 Resp: 54223

Ion Ratio Lower Upper

43 100

58 27.4 0.0 55.0



#14

Carbon disulfide

Concen: 2.746 ug/L

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW011287.D

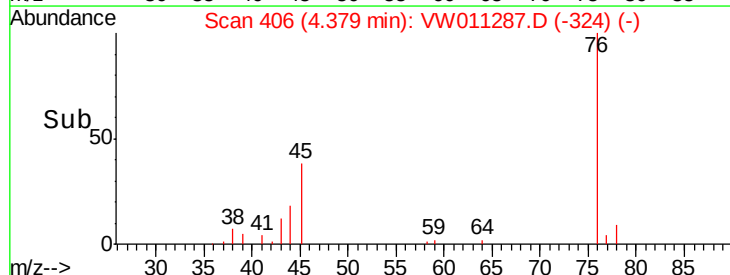
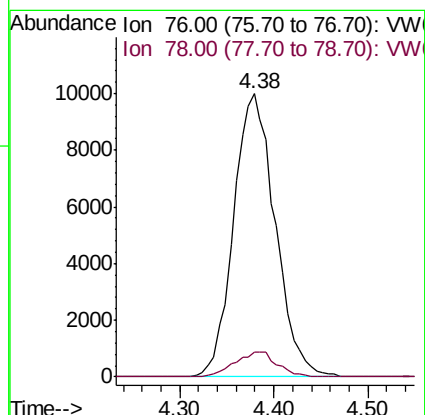
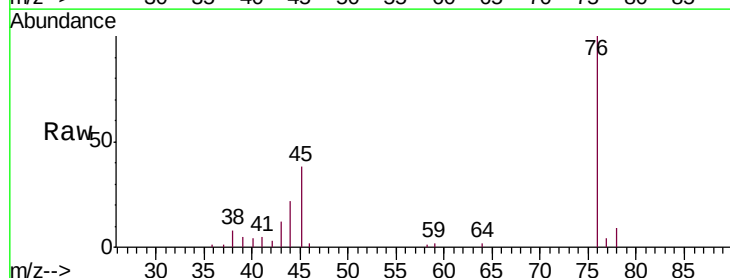
Acq: 16 Jul 2019 15:45

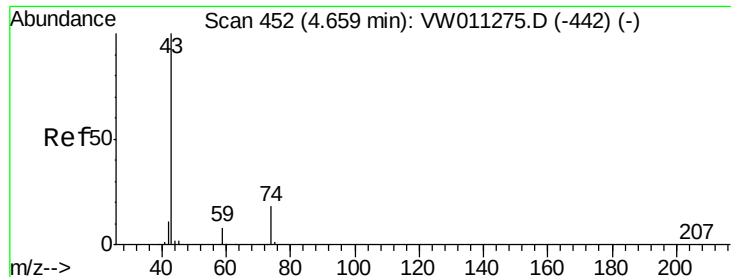
Tgt Ion: 76 Resp: 30769

Ion Ratio Lower Upper

76 100

78 8.6 7.3 10.9

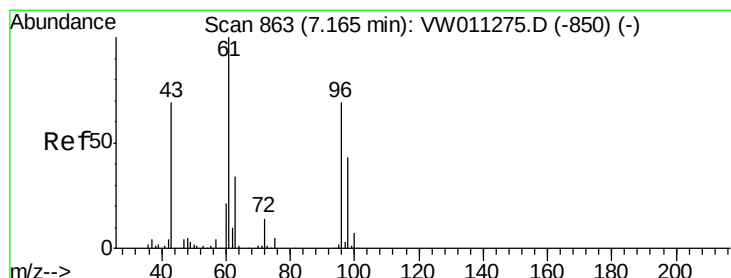
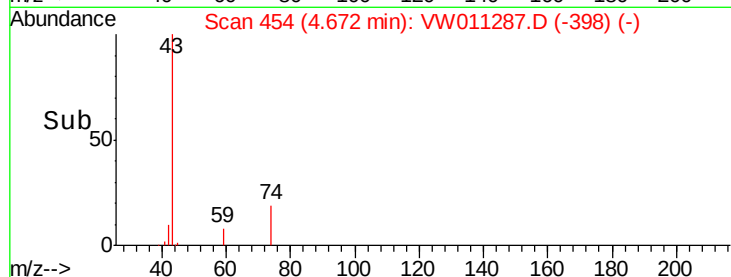
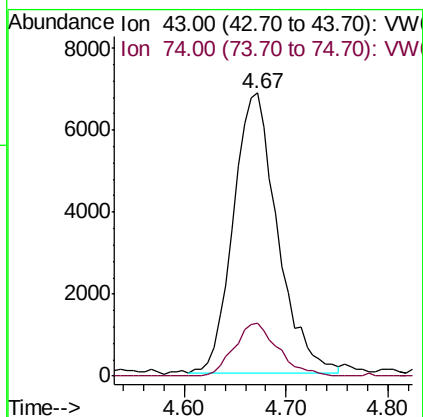
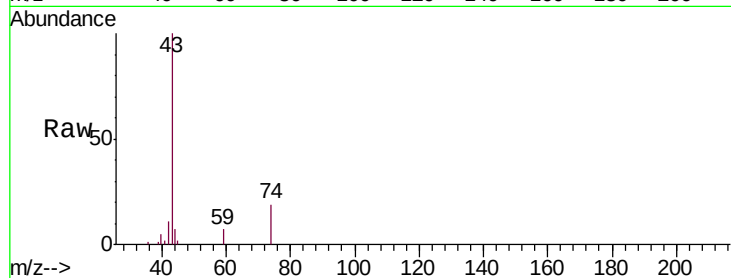




#15
Methyl Acetate
Concen: 7.219 ug/L
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW011287.D
Acq: 16 Jul 2019 15:45

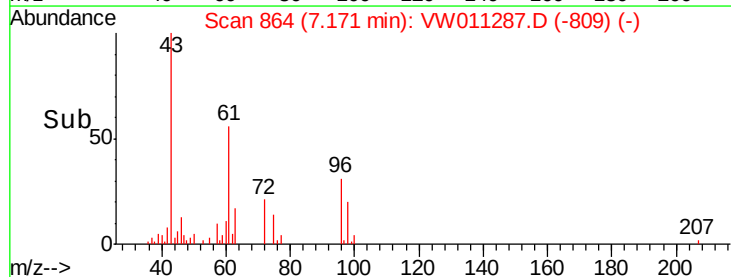
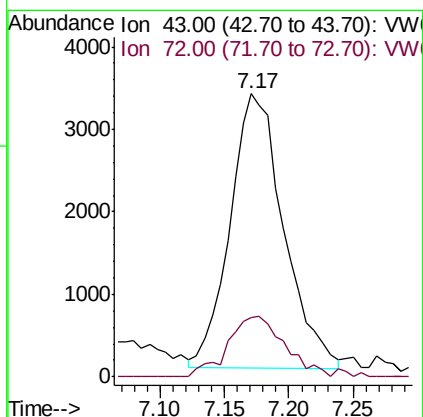
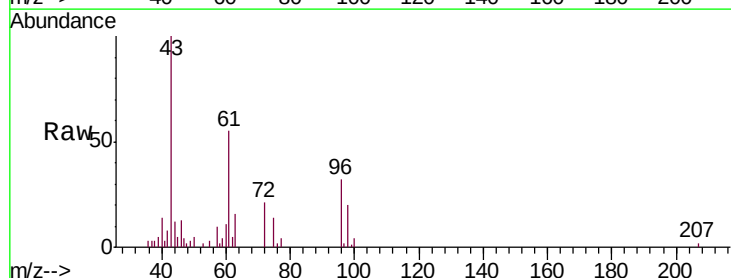
Instrument :
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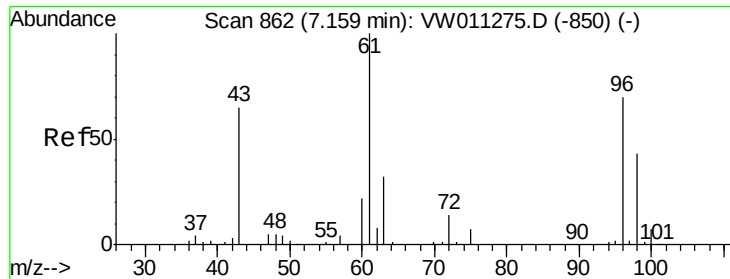
Tgt Ion: 43 Resp: 20573
Ion Ratio Lower Upper
43 100
74 18.8 15.1 22.7



#21
2-Butanone
Concen: 4.266 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW011287.D
Acq: 16 Jul 2019 15:45

Tgt Ion: 43 Resp: 9644
Ion Ratio Lower Upper
43 100
72 20.1 11.2 33.6



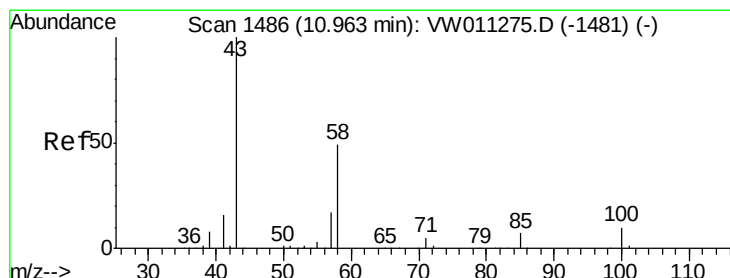
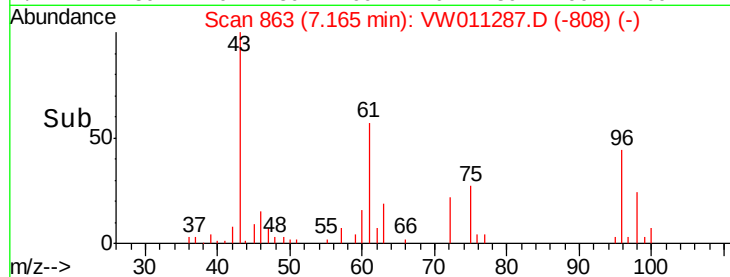
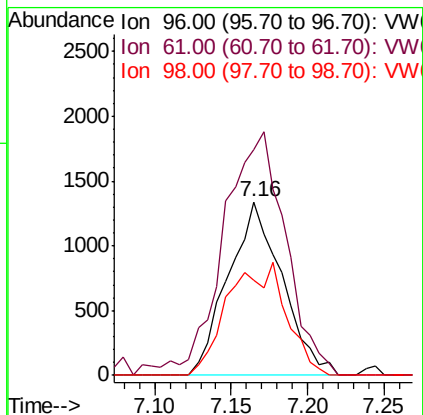
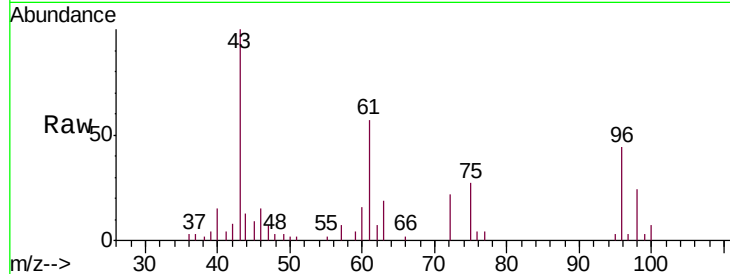


#22

cis-1,2-Dichloroethene
 Concen: 0.766 ug/L
 RT: 7.16 min Scan# 863
 Delta R.T. 0.01 min
 Lab File: VW011287.D
 Acq: 16 Jul 2019 15:45

Instrument :
 MSVOA_W
 ClientSampleId :
 A52G8

Tgt Ion: 96 Resp: 3282
 Ion Ratio Lower Upper
 96 100
 61 121.4 103.2 191.6
 98 51.6 44.8 83.2



#49

2-Hexanone
 Concen: 3.901 ug/L
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.04 min
 Lab File: VW011287.D
 Acq: 16 Jul 2019 15:45

Tgt Ion: 43 Resp: 12040
 Ion Ratio Lower Upper
 43 100
 58 23.5 38.4 57.6#
 57 23.8 13.3 19.9#
 100 0.4 7.3 10.9#

