

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW050719\
 Data File : VW010306.D
 Acq On : 07 May 2019 18:58
 Operator : SY/VA
 Sample : K2690-10
 Misc : 5.44G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A5156

Quant Time: May 08 04:39:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050719S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 08 02:05:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	658282	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	555372	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	303441	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	130337	17.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.04%
7) Chloroethane-d5	2.89	69	108958	16.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.96%
10) 1,1-Dichloroethene-d2	4.01	63	206405	10.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	43.24%#
20) 2-Butanone-d5	7.09	46	192289	54.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.30%
24) Chloroform-d	7.64	84	381792	21.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.12%
26) 1,2-Dichloroethane-d4	8.30	65	222045	21.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.56%
29) Benzene-d6	8.27	84	708590	23.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.96%
33) 1,2-Dichloropropane-d6	9.27	67	253076	27.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.76%
37) Toluene-d8	10.32	98	553000	20.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.24%
38) trans-1,3-Dichloropropene-	10.58	79	96503	22.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.56%
39) 2-Hexanone-d5	10.93	63	127420	54.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	272865	31.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.44%#
61) 1,2-Dichlorobenzene-d4	13.86	152	259523	25.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.24%

Target Compounds

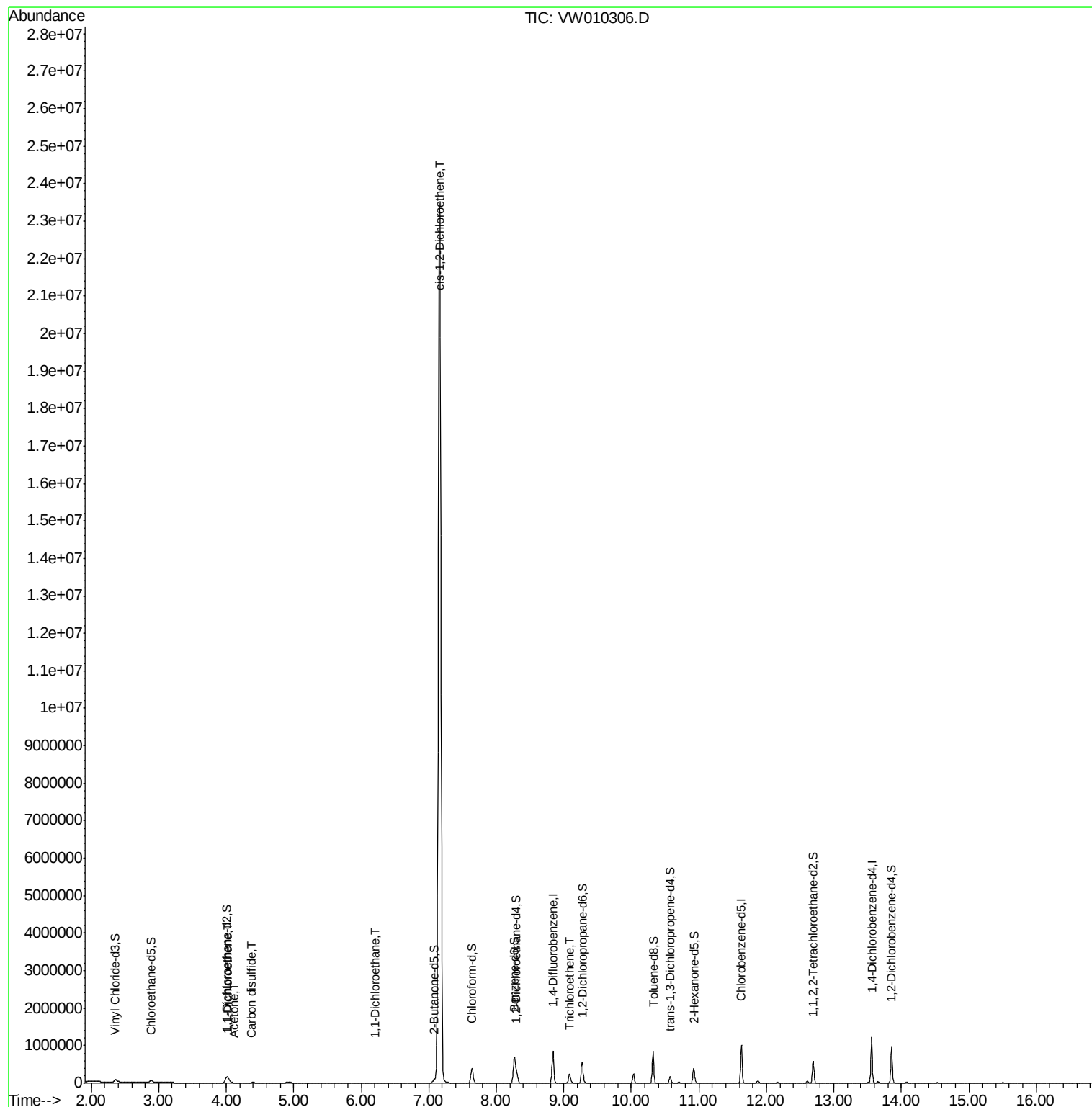
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.03	96	30491	3.412	ug/L	# 1
13) Acetone	4.12	43	7046	2.319	ug/L	86
14) Carbon disulfide	4.38	76	27767	1.015	ug/L	97
19) 1,1-Dichloroethane	6.20	63	10635	0.602	ug/L	89
22) cis-1,2-Dichloroethene	7.16	96	14067122	1477.745	ug/L	97
35) Trichloroethene	9.09	95	78290	8.692	ug/L	95

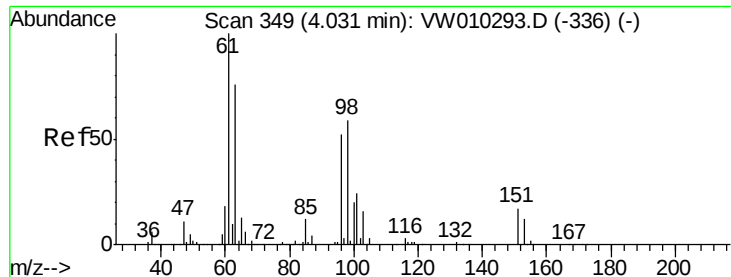
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 3.412 ug/L

RT: 4.03 min Scan# 349

Delta R.T. 0.00 min

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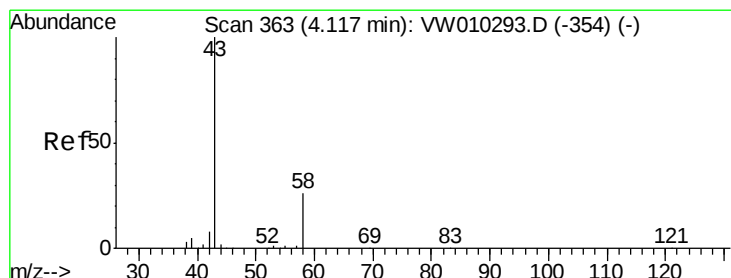
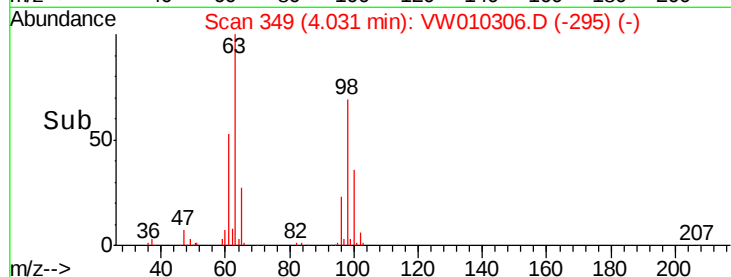
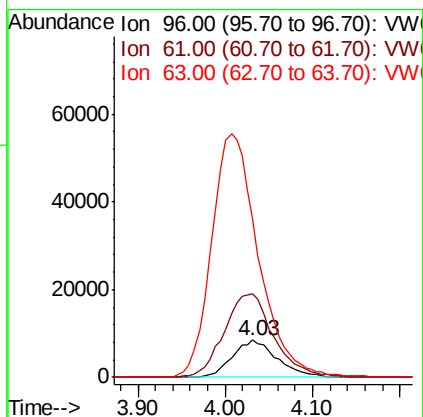
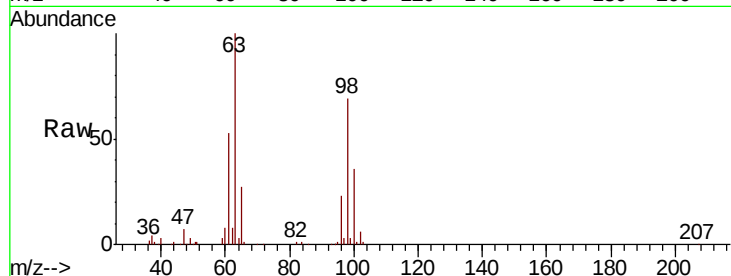
Tgt Ion: 96 Resp: 30491

Ion Ratio Lower Upper

96 100

61 226.3 135.1 250.9

63 428.4 103.1 191.5#



#13

Acetone

Concen: 2.319 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW010306.D

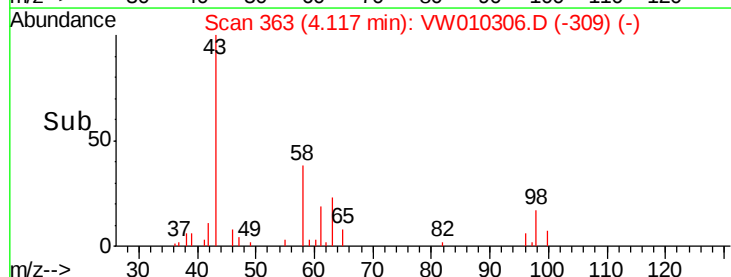
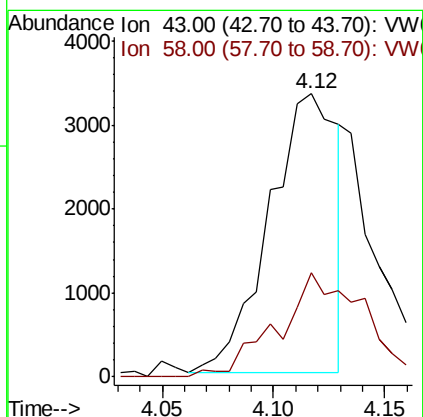
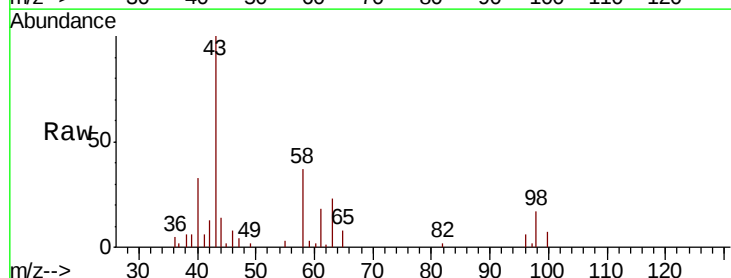
Acq: 07 May 2019 18:58

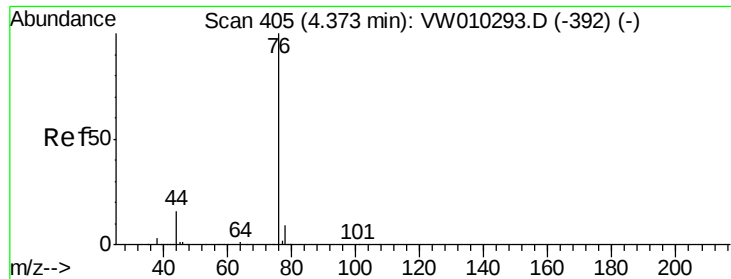
Tgt Ion: 43 Resp: 7046

Ion Ratio Lower Upper

43 100

58 35.0 0.0 55.2





#14

Carbon disulfide

Concen: 1.015 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

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ClientSampleId :

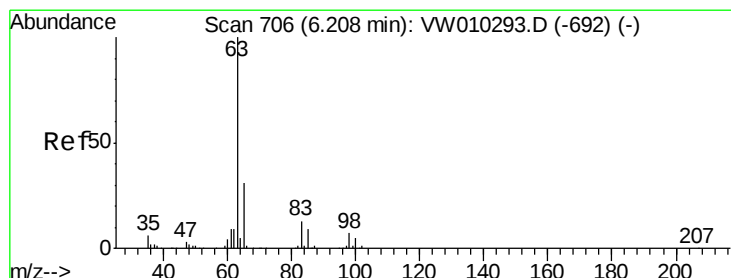
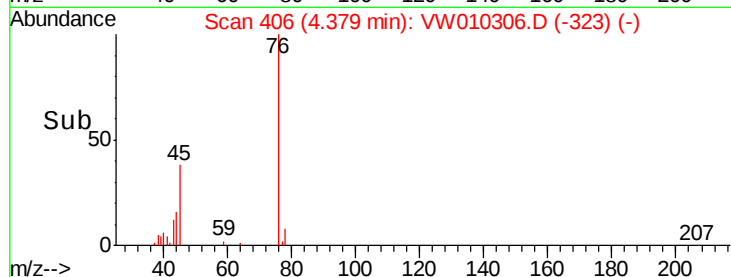
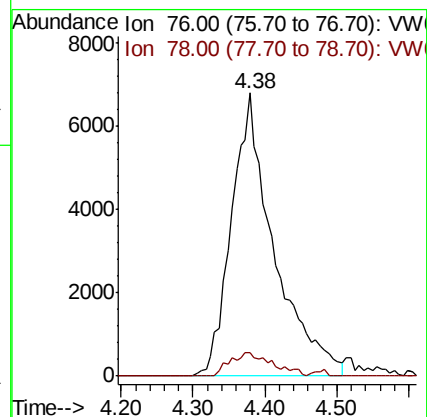
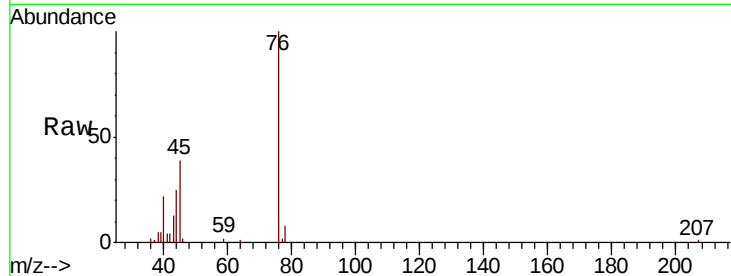
A5156

Tgt Ion: 76 Resp: 27767

Ion Ratio Lower Upper

76 100

78 8.2 7.5 11.3



#19

1,1-Dichloroethane

Concen: 0.602 ug/L

RT: 6.20 min Scan# 705

Delta R.T. -0.01 min

Lab File: VW010306.D

Acq: 07 May 2019 18:58

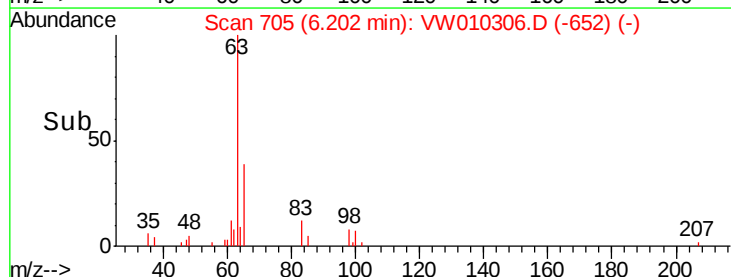
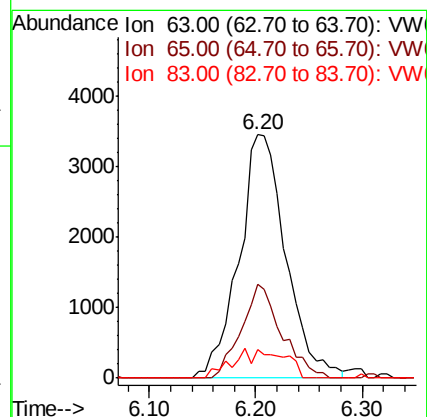
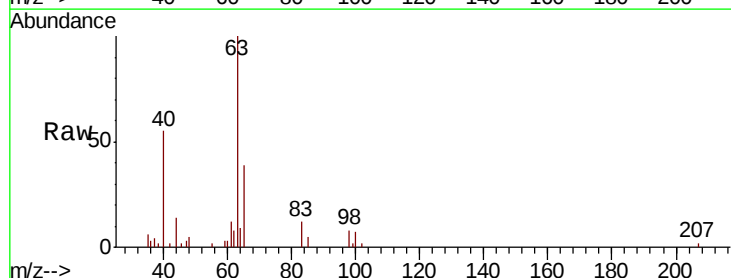
Tgt Ion: 63 Resp: 10635

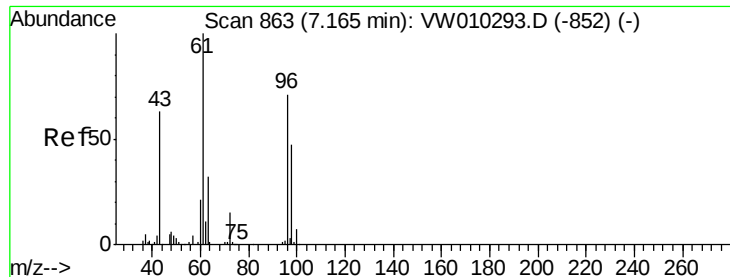
Ion Ratio Lower Upper

63 100

65 38.7 21.8 40.4

83 11.5 9.2 17.2



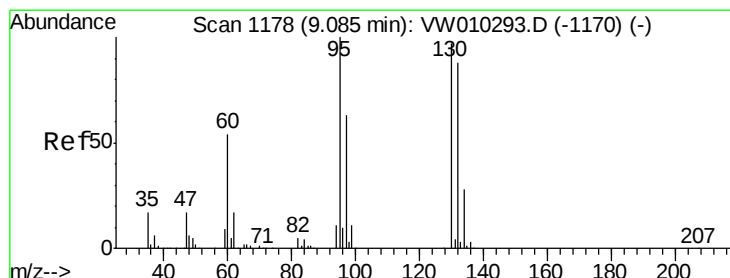
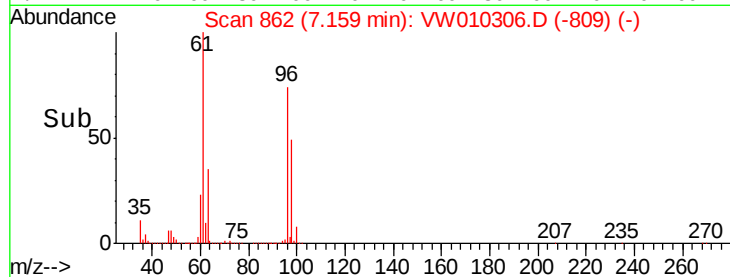
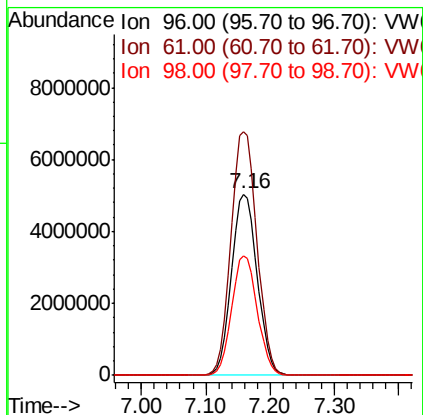
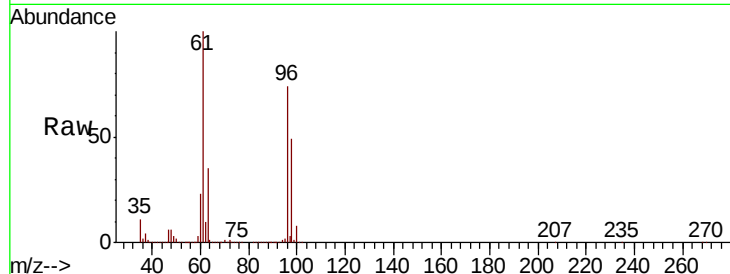


#22

cis-1,2-Dichloroethene
Concen: 1477.745 ug/L
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW010306.D
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A5156

Tgt Ion: 96 Resp:14067122
Ion Ratio Lower Upper
96 100
61 134.5 98.2 182.4
98 65.9 45.8 85.2



#35

Trichloroethene
Concen: 8.692 ug/L
RT: 9.09 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VW010306.D
Acq: 07 May 2019 18:58

Tgt Ion: 95 Resp: 78290
Ion Ratio Lower Upper
95 100
97 67.5 44.8 83.2
132 97.6 64.7 120.1
130 101.6 68.3 126.9

