

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080218\
 Data File : VW004419.D
 Acq On : 03 Aug 2018 01:30
 Operator : SY/AP
 Sample : J4261-12
 Misc : 6.03G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E5F97

Quant Time: Aug 03 05:34:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 03 05:29:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	963097	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	961532	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	400155	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	363772	30.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	121.48%
7) Chloroethane-d5	2.89	69	267402	26.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.12%
10) 1,1-Dichloroethene-d2	4.01	63	476027	19.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.28%
20) 2-Butanone-d5	7.09	46	232689	44.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.10%
24) Chloroform-d	7.65	84	640219	24.56	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.24%
26) 1,2-Dichloroethane-d4	8.31	65	373636	25.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.80%
29) Benzene-d6	8.28	84	1288359	25.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.76%
33) 1,2-Dichloropropane-d6	9.28	67	415844	24.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.52%
37) Toluene-d8	10.33	98	1094067	24.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.04%
38) trans-1,3-Dichloropropene-	10.58	79	155703	22.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.60%
39) 2-Hexanone-d5	10.93	63	167735	41.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.42%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	405318	22.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	405714	26.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.96%

Target Compounds

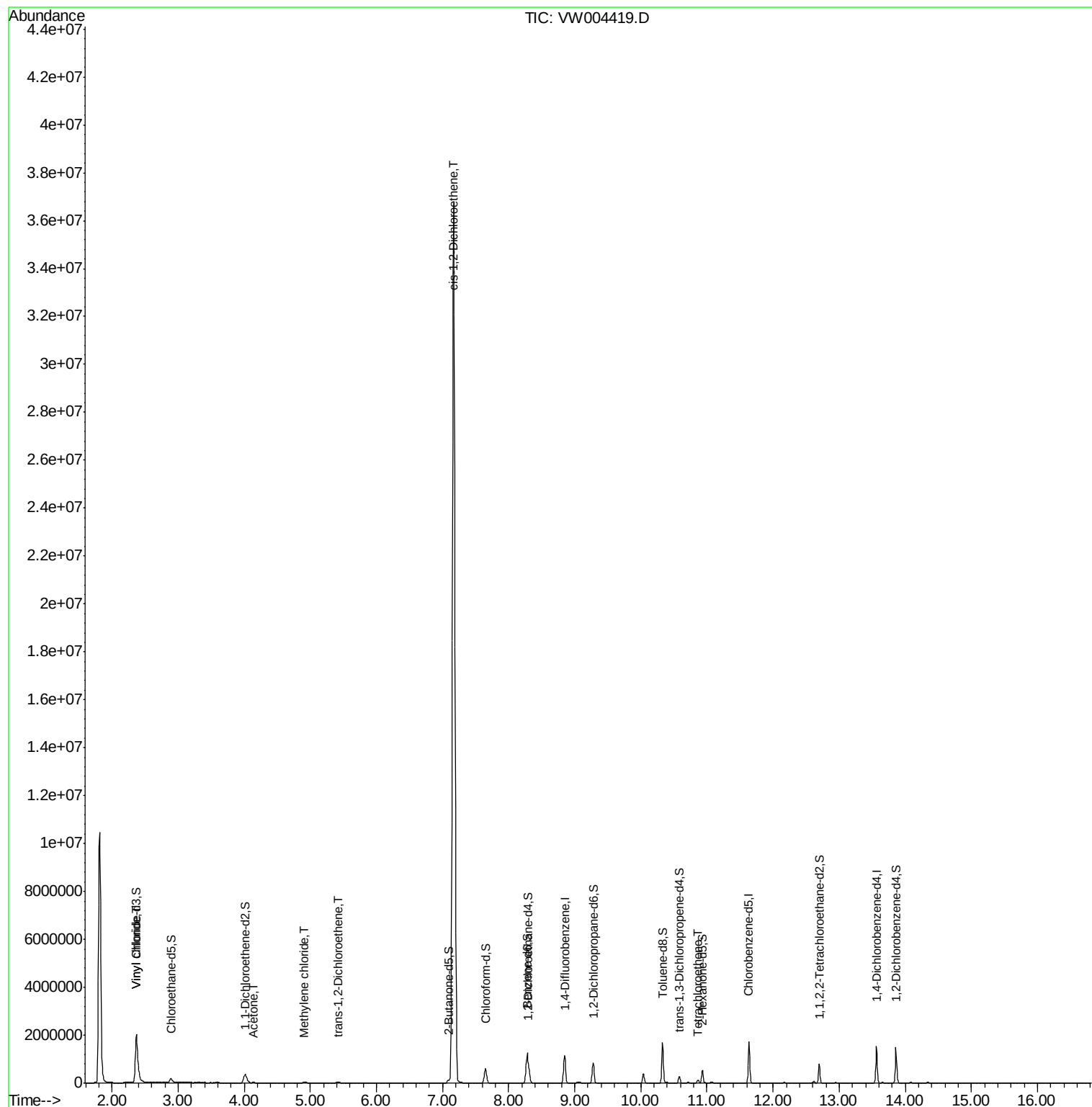
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	2.37	62	3159422	183.058	ug/L	97
13) Acetone	4.14	43	28626	6.256	ug/L	98
16) Methylene chloride	4.91	84	39723	2.077	ug/L	93
18) trans-1,2-Dichloroethene	5.42	96	31858	2.333	ug/L	94
22) cis-1,2-Dichloroethene	7.17	96	22923106	1537.858	ug/L	79
47) Tetrachloroethene	10.87	164	26676	2.261	ug/L	94

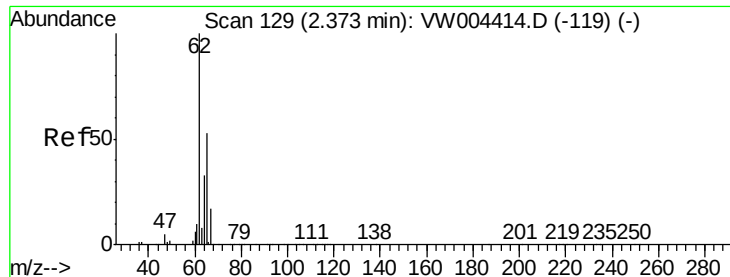
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 183.058 ug/L

RT: 2.37 min Scan# 128

Delta R.T. -0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

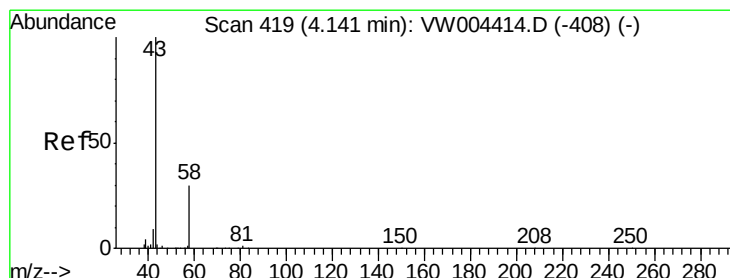
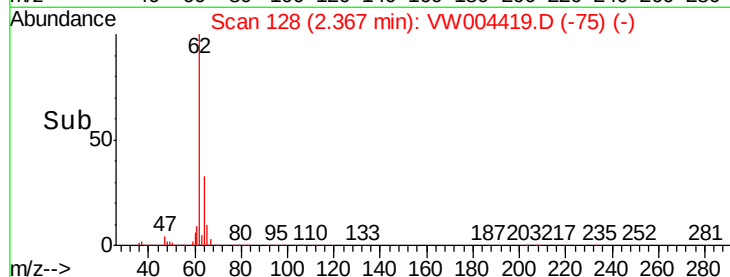
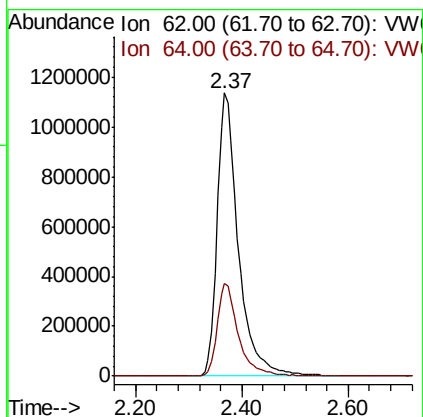
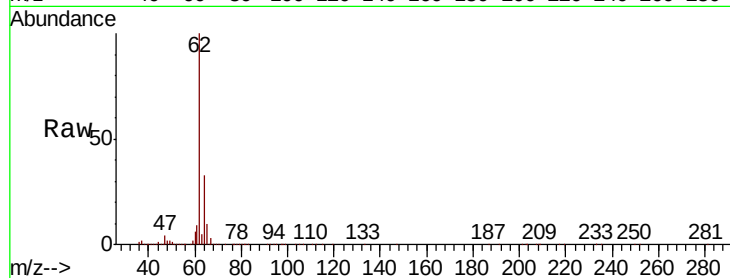
E5F97

Tot Ion: 62 Resp: 3159422

Ion Ratio Lower Upper

62 100

64 32.7 24.0 44.6



#13

Acetone

Concen: 6.256 ug/L

RT: 4.14 min Scan# 418

Delta R.T. -0.01 min

Lab File: VW004419.D

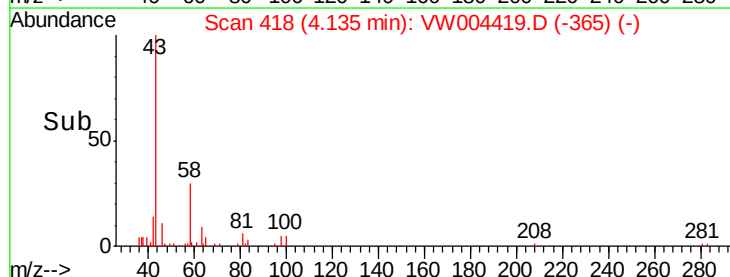
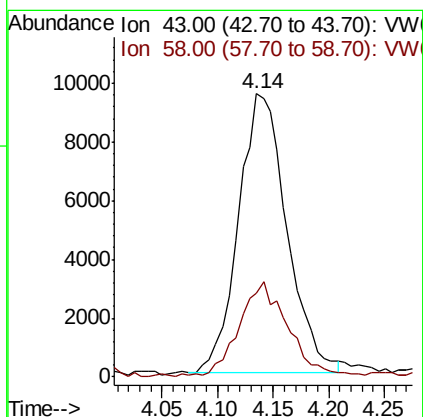
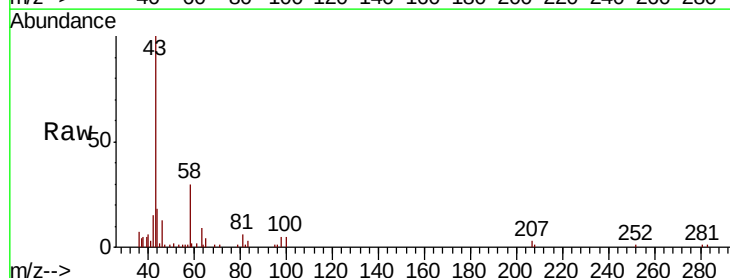
Acq: 03 Aug 2018 01:30

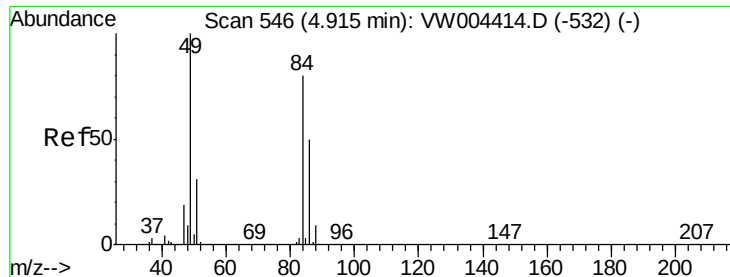
Tgt Ion: 43 Resp: 28626

Ion Ratio Lower Upper

43 100

58 34.6 0.0 66.4

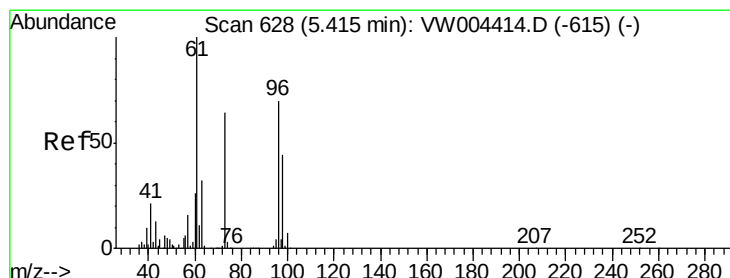
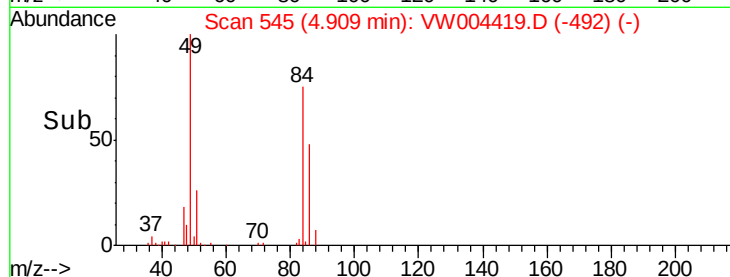
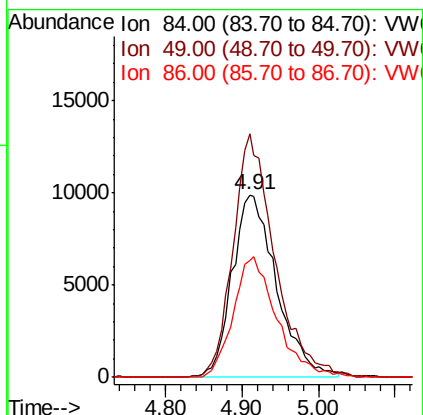
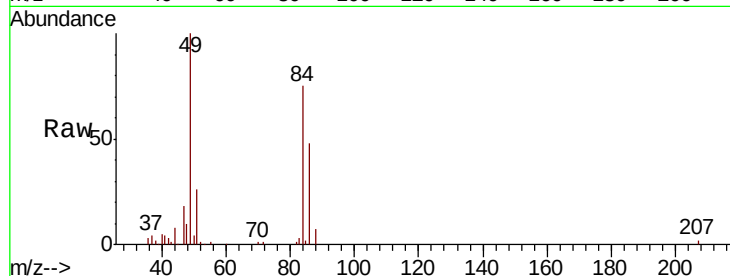




#16
Methylene chloride
Concen: 2.077 ug/L
RT: 4.91 min Scan# 545
Delta R.T. -0.01 min
Lab File: VW004419.D
Acq: 03 Aug 2018 01:30

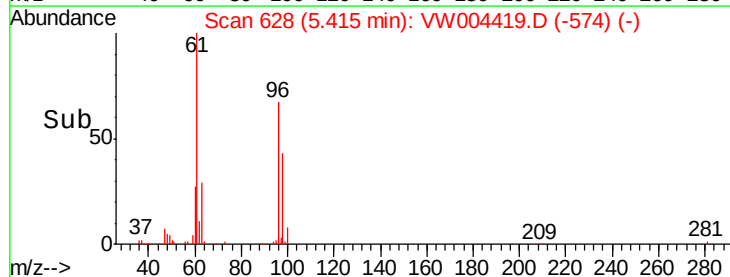
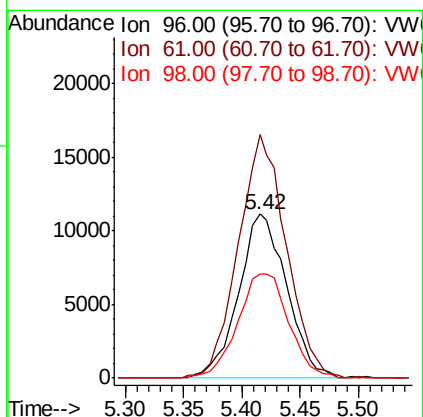
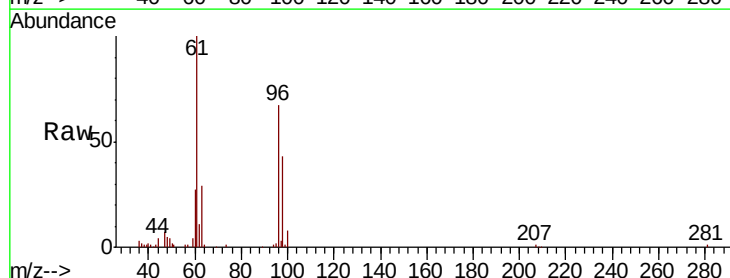
Instrument :
MSVOA_W
ClientSampled :
E5F97

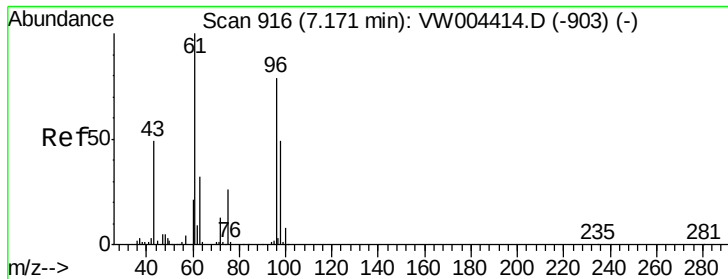
Tot Ion: 84 Resp: 39723
Ion Ratio Lower Upper
84 100
49 133.5 86.0 159.6
86 64.4 43.5 80.9



#18
trans-1,2-Dichloroethene
Concen: 2.333 ug/L
RT: 5.42 min Scan# 628
Delta R.T. 0.00 min
Lab File: VW004419.D
Acq: 03 Aug 2018 01:30

Tgt Ion: 96 Resp: 31858
Ion Ratio Lower Upper
96 100
61 148.8 97.9 181.7
98 63.9 43.0 79.8





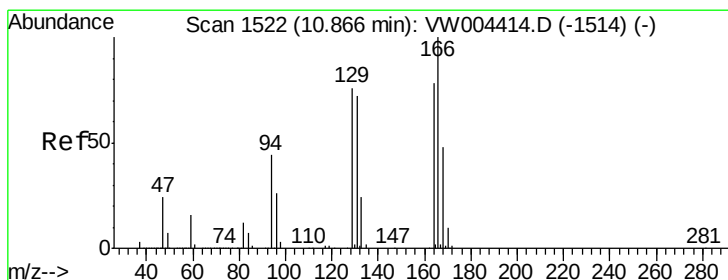
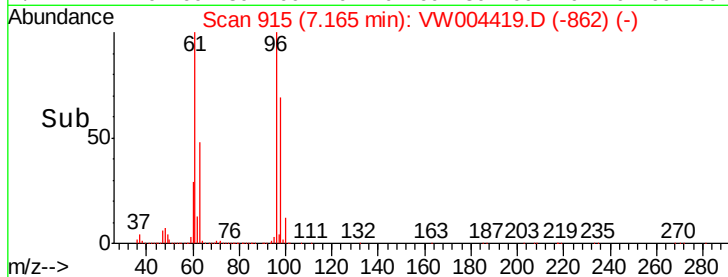
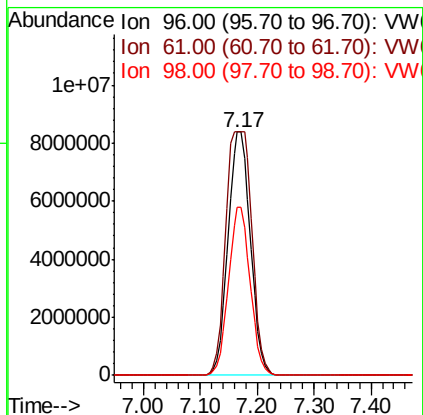
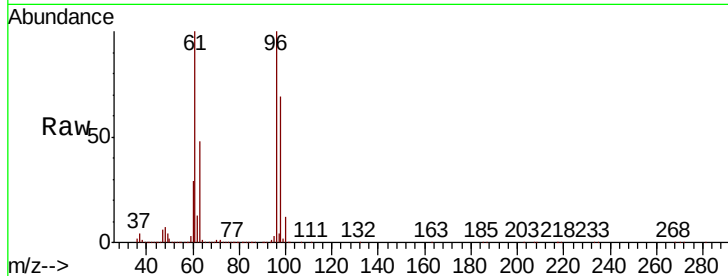
#22

cis-1,2-Dichloroethene
 Concen: 1537.858 ug/L
 RT: 7.17 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: VW004419.D
 Acq: 03 Aug 2018 01:30

Instrument :
 MSVOA_W
 ClientSampled :
 E5F97

Tot Ion: 96 Resp: 22923106

Ion	Ratio	Lower	Upper
96	100		
61	100.0	92.5	171.7
98	69.0	44.1	81.9



#47

Tetrachloroethene
 Concen: 2.261 ug/L
 RT: 10.87 min Scan# 1522
 Delta R.T. 0.00 min
 Lab File: VW004419.D
 Acq: 03 Aug 2018 01:30

Tgt Ion: 164 Resp: 26676

Ion	Ratio	Lower	Upper
164	100		
129	96.0	65.4	121.4
131	89.9	63.8	118.6
166	138.5	88.1	163.5

