

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082318\
 Data File : VW004903.D
 Acq On : 23 Aug 2018 17:52
 Operator : SY/AP
 Sample : J4624-06
 Misc : 5.04G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E4432

Manual Integrations
 APPROVED

MMDadoda
 8/27/2018 1:45:24 PM

Quant Time: Aug 24 07:00:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 05:01:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	961319	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	876086	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	437008	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	333394	18.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.40%
7) Chloroethane-d5	2.89	69	248359	18.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.76%
10) 1,1-Dichloroethene-d2	4.03	63	345029	14.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.48%
20) 2-Butanone-d5	7.09	46	95085	25.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.42%
24) Chloroform-d	7.65	84	402948m	18.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.52%
26) 1,2-Dichloroethane-d4	8.32	65	208626	17.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	71.96%
29) Benzene-d6	8.28	84	1078270	23.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.72%
33) 1,2-Dichloropropane-d6	9.28	67	314443	23.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.00%
37) Toluene-d8	10.33	98	1052214	22.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.16%
38) trans-1,3-Dichloropropene-	10.59	79	125234	21.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.92%
39) 2-Hexanone-d5	10.93	63	105590	32.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.38%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	240047	18.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	378045	21.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.16%

Target Compounds

						Ovalue
5) Vinyl chloride	2.36	62	173782	8.37	ug/L	100
13) Acetone	4.15	43	11421	3.99	ug/L	72
18) trans-1,2-Dichloroethene	5.43	96	65924	5.66	ug/L	96
22) cis-1,2-Dichloroethene	7.18	96	5609386	446.04	ug/L	97
35) Trichloroethene	9.10	95	3287427	264.66	ug/L	99
47) Tetrachloroethene	10.86	164	27874607m	2292.24	ug/L	

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

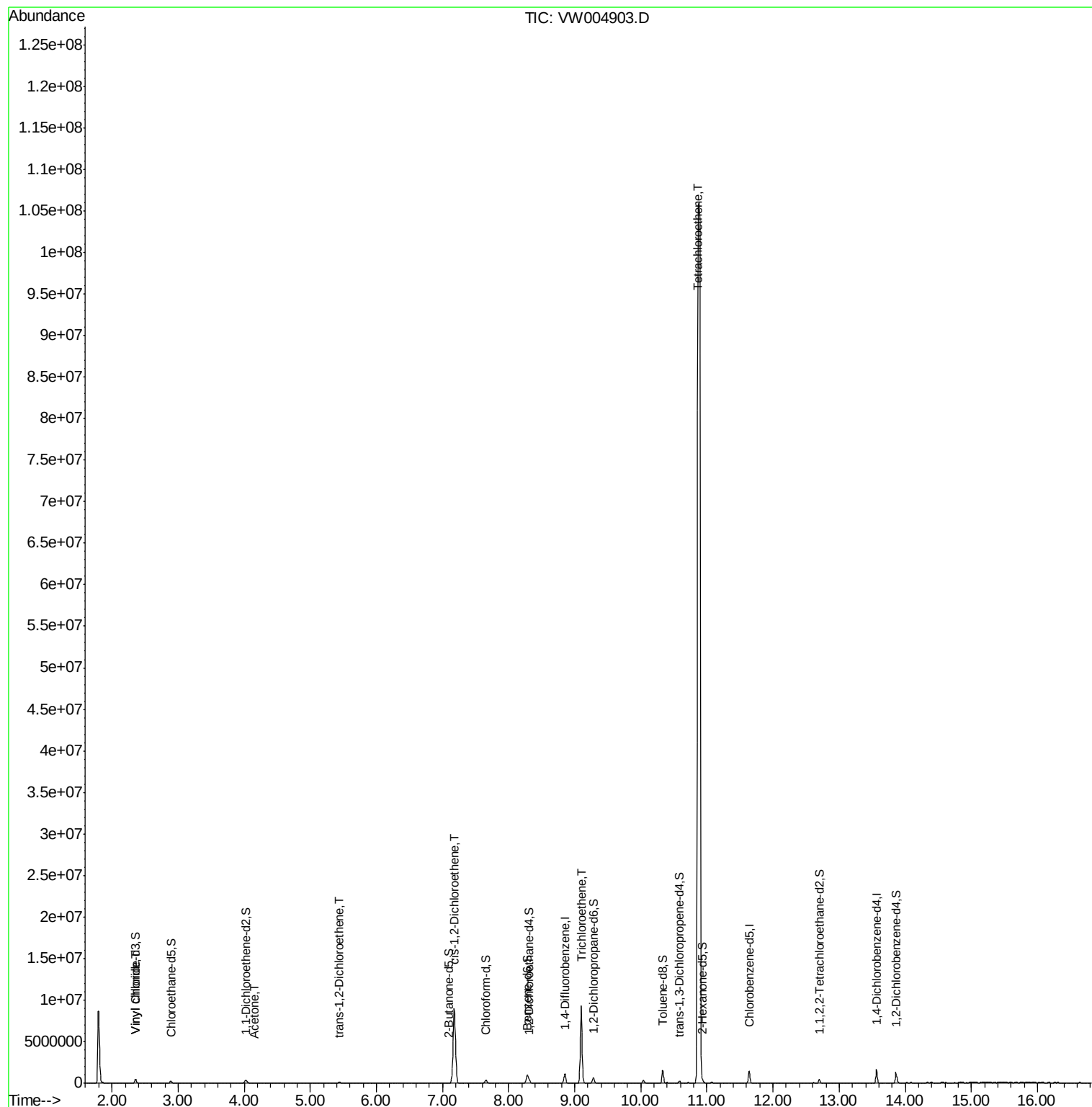
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082318\
Data File : VW004903.D
Acq On : 23 Aug 2018 17:52
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ALS Vial : 1 Sample Multiplier: 1

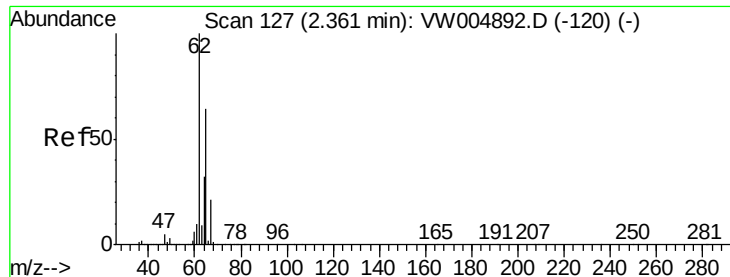
Instrument :
MSVOA_W
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Quant Time: Aug 24 07:00:07 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 24 05:01:02 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 8.37 ug/L

RT: 2.36 min Scan# 127

Delta R.T. -0.00 min

Lab File: VW004903.D

Acq: 23 Aug 2018 17:52

Instrument :

MSVOA_W

ClientSampleId :

E4432

Tot Ion: 62 Resp: 173782

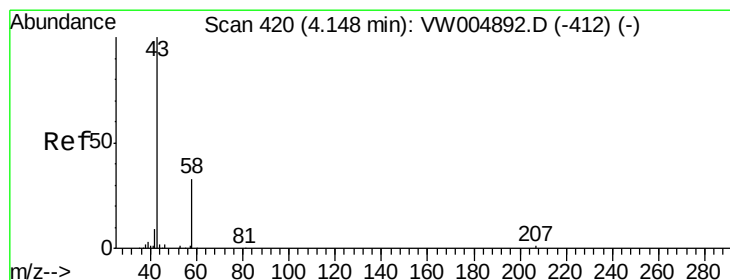
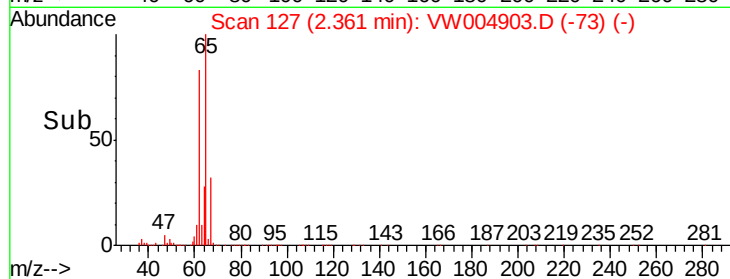
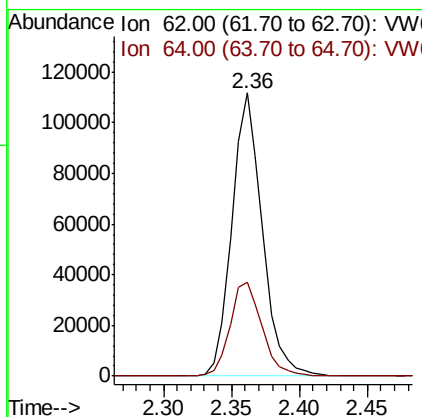
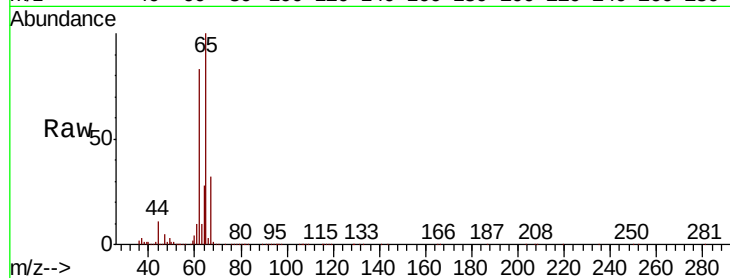
Ion Ratio Lower Upper

62 100

64 33.3 23.3 43.3

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#13

Acetone

Concen: 3.99 ug/L

RT: 4.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: VW004903.D

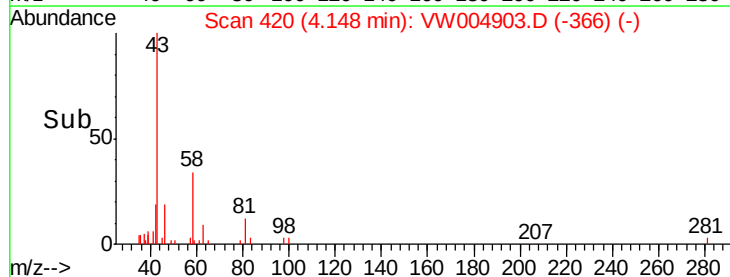
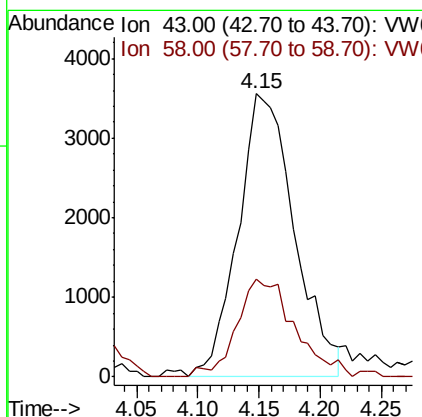
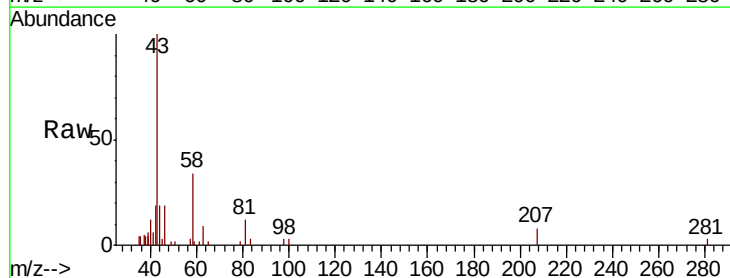
Acq: 23 Aug 2018 17:52

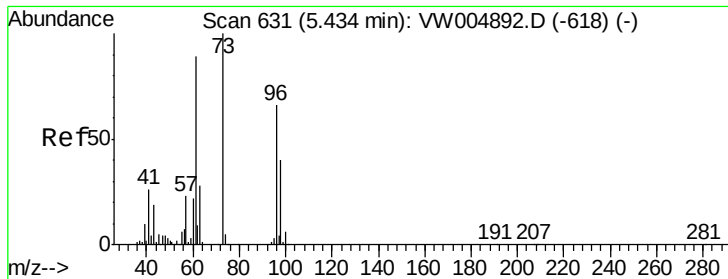
Tgt Ion: 43 Resp: 11421

Ion Ratio Lower Upper

43 100

58 18.2 0.0 69.4





#18

trans-1,2-Dichloroethene

Concen: 5.66 ug/L

RT: 5.43 min Scan# 631

Delta R.T. -0.00 min

Lab File: VW004903.D

Acq: 23 Aug 2018 17:52

Instrument :

MSVOA_W

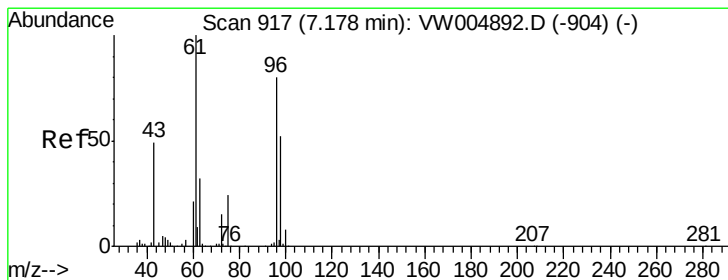
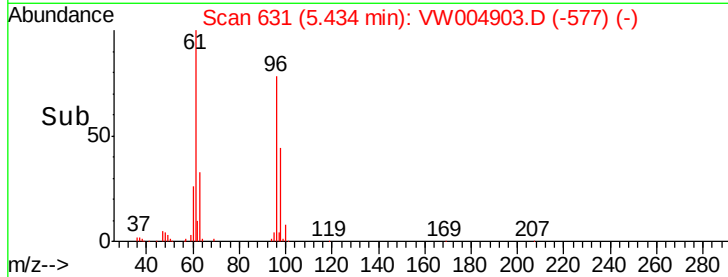
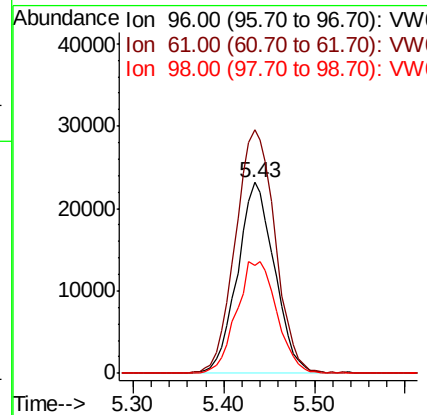
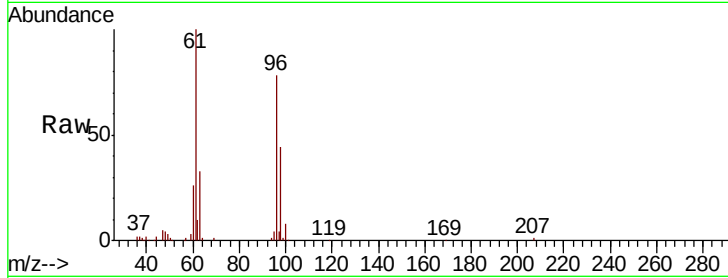
ClientSampleId :

E4432

Tot Ion:	96	Resp:	65924
Ion	Ratio	Lower	Upper
96	100		
61	127.7	92.5	171.9
98	56.7	42.8	79.4

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#22

cis-1,2-Dichloroethene

Concen: 446.04 ug/L

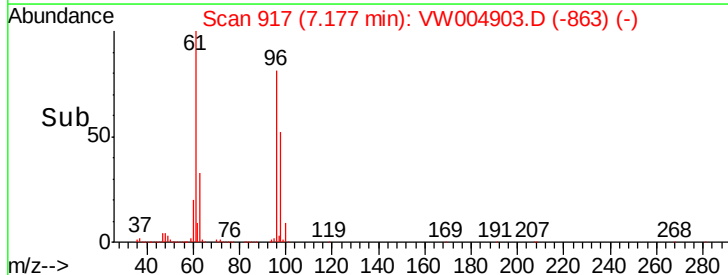
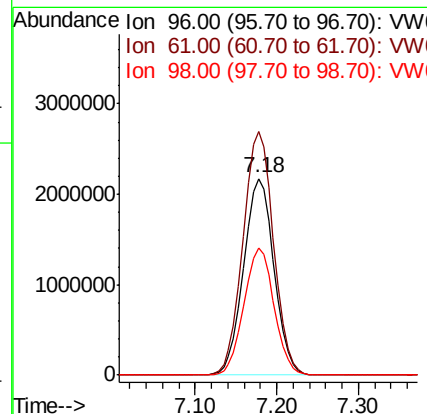
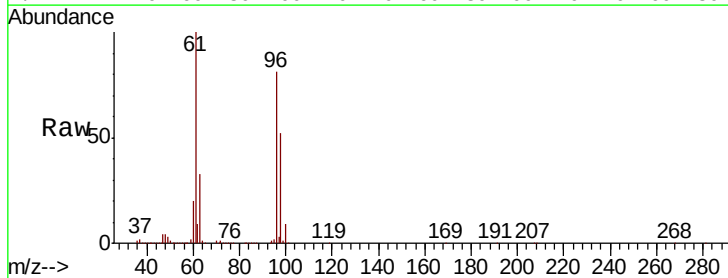
RT: 7.18 min Scan# 917

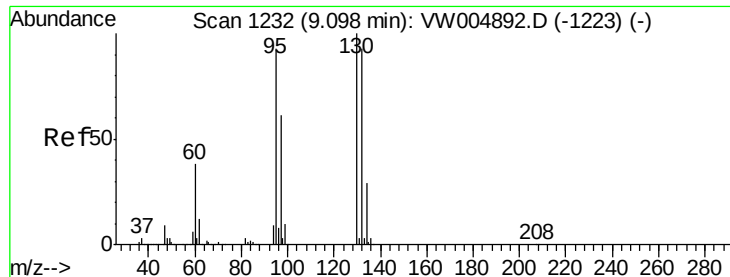
Delta R.T. -0.00 min

Lab File: VW004903.D

Acq: 23 Aug 2018 17:52

Tgt Ion:	96	Resp:	5609386
Ion	Ratio	Lower	Upper
96	100		
61	124.0	89.7	166.7
98	65.0	45.0	83.6





#35

Trichloroethene

Concen: 264.66 ug/L

RT: 9.10 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VW004903.D

Acq: 23 Aug 2018 17:52

Instrument :

MSVOA_W

ClientSampled :

E4432

Tot Ion: 95 Resp: 3287427

Ion Ratio Lower Upper

95 100

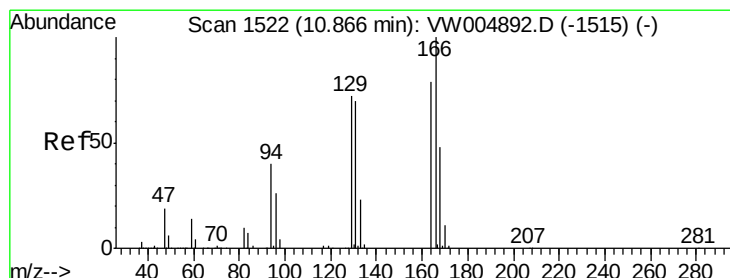
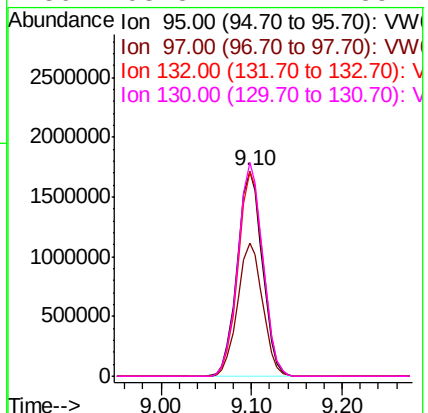
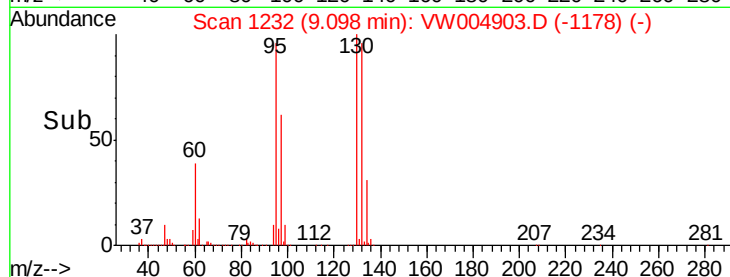
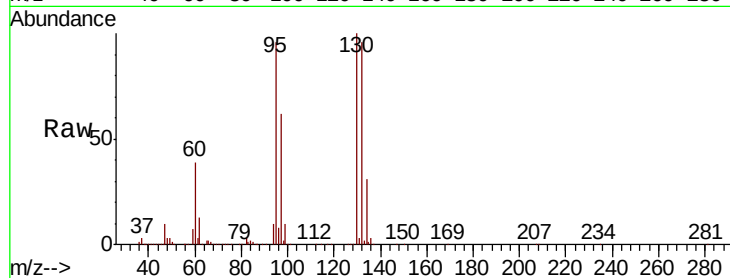
97 65.0 45.9 85.3

132 99.5 69.2 128.4

130 103.3 72.7 135.1

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#47

Tetrachloroethene

Concen: 2292.24 ug/L m

RT: 10.86 min Scan# 1521

Delta R.T. -0.01 min

Lab File: VW004903.D

Acq: 23 Aug 2018 17:52

Tgt Ion: 164 Resp: 27874607

Ion Ratio Lower Upper

164 100

129 100.0 66.8 124.0

131 100.0 64.0 119.0

166 100.0 89.8 166.8

