

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022819\
 Data File : VV009425.D
 Acq On : 28 Feb 2019 16:05
 Operator : SY/MD
 Sample : K1599-04
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CWJW8

Quant Time: Mar 01 04:14:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 01 03:49:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	99072	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	95983	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	45767	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24679	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.59	69	22632	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.13	63	47349	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	3.96	46	53221	54.24	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.48%
24) Chloroform-d	4.40	84	52429	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	5.09	65	26621	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	5.10	84	108819	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
36) 1,2-Dichloropropane-d6	6.12	67	32261	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.36	98	109285	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
43) trans-1,3-Dichloropropene-	7.67	79	13628	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	8.14	63	48973	54.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.92%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	24694	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	38627	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

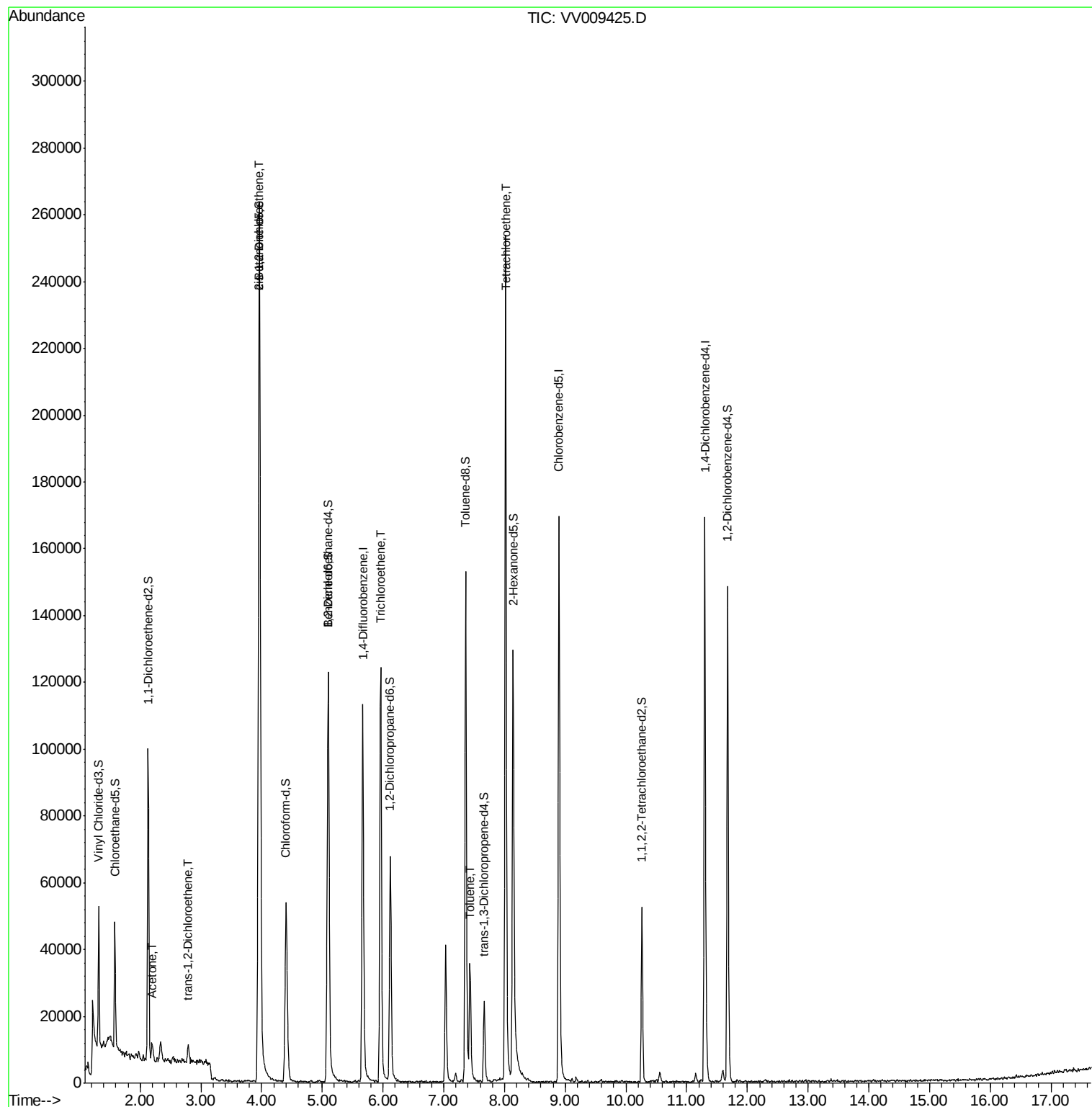
					Ovalue
13) Acetone	2.20	43	4679	5.019 ug/L	97
18) trans-1,2-Dichloroethene	2.79	96	1887	0.268 ug/L #	71
22) cis-1,2-Dichloroethene	3.96	96	131021	19.955 ug/L	98
34) Trichloroethene	5.96	95	44076	6.256 ug/L	94
42) Toluene	7.43	91	26197	0.922 ug/L	98
47) Tetrachloroethene	8.02	164	51529	9.316 ug/L	94

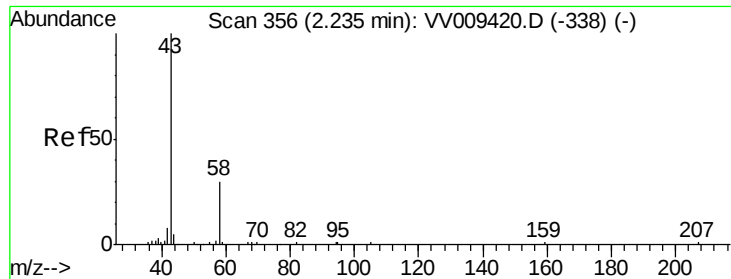
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 01 03:49:54 2019
Response via : Initial Calibration





#13

Acetone

Concen: 5.019 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.03 min

Lab File: VV009425.D

Acq: 28 Feb 2019 16:05

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MSVOA_V

ClientSampleId :

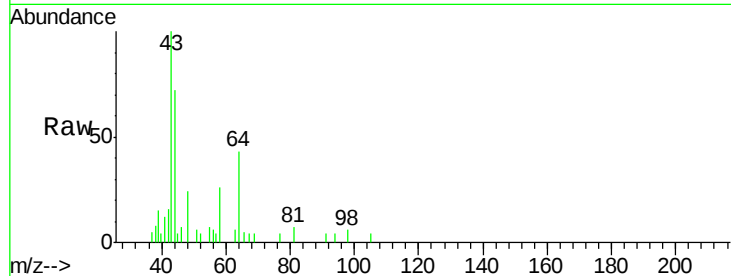
CWJW8

Tot Ion: 43 Resp: 4679

Ion Ratio Lower Upper

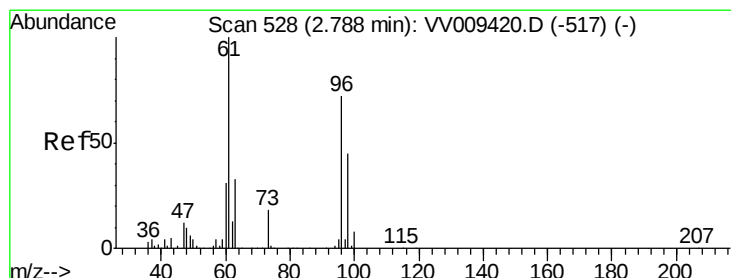
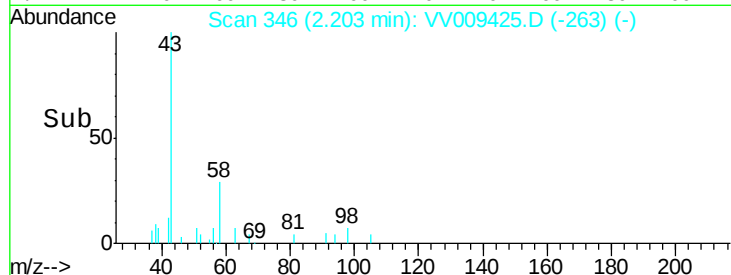
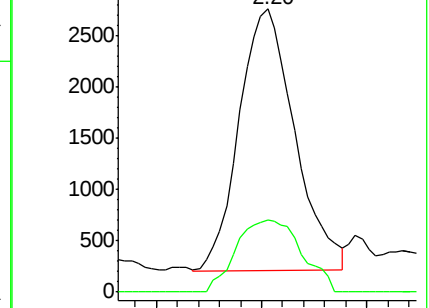
43 100

58 32.4 0.0 62.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#18

trans-1,2-Dichloroethene

Concen: 0.268 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.01 min

Lab File: VV009425.D

Acq: 28 Feb 2019 16:05

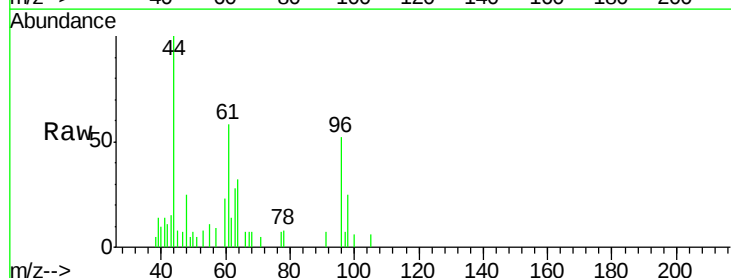
Tgt Ion: 96 Resp: 1887

Ion Ratio Lower Upper

96 100

61 111.4 106.0 196.8

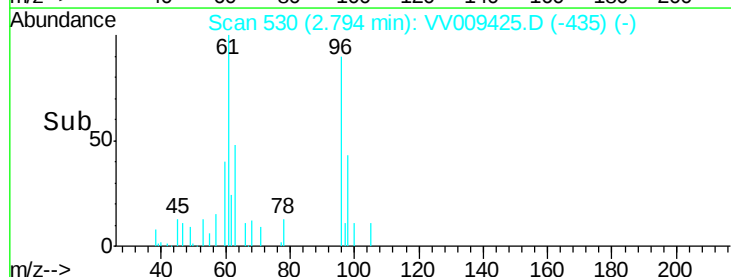
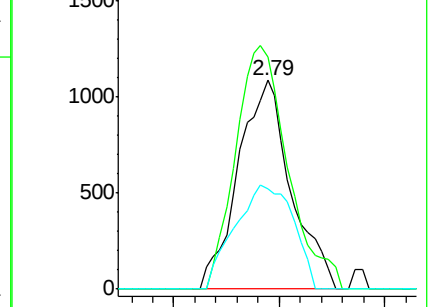
98 48.2 48.2 89.4#

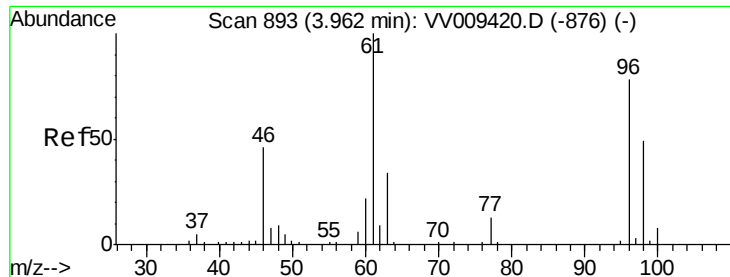


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0



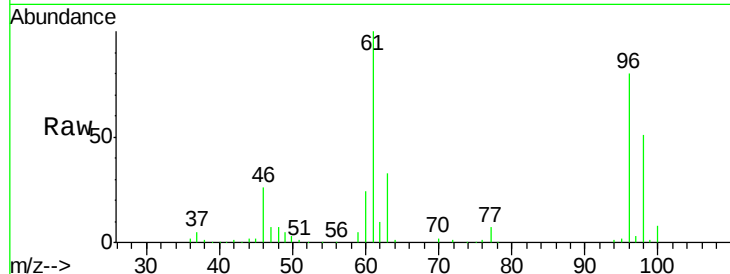


#22

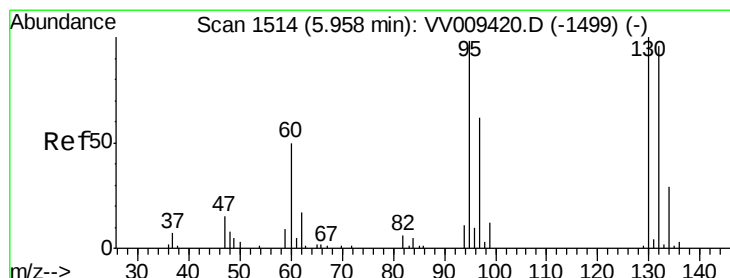
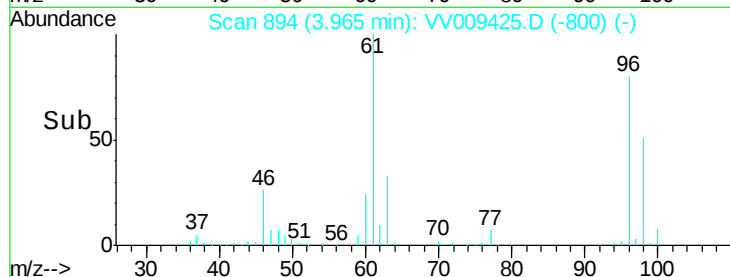
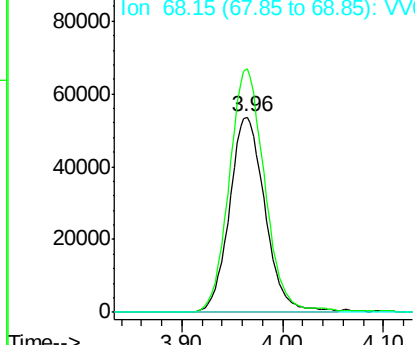
cis-1,2-Dichloroethene
Concen: 19.955 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.00 min
Lab File: VV009425.D
Acq: 28 Feb 2019 16:05

Instrument :
MSVOA_V
ClientSampleId :
CWJW8

Tot Ion: 96 Resp: 131021
Ion Ratio Lower Upper
96 100
61 124.8 86.0 159.8
68 0.0 0.0 0.0



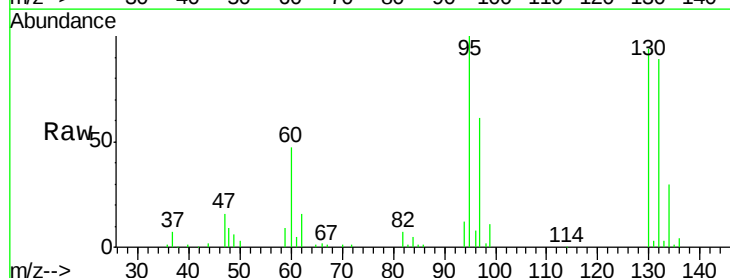
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



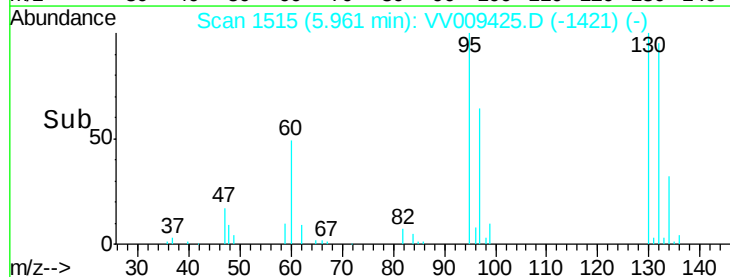
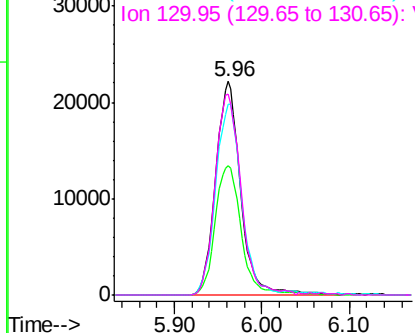
#34

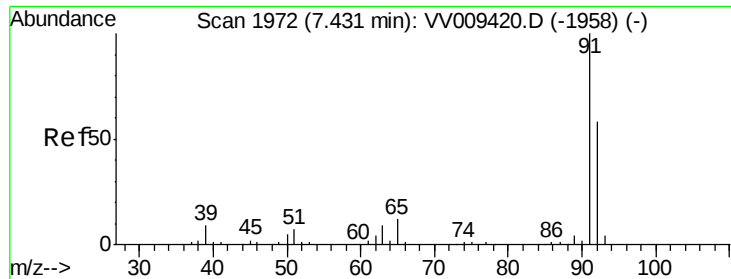
Trichloroethene
Concen: 6.256 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV009425.D
Acq: 28 Feb 2019 16:05

Tgt Ion: 95 Resp: 44076
Ion Ratio Lower Upper
95 100
97 60.7 44.2 82.2
132 89.3 67.8 126.0
130 94.2 70.4 130.8



Abundance Ion 95.00 (94.70 to 95.70): VV0
Ion 96.95 (96.65 to 97.65): VV0
Ion 131.95 (131.65 to 132.65): VV0
Ion 129.95 (129.65 to 130.65): VV0





#42

Toluene

Concen: 0.922 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV009425.D

Acq: 28 Feb 2019 16:05

Instrument :

MSVOA_V

ClientSampleId :

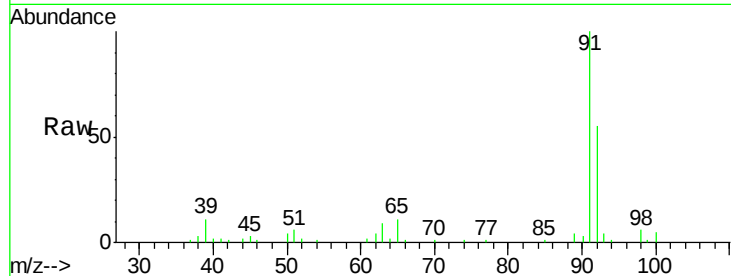
CWJW8

Tot Ion: 91 Resp: 26197

Ion Ratio Lower Upper

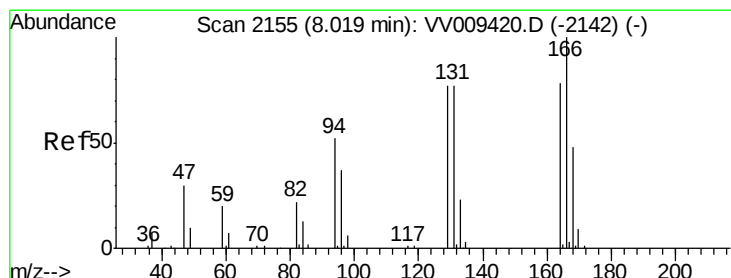
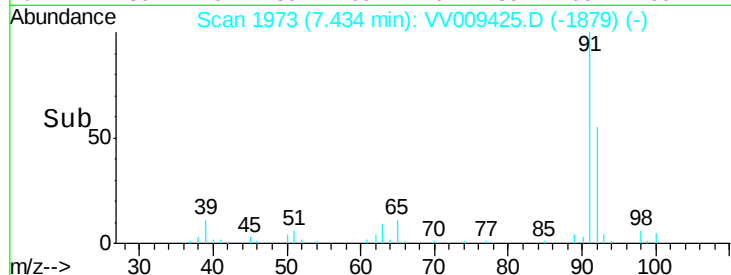
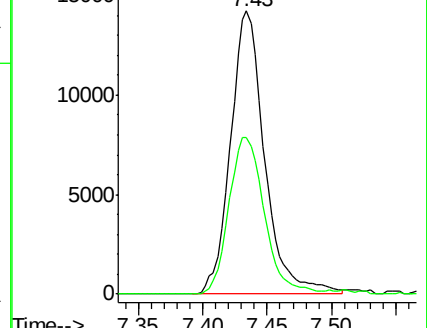
91 100

92 55.2 39.8 73.8



Abundance Ion 91.15 (90.85 to 91.85): VV009420.D (-1958) (-)

Ion 92.15 (91.85 to 92.85): VV009420.D (-1958) (-)



#47

Tetrachloroethene

Concen: 9.316 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV009425.D

Acq: 28 Feb 2019 16:05

Tgt Ion:164 Resp: 51529

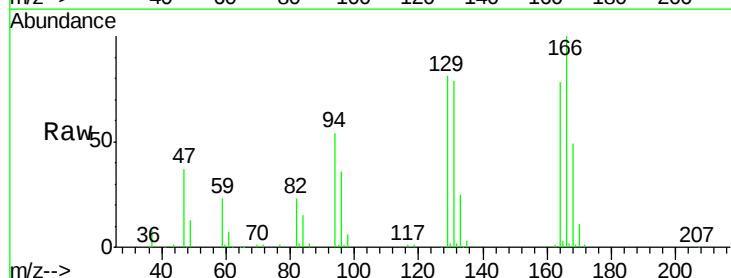
Ion Ratio Lower Upper

164 100

129 103.9 69.3 128.7

131 100.6 64.0 118.8

166 127.7 86.0 159.6



Abundance Ion 163.90 (163.60 to 164.60): VV009420.D (-2142) (-)

Ion 128.95 (128.65 to 129.65): VV009420.D (-2142) (-)

Ion 130.95 (130.65 to 131.65): VV009420.D (-2142) (-)

Ion 165.90 (165.60 to 166.60): VV009420.D (-2142) (-)

