

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072219\
 Data File : VW011429.D
 Acq On : 22 Jul 2019 19:31
 Operator : SY/VA
 Sample : K3863-07
 Misc : 5.53G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52G7

Quant Time: Jul 23 05:39:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 23 04:55:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	388534	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	321251	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	112597	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	138618	26.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.92%
7) Chloroethane-d5	2.89	69	99275	26.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.08%
10) 1,1-Dichloroethene-d2	4.02	63	227909	19.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.56%
20) 2-Butanone-d5	7.07	46	121792	55.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.28%
24) Chloroform-d	7.65	84	251224	25.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	8.31	65	160408	27.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.44%
29) Benzene-d6	8.27	84	529639	27.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.28%
33) 1,2-Dichloropropane-d6	9.27	67	174913	28.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.40%
37) Toluene-d8	10.32	98	439981	25.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.20%
38) trans-1,3-Dichloropropene-	10.58	79	69218	25.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.96%
39) 2-Hexanone-d5	10.93	63	86667	64.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	133853	26.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	104285	24.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.68%

Target Compounds

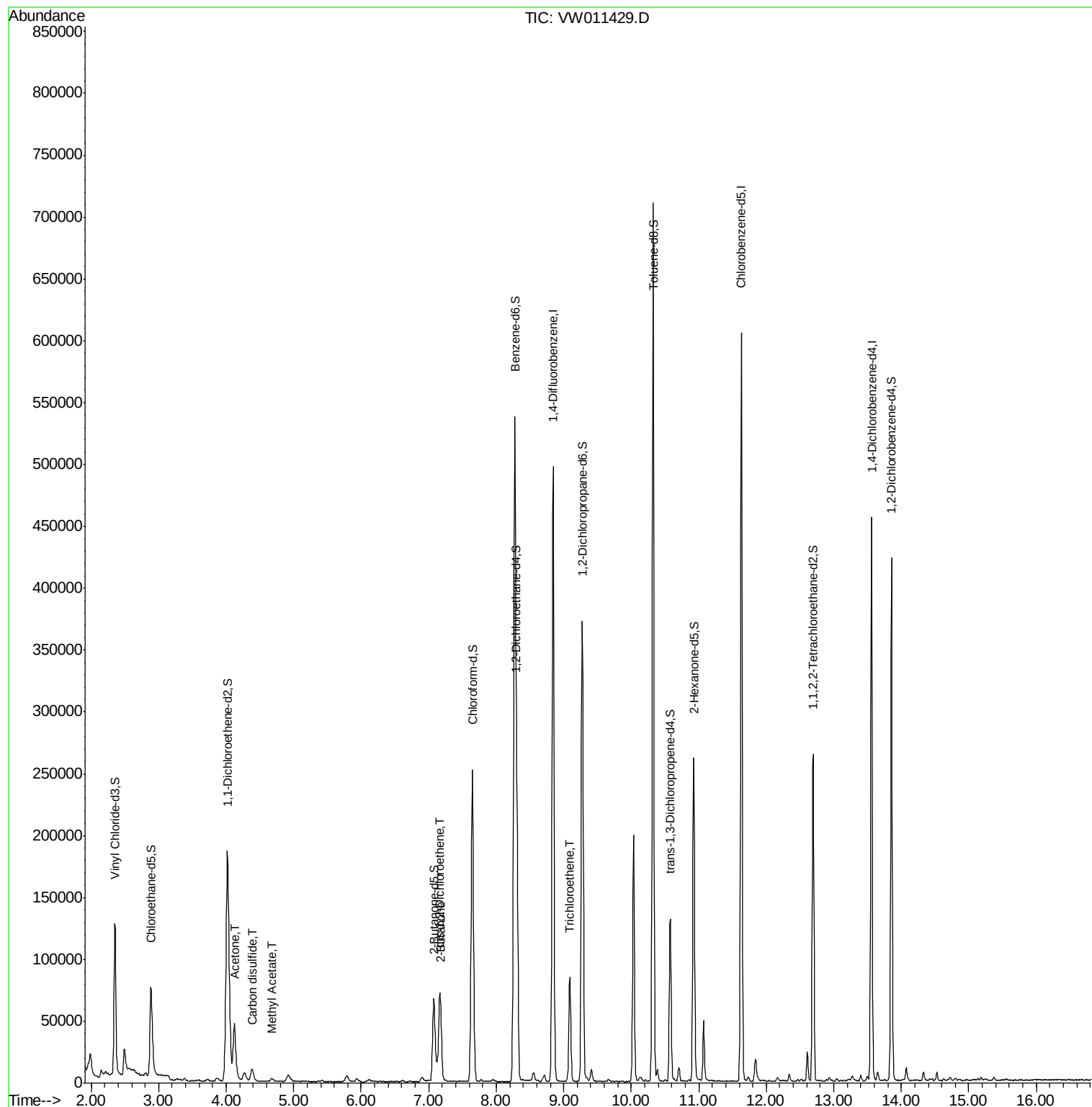
					Ovalue
13) Acetone	4.12	43	81111	34.711 ug/L	99
14) Carbon disulfide	4.39	76	19928	1.191 ug/L	99
15) Methyl Acetate	4.67	43	5871	1.636 ug/L #	66
21) 2-Butanone	7.18	43	11893	3.960 ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	35910	6.370 ug/L	97
35) Trichloroethene	9.09	95	28246	5.329 ug/L	99

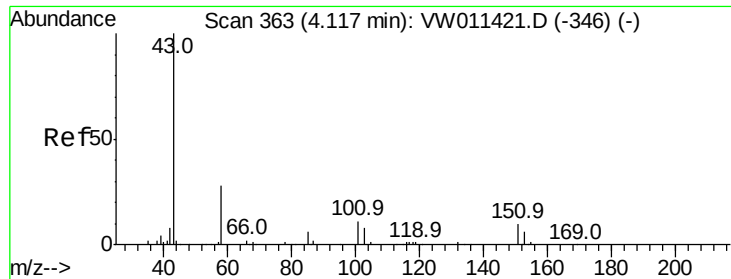
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 34.711 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011429.D

Acq: 22 Jul 2019 19:31

Instrument :

MSVOA_W

ClientSampled :

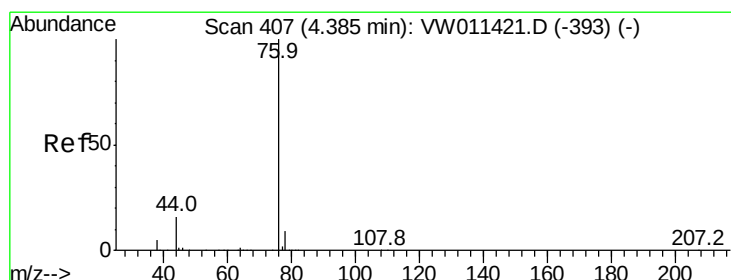
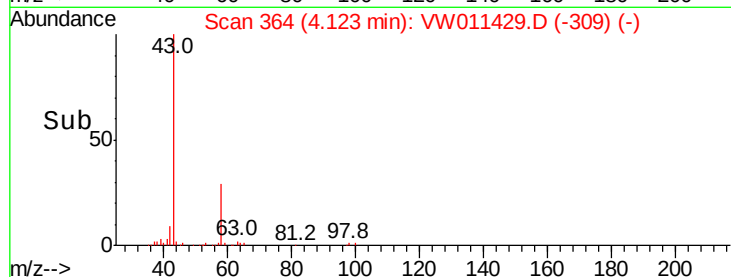
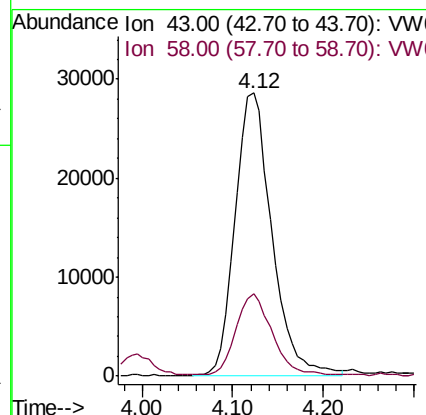
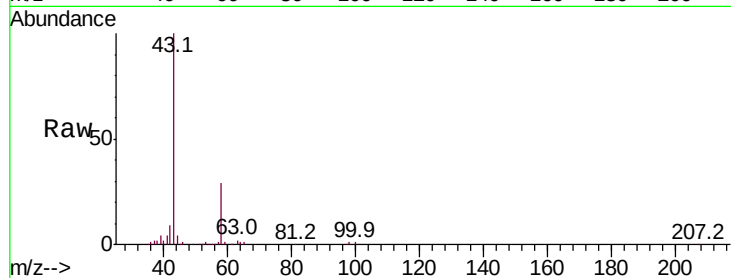
A52G7

Tot Ion: 43 Resp: 81111

Ion Ratio Lower Upper

43 100

58 29.1 0.0 57.2



#14

Carbon disulfide

Concen: 1.191 ug/L

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW011429.D

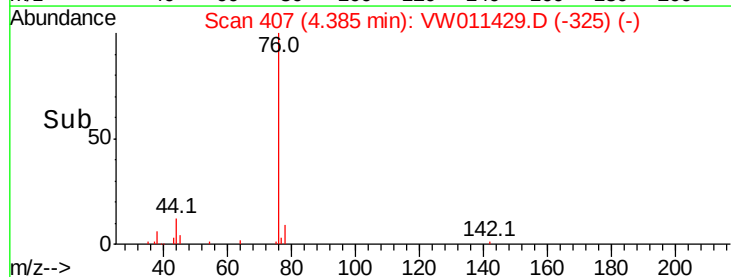
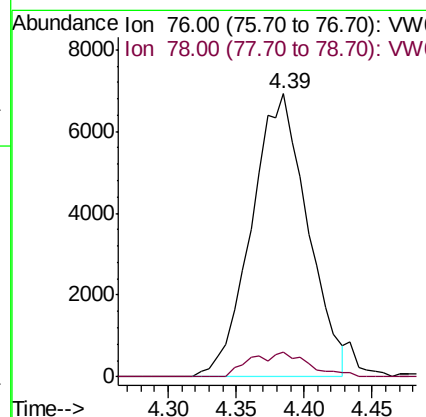
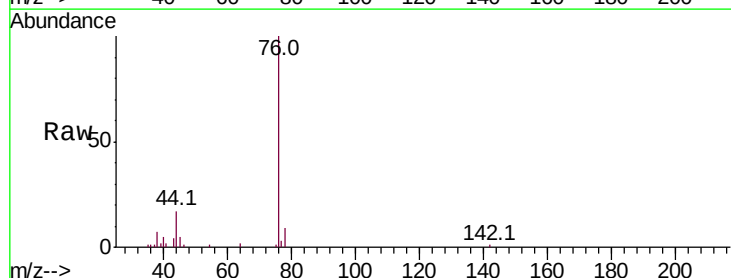
Acq: 22 Jul 2019 19:31

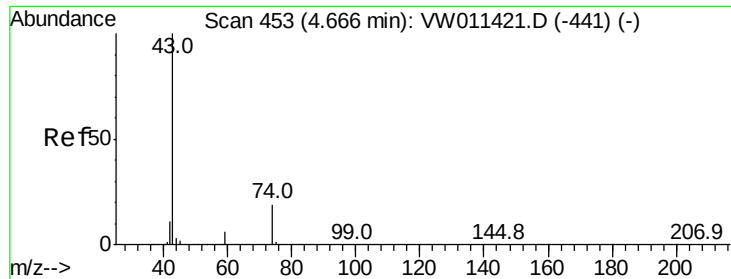
Tgt Ion: 76 Resp: 19928

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9

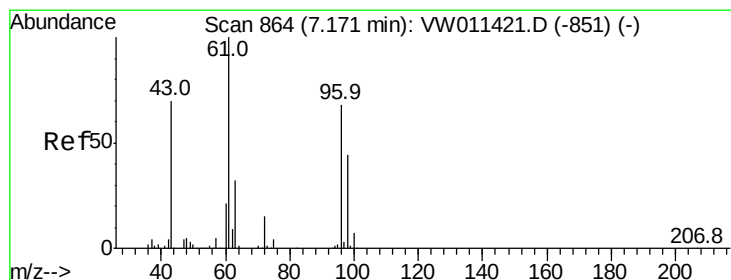
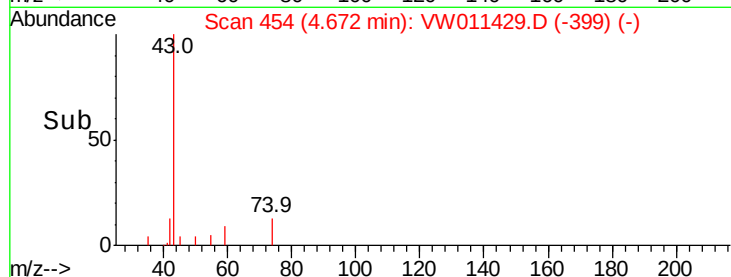
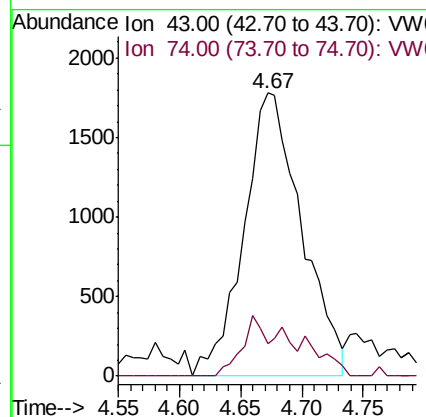
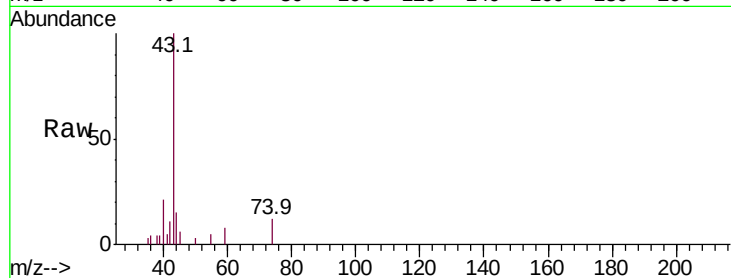




#15
Methyl Acetate
Concen: 1.636 ug/L
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW011429.D
Acq: 22 Jul 2019 19:31

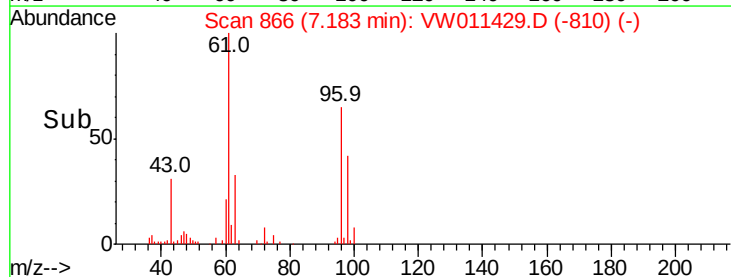
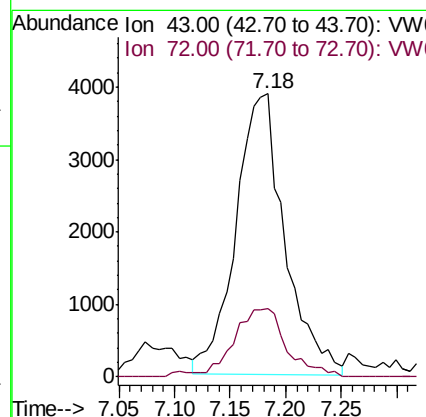
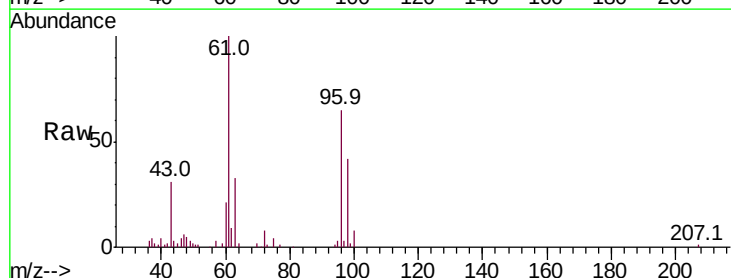
Instrument :
MSVOA_W
ClientSampled :
A52G7

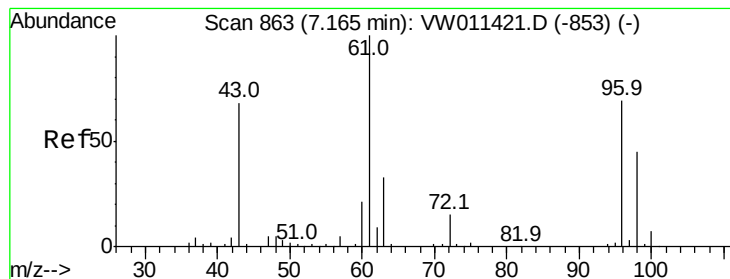
Tot Ion: 43 Resp: 5871
Ion Ratio Lower Upper
43 100
74 3.9 15.2 22.8#



#21
2-Butanone
Concen: 3.960 ug/L
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW011429.D
Acq: 22 Jul 2019 19:31

Tgt Ion: 43 Resp: 11893
Ion Ratio Lower Upper
43 100
72 22.4 10.5 31.6





#22

cis-1,2-Dichloroethene

Concen: 6.370 ug/L

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW011429.D

Acq: 22 Jul 2019 19:31

Instrument :

MSVOA_W

ClientSampleId :

A52G7

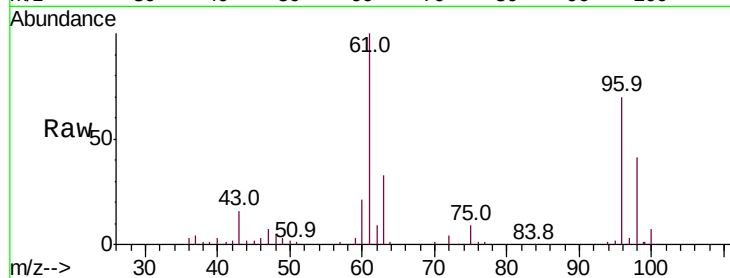
Tot Ion: 96 Resp: 35910

Ion Ratio Lower Upper

96 100

61 143.2 101.8 189.0

98 59.1 45.4 84.2

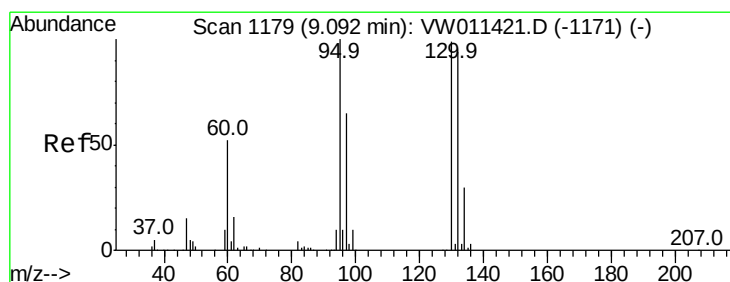
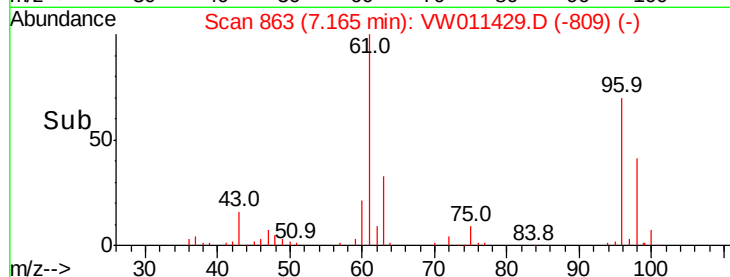
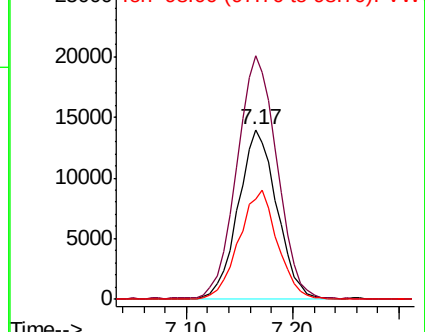


Abundance

Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW



#35

Trichloroethene

Concen: 5.329 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW011429.D

Acq: 22 Jul 2019 19:31

Tgt Ion: 95 Resp: 28246

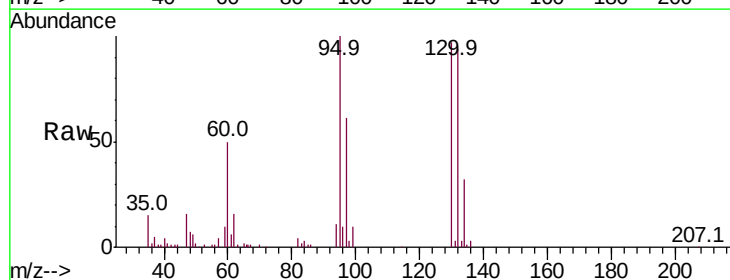
Ion Ratio Lower Upper

95 100

97 64.1 44.6 82.8

132 94.0 66.0 122.6

130 96.4 68.4 127.0



Abundance

Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

