

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009446.D
 Acq On : 25 Mar 2019 23:57
 Operator : SY/VA
 Sample : K2044-14
 Misc : 5.38G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 26 09:06:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 09:00:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	376462	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	292724	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	79423	25.00	ug/L	0.00

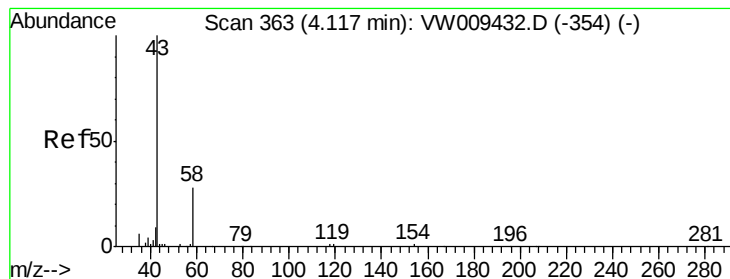
System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	84822	18.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.40%
7) Chloroethane-d5	2.89	69	97701	18.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.24%
10) 1,1-Dichloroethene-d2	4.01	63	139196	14.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.28%
20) 2-Butanone-d5	7.08	46	111170	59.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.50%
24) Chloroform-d	7.64	84	236873	23.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.24%
26) 1,2-Dichloroethane-d4	8.31	65	157613	25.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.88%
29) Benzene-d6	8.27	84	410351	25.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.68%
33) 1,2-Dichloropropane-d6	9.27	67	135488	27.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.76%
37) Toluene-d8	10.32	98	313116	20.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.92%
38) trans-1,3-Dichloropropene-	10.57	79	58086	23.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.40%
39) 2-Hexanone-d5	10.93	63	79519	67.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.42%#
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	112772	23.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	64348	21.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.52%

Target Compounds

					Ovalue
13) Acetone	4.12	43	30319	19.872	ug/L 97
14) Carbon disulfide	4.37	76	11094	0.889	ug/L 99
16) Methylene chloride	4.92	84	23913	4.356	ug/L 95
36) Methylcyclohexane	9.34	83	3024	0.409	ug/L 93
42) cis-1,3-Dichloropropene	10.03	75	4401	0.657	ug/L # 77
47) Tetrachloroethene	10.87	164	1114	0.309	ug/L 92
50) Dibromochloromethane	10.87	129	1307	0.323	ug/L # 9
59) 1,2,3-Trichloropropane	13.55	75	10685	3.254	ug/L 91

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



#13

Acetone

Concen: 19.872 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW009446.D

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Instrument :

MSVOA_W

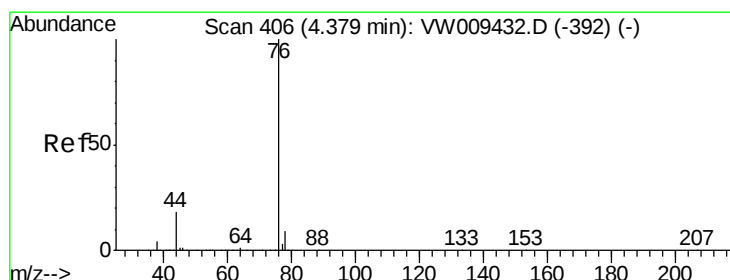
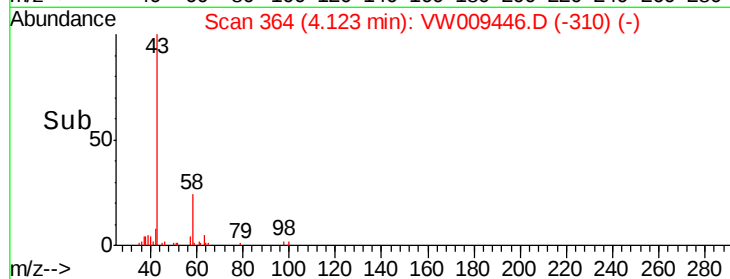
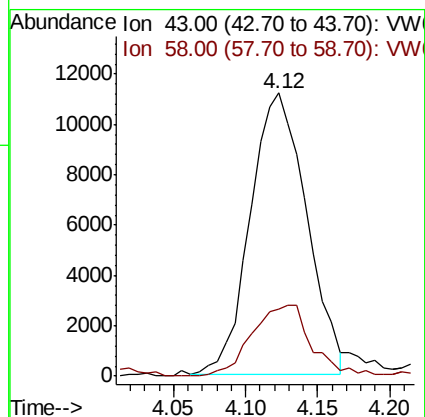
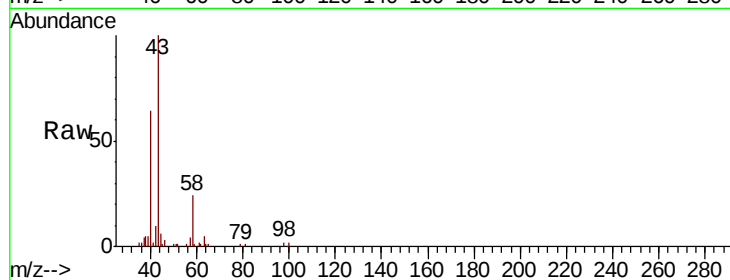
ClientSampleId :

Tot Ion: 43 Resp: 30319

Ion Ratio Lower Upper

43 100

58 26.7 0.0 56.2



#14

Carbon disulfide

Concen: 0.889 ug/L

RT: 4.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW009446.D

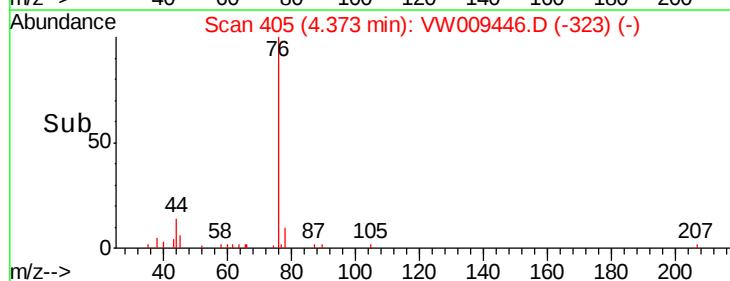
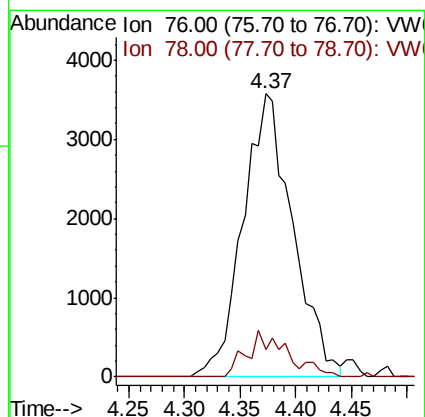
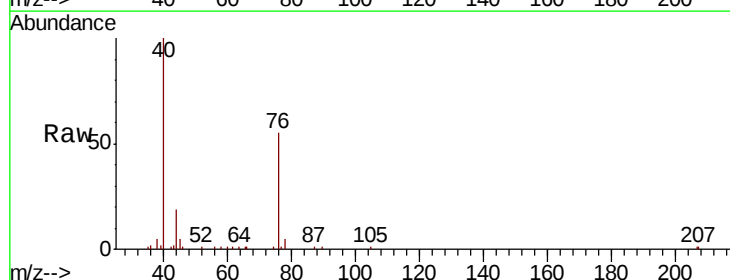
Acq: 25 Mar 2019 23:57

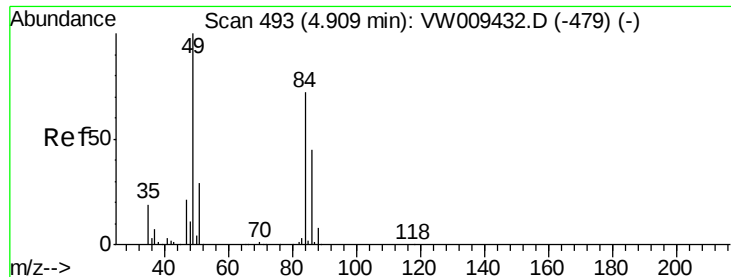
Tgt Ion: 76 Resp: 11094

Ion Ratio Lower Upper

76 100

78 9.6 7.3 10.9

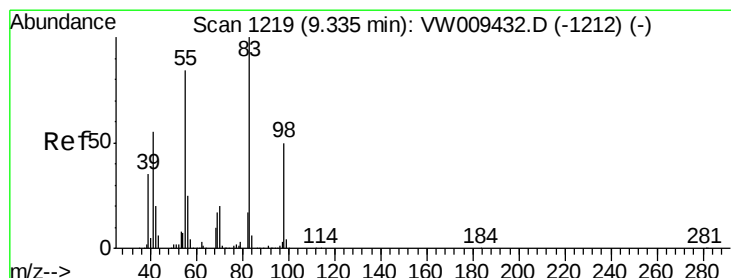
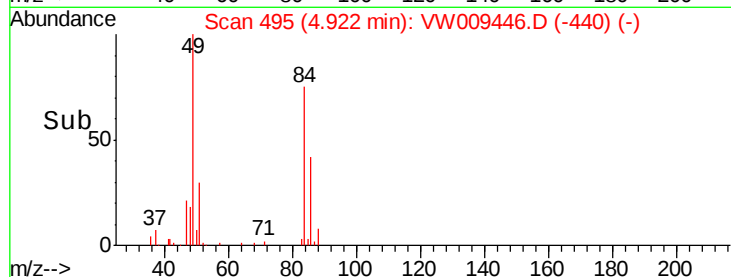
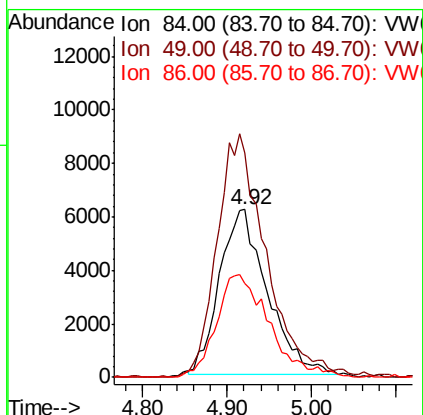
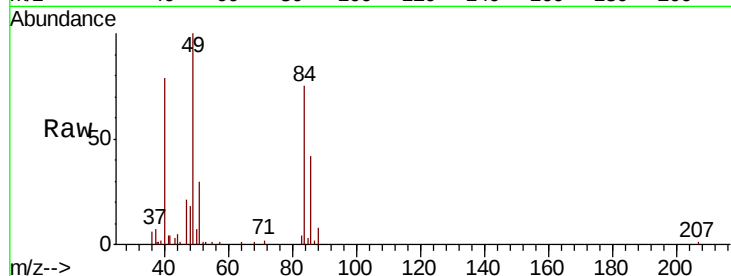




#16
Methylene chloride
Concen: 4.356 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009446.D
Acq: 25 Mar 2019 23:57

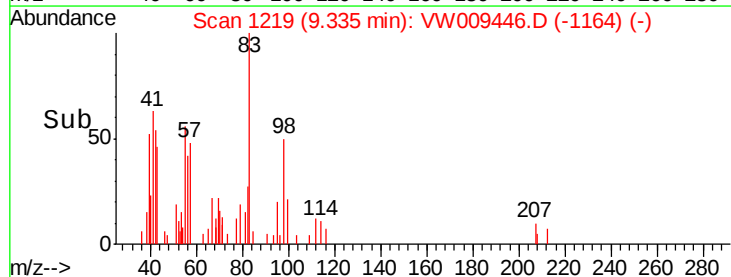
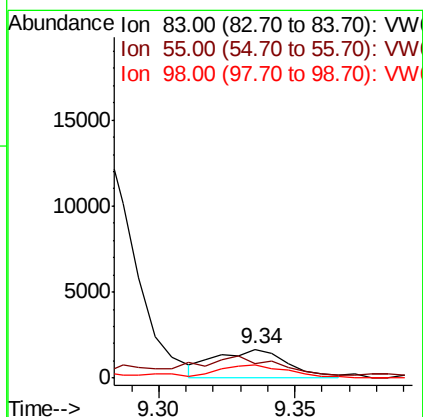
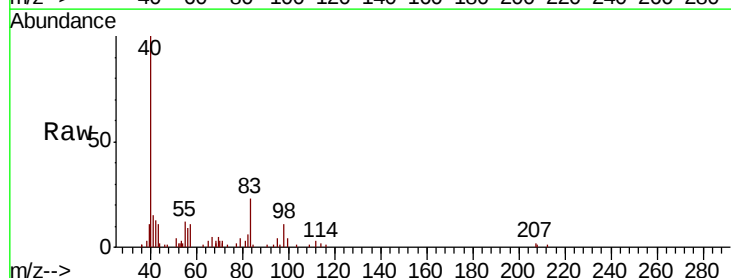
Instrument :
MSVOA_W
ClientSampleId :

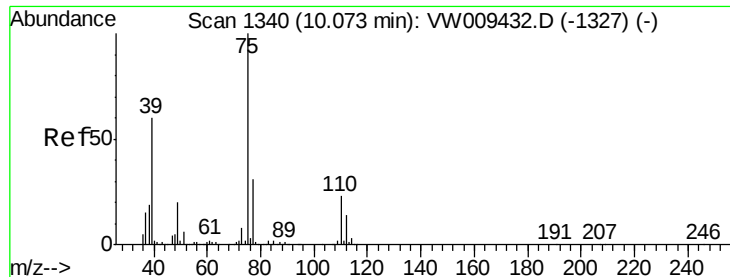
Tot Ion: 84 Resp: 23913
Ion Ratio Lower Upper
84 100
49 134.0 96.0 178.2
86 55.9 44.4 82.5



#36
Methylcyclohexane
Concen: 0.409 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. 0.01 min
Lab File: VW009446.D
Acq: 25 Mar 2019 23:57

Tgt Ion: 83 Resp: 3024
Ion Ratio Lower Upper
83 100
55 84.5 63.5 95.3
98 44.2 39.8 59.8





#42

cis-1,3-Dichloropropene

Concen: 0.657 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW009446.D

Acq: 25 Mar 2019 23:57

Instrument :

MSVOA_W

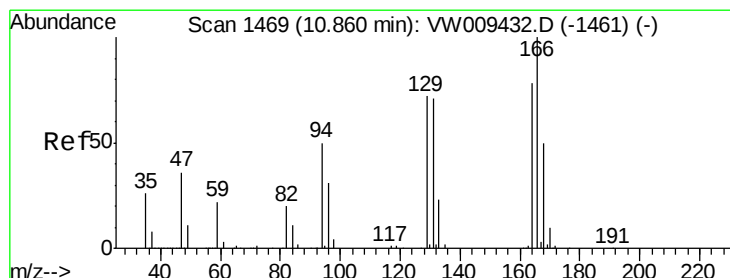
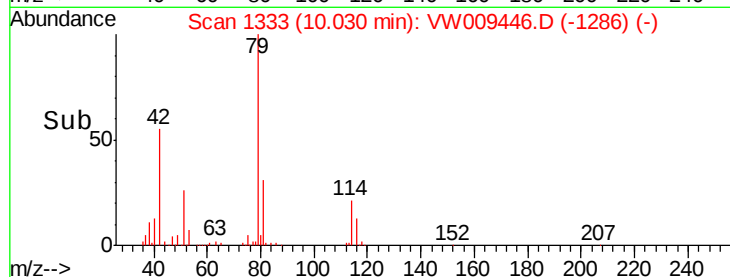
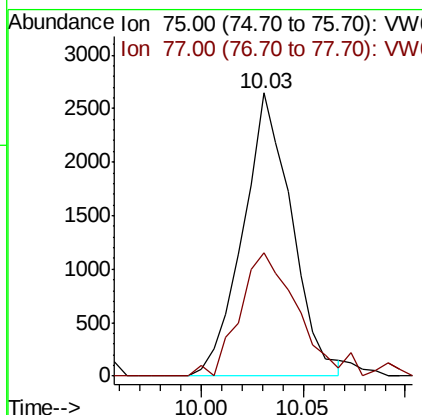
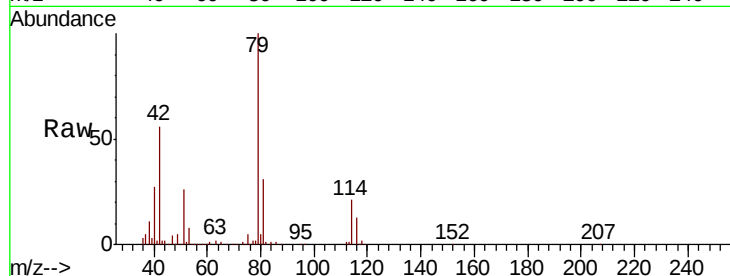
ClientSampled :

Tot Ion: 75 Resp: 4401

Ion Ratio Lower Upper

75 100

77 43.7 21.6 40.2#



#47

Tetrachloroethene

Concen: 0.309 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW009446.D

Acq: 25 Mar 2019 23:57

Tgt Ion:164 Resp: 1114

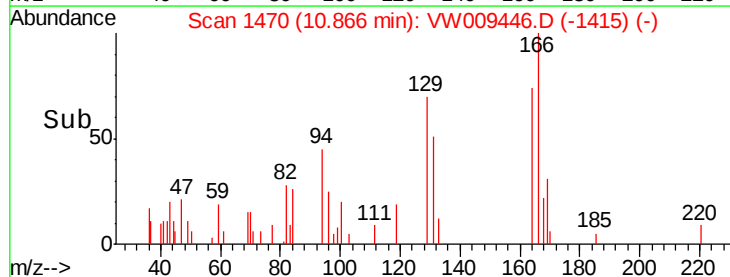
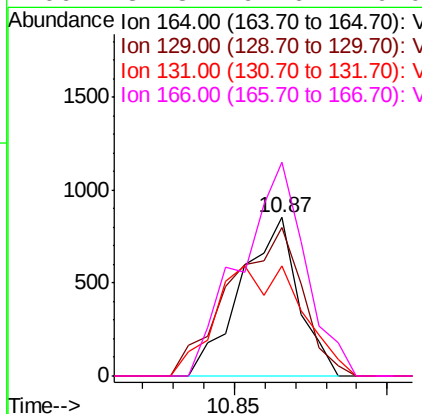
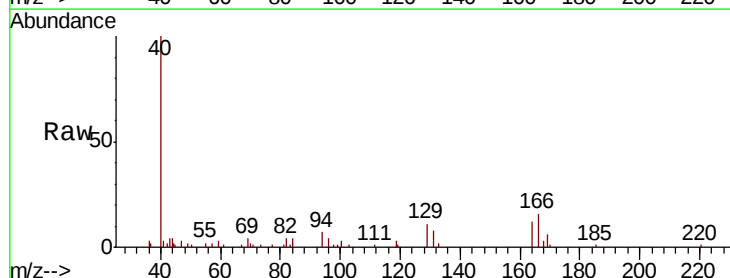
Ion Ratio Lower Upper

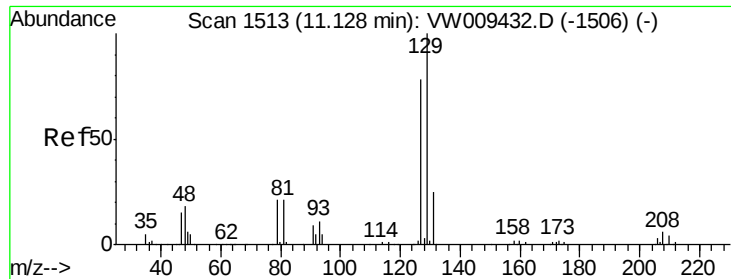
164 100

129 93.8 66.5 123.5

131 69.2 62.6 116.3

166 134.8 91.6 170.0





#50

Dibromochloromethane

Concen: 0.323 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW009446.D

Acq: 25 Mar 2019 23:57

Instrument :

MSVOA_W

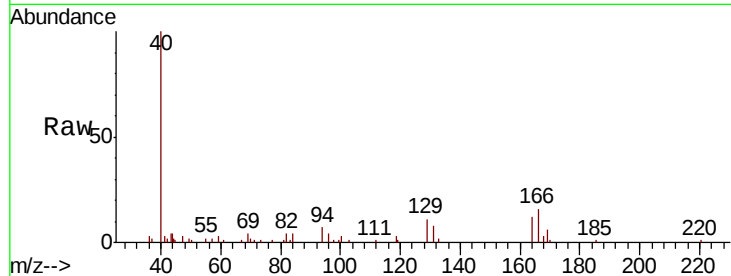
ClientSampleId :

Tot Ion:129 Resp: 1307

Ion Ratio Lower Upper

129 100

127 0.0 56.8 105.6#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

10.87

800

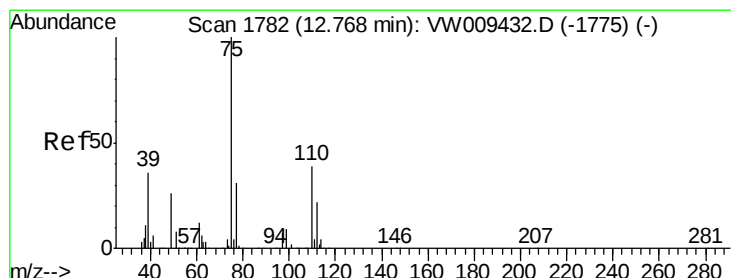
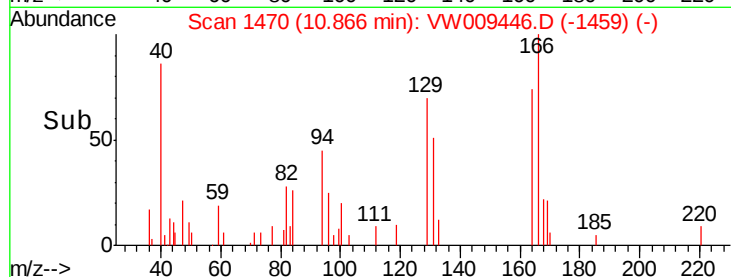
600

400

200

0

Time--> 10.80 10.85 10.90



#59

1,2,3-Trichloropropane

Concen: 3.254 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW009446.D

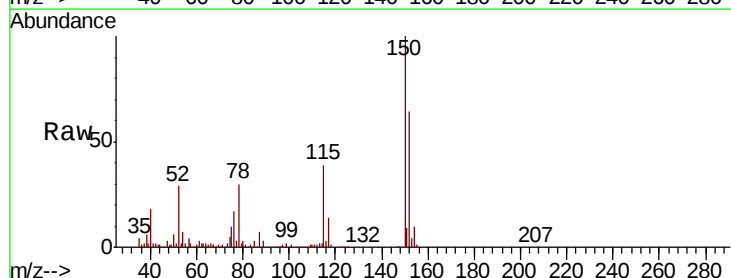
Acq: 25 Mar 2019 23:57

Tgt Ion: 75 Resp: 10685

Ion Ratio Lower Upper

75 100

77 37.8 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

13.55

6000

4000

2000

0

Time--> 13.50 13.55 13.60

