

Data File : VW014020.D
Acq On : 14 Nov 2019 15:00
Operator : SY/VA
Sample : K5798-15
Misc : 4.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFLX4

Quant Time: Nov 15 01:49:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 15 01:46:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	355133	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	339759	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	175273	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	130132	22.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.88%
7) Chloroethane-d5	2.88	69	112785	24.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.20%
10) 1,1-Dichloroethene-d2	4.01	63	208444	17.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.72%
20) 2-Butanone-d5	7.07	46	106709	64.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.66%
24) Chloroform-d	7.64	84	282209	25.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.36%
26) 1,2-Dichloroethane-d4	8.30	65	170310	31.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	124.08%
29) Benzene-d6	8.27	84	658283	27.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.24%
33) 1,2-Dichloropropane-d6	9.27	67	204384	28.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.76%
37) Toluene-d8	10.32	98	599667	26.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.92%
38) trans-1,3-Dichloropropene-	10.57	79	85559	28.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	113.16%
39) 2-Hexanone-d5	10.92	63	85962	64.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	141784	26.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	198747	28.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.88%

Target Compounds

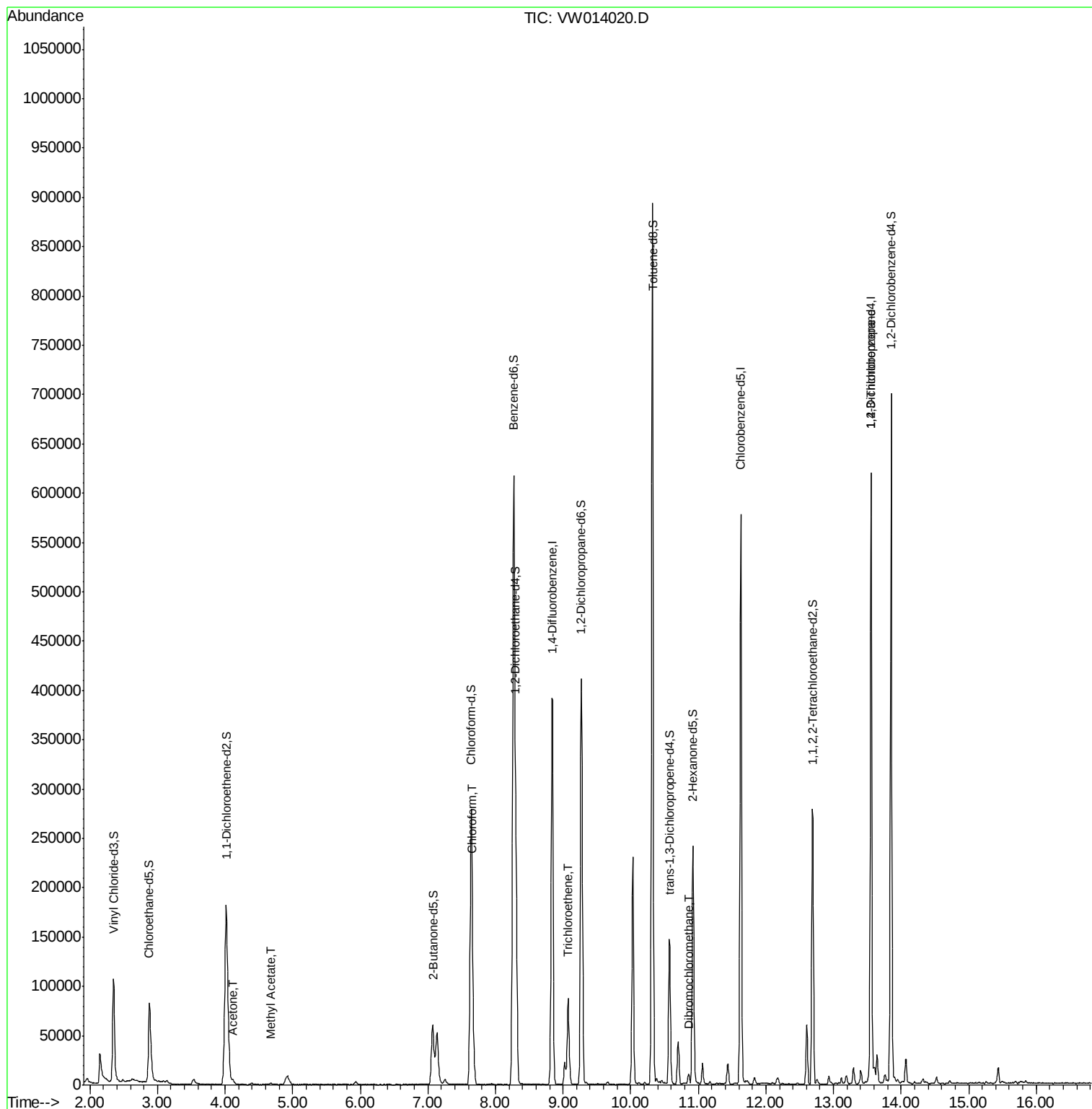
					Qvalue
13) Acetone	4.12	43	5514	3.292 ug/L	99
15) Methyl Acetate	4.68	43	2366	0.873 ug/L #	85
25) Chloroform	7.66	83	29180	2.822 ug/L	84
35) Trichloroethene	9.09	95	5632	0.847 ug/L	83
50) Dibromochloromethane	10.87	129	2233	0.431 ug/L #	10
59) 1,2,3-Trichloropropane	13.55	75	18148	4.689 ug/L	91

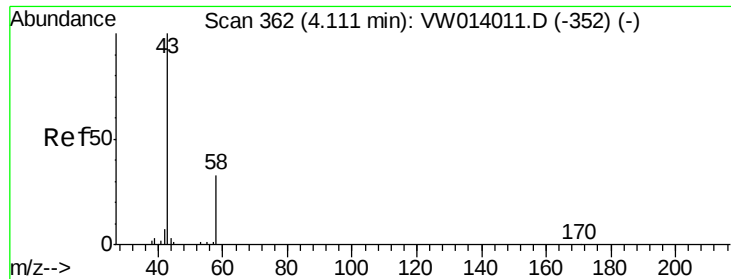
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW014020.D
Acq On : 14 Nov 2019 15:00
Operator : SY/VA
Sample : K5798-15
Misc : 4.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFLX4

Quant Time: Nov 15 01:49:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 15 01:46:12 2019
Response via : Initial Calibration





#13

Acetone

Concen: 3.292 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014020.D

Acq: 14 Nov 2019 15:00

Instrument :

MSVOA_W

ClientSampled :

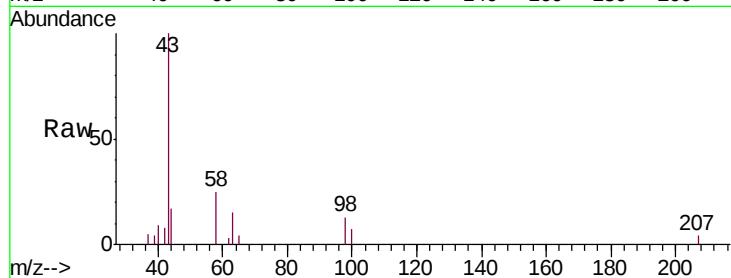
BFLX4

Tgt Ion: 43 Resp: 5514

Ion Ratio Lower Upper

43 100

58 33.0 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

2500

2000

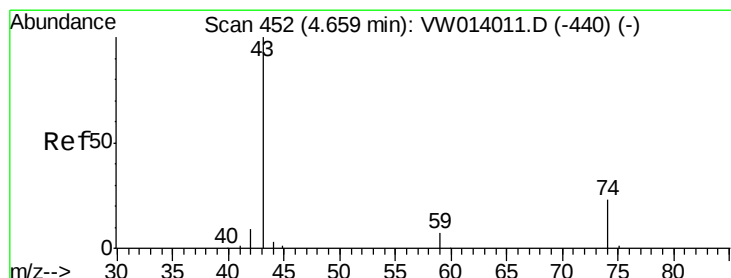
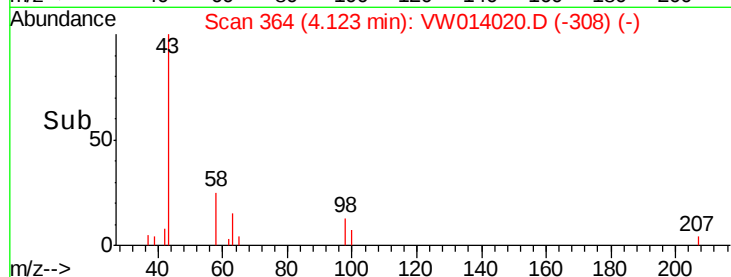
1500

1000

500

0

Time--> 4.05 4.10 4.15 4.20



#15

Methyl Acetate

Concen: 0.873 ug/L

RT: 4.68 min Scan# 456

Delta R.T. 0.02 min

Lab File: VW014020.D

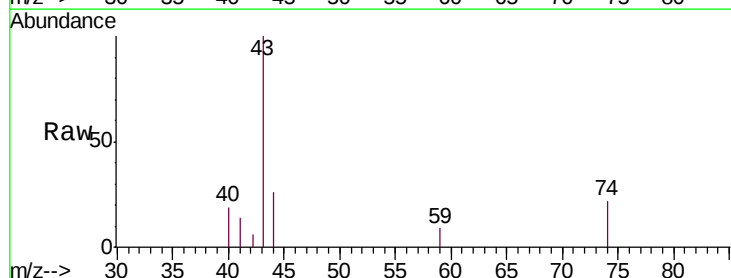
Acq: 14 Nov 2019 15:00

Tgt Ion: 43 Resp: 2366

Ion Ratio Lower Upper

43 100

74 16.5 19.3 28.9#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

800

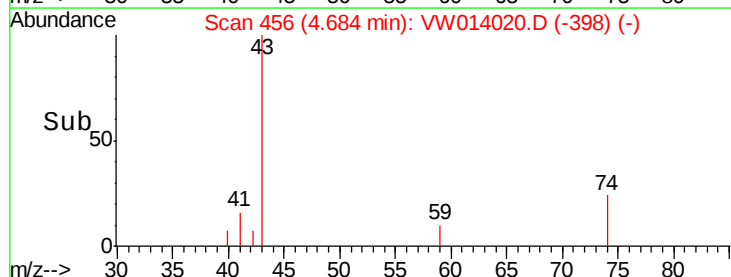
600

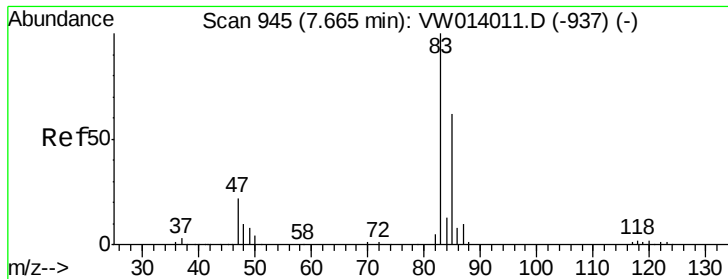
400

200

0

Time--> 4.60 4.65 4.70

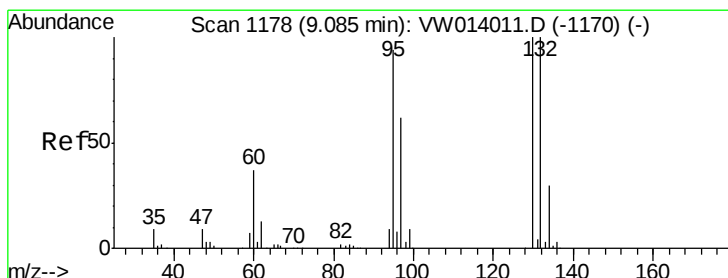
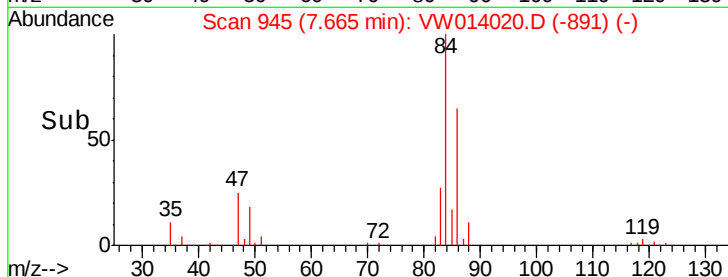
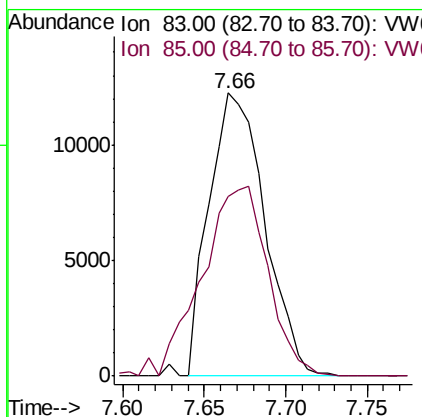
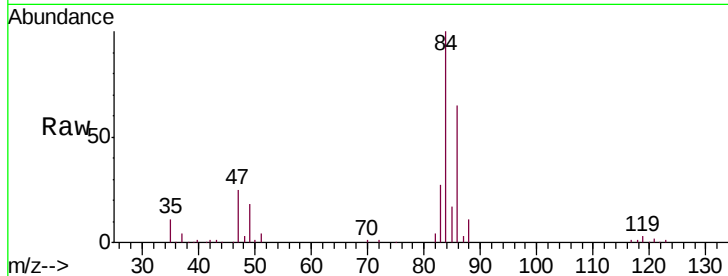




#25
Chloroform
Concen: 2.822 ug/L
RT: 7.66 min Scan# 945
Delta R.T. 0.00 min
Lab File: VW014020.D
Acq: 14 Nov 2019 15:00

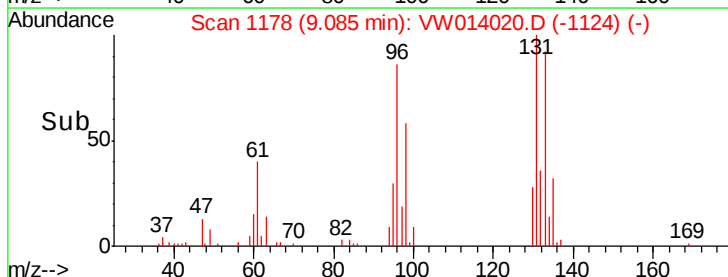
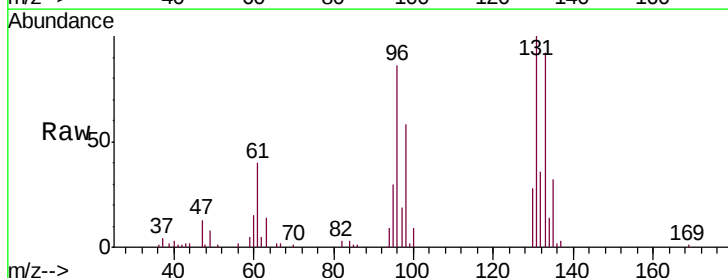
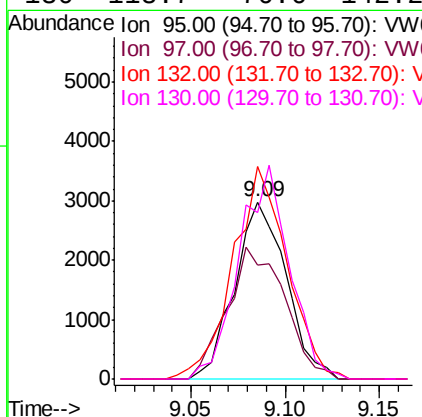
Instrument :
MSVOA_W
ClientSampled :
BFLX4

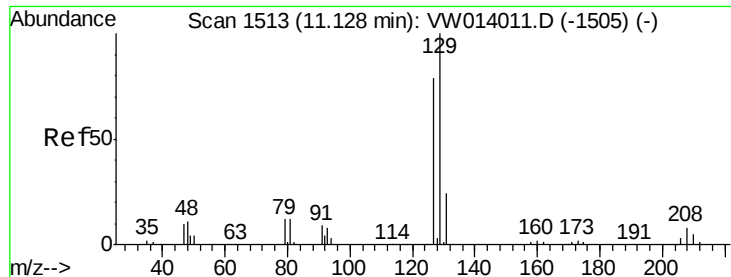
Tgt Ion: 83 Resp: 29180
Ion Ratio Lower Upper
83 100
85 78.5 46.1 85.7



#35
Trichloroethene
Concen: 0.847 ug/L
RT: 9.09 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VW014020.D
Acq: 14 Nov 2019 15:00

Tgt Ion: 95 Resp: 5632
Ion Ratio Lower Upper
95 100
97 83.3 45.1 83.9
132 126.2 73.7 136.9
130 118.7 76.6 142.2





#50

Dibromochloromethane

Concen: 0.431 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW014020.D

Acq: 14 Nov 2019 15:00

Instrument :

MSVOA_W

ClientSampled :

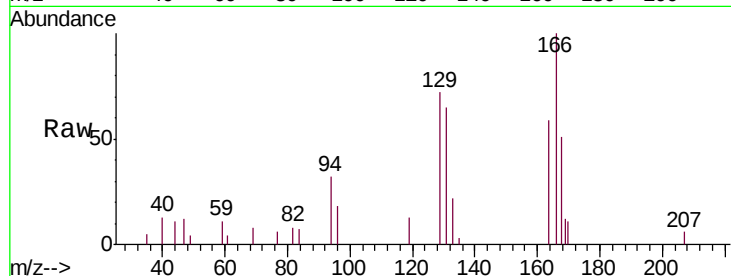
BFLX4

Tgt Ion: 129 Resp: 2233

Ion Ratio Lower Upper

129 100

127 0.0 54.9 102.1#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

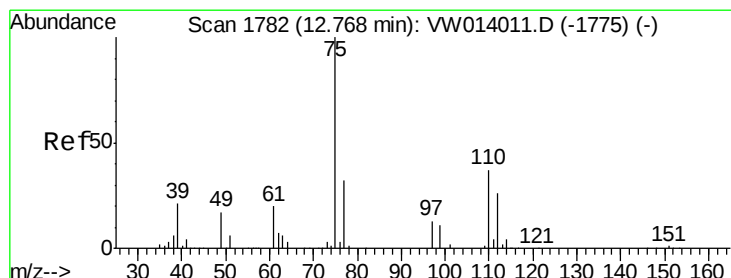
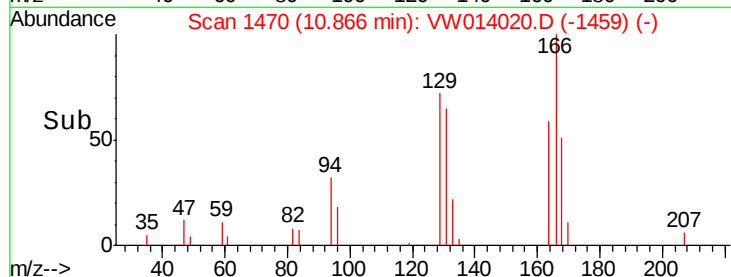
1500

1000

500

0

Time-->



#59

1,2,3-Trichloropropane

Concen: 4.689 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014020.D

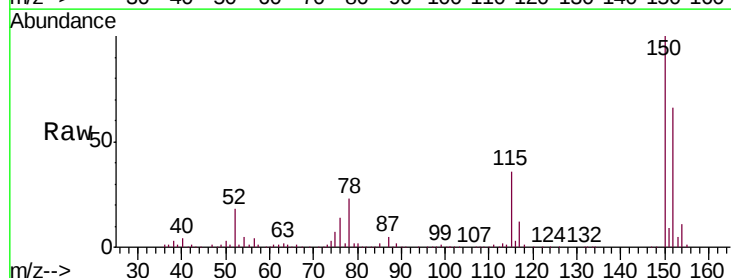
Acq: 14 Nov 2019 15:00

Tgt Ion: 75 Resp: 18148

Ion Ratio Lower Upper

75 100

77 37.3 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10000

5000

0

Time-->

