

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021020\
 Data File : VW014935.D
 Acq On : 10 Feb 2020 11:57
 Operator : SY/VA
 Sample : L1415-11
 Misc : 4.94G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 11 00:33:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 11 00:31:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	834229	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	750561	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	272390	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	250621	18.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.60%
7) Chloroethane-d5	2.89	69	250553	22.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.64%
10) 1,1-Dichloroethene-d2	4.01	63	421745	16.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.84%
20) 2-Butanone-d5	7.07	46	132186	34.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.20%
24) Chloroform-d	7.65	84	587172	24.79	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.16%
26) 1,2-Dichloroethane-d4	8.30	65	302436	23.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.28%
29) Benzene-d6	8.27	84	1149489	23.82	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.28%
33) 1,2-Dichloropropane-d6	9.27	67	392341	24.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.76%
37) Toluene-d8	10.32	98	967846	22.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.16%
38) trans-1,3-Dichloropropene-	10.58	79	116069	18.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.76%
39) 2-Hexanone-d5	10.92	63	81290	28.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.70%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	213677	18.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	252337	23.89	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.56%

Target Compounds

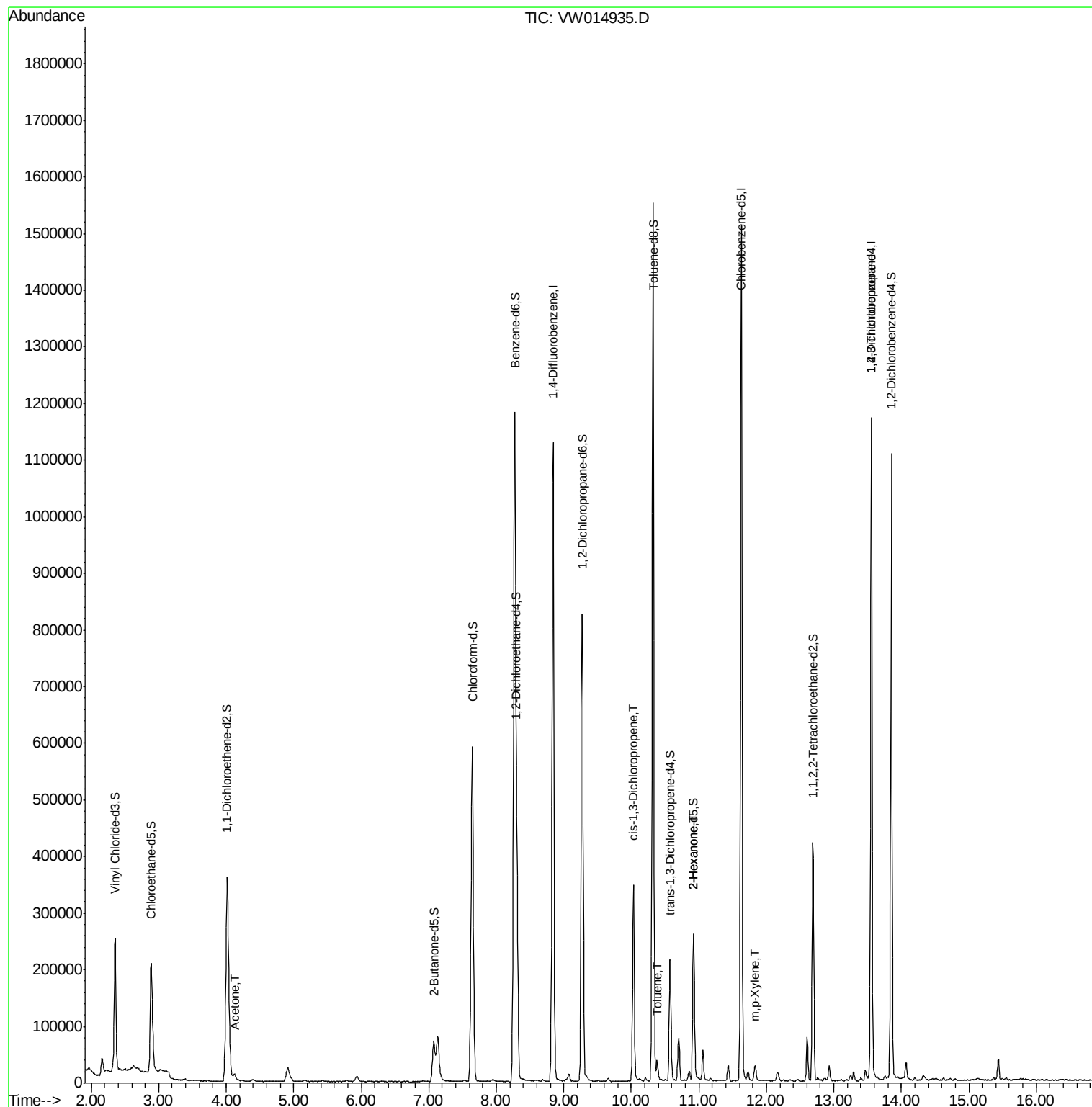
				Ovalue
13) Acetone	4.12	43	18989	4.746 ug/L 96
42) cis-1,3-Dichloropropene	10.03	75	8891	0.453 ug/L # 67
44) Toluene	10.39	91	23533	0.449 ug/L 93
49) 2-Hexanone	10.93	43	13868	2.180 ug/L # 68
54) m,p-Xylene	11.83	106	6649	0.318 ug/L 98
59) 1,2,3-Trichloropropane	13.55	75	43011	5.037 ug/L 93

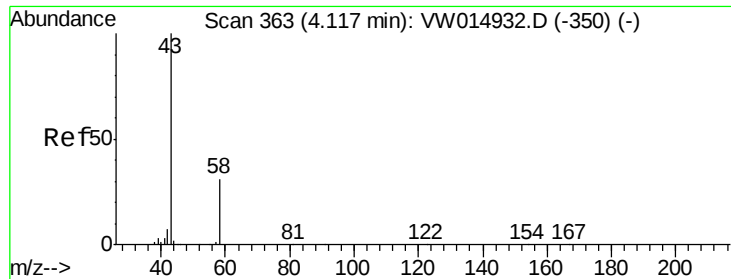
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Feb 11 00:31:29 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.746 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014935.D

Acq: 10 Feb 2020 11:57

Instrument :

MSVOA_W

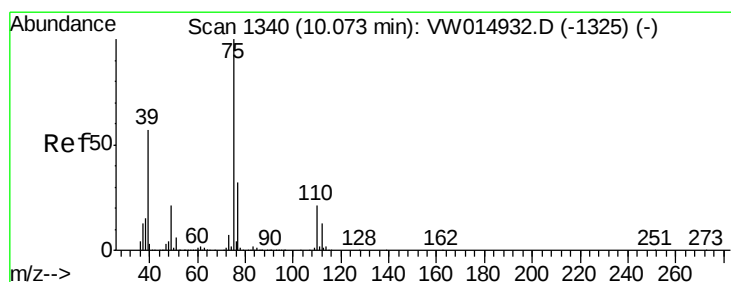
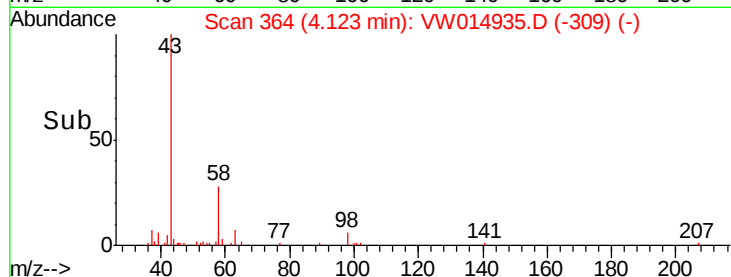
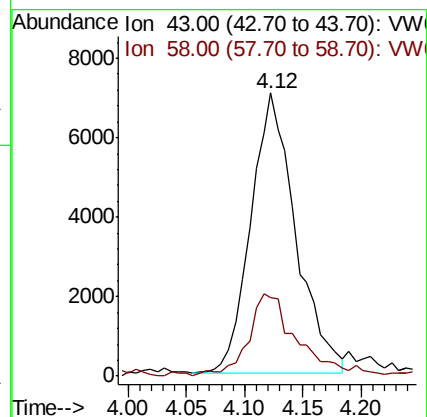
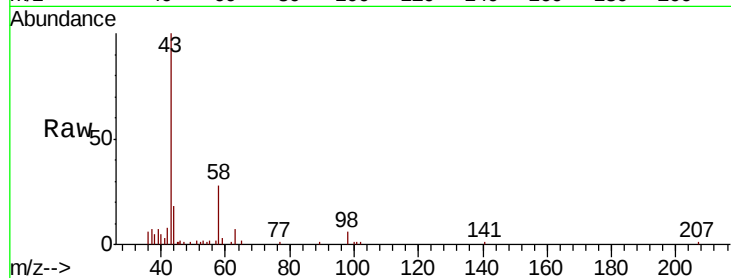
ClientSampled :

Tot Ion: 43 Resp: 18989

Ion Ratio Lower Upper

43 100

58 27.9 0.0 60.4



#42

cis-1,3-Dichloropropene

Concen: 0.453 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW014935.D

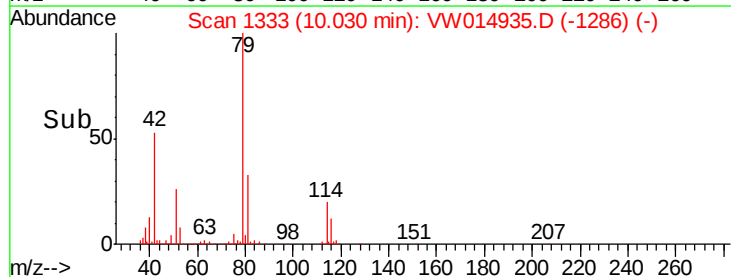
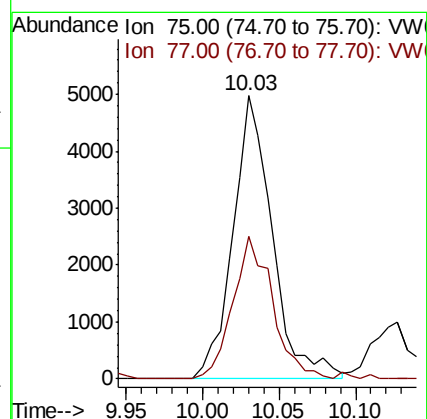
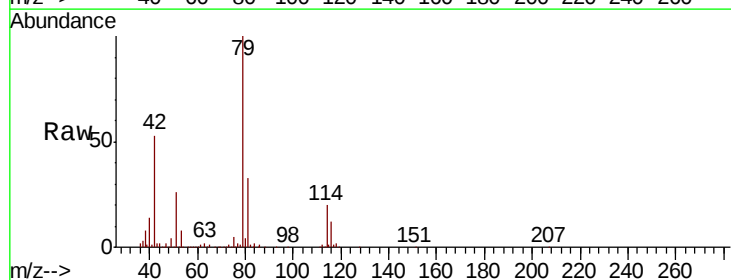
Acq: 10 Feb 2020 11:57

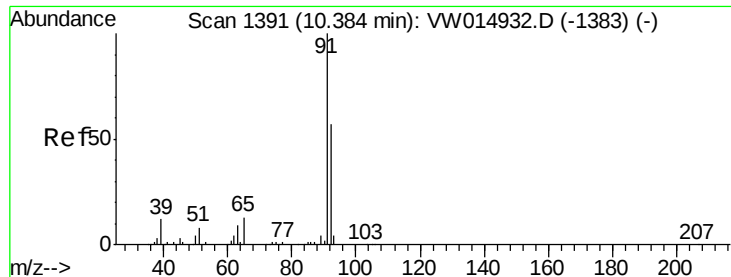
Tgt Ion: 75 Resp: 8891

Ion Ratio Lower Upper

75 100

77 50.5 22.5 41.9#





#44

Toluene

Concen: 0.449 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW014935.D

Acq: 10 Feb 2020 11:57

Instrument :

MSVOA_W

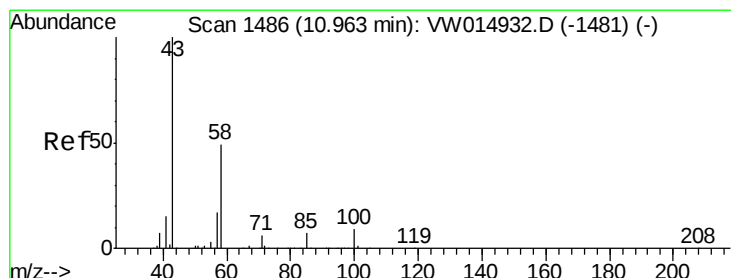
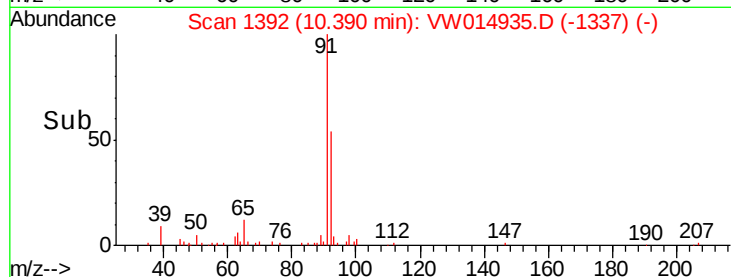
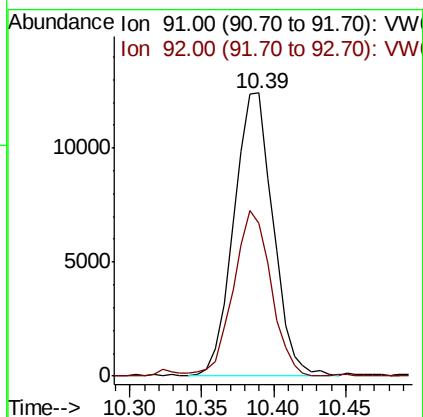
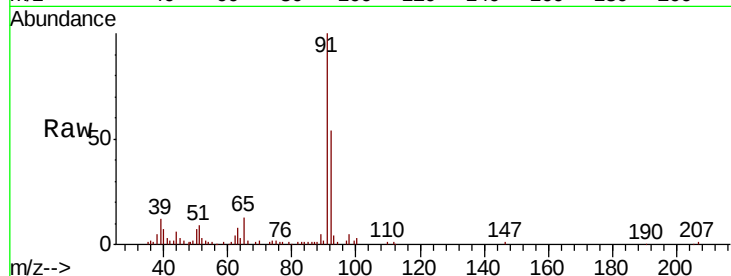
ClientSampled :

Tot Ion: 91 Resp: 23533

Ion Ratio Lower Upper

91 100

92 54.1 41.4 77.0



#49

2-Hexanone

Concen: 2.180 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW014935.D

Acq: 10 Feb 2020 11:57

Tgt Ion: 43 Resp: 13868

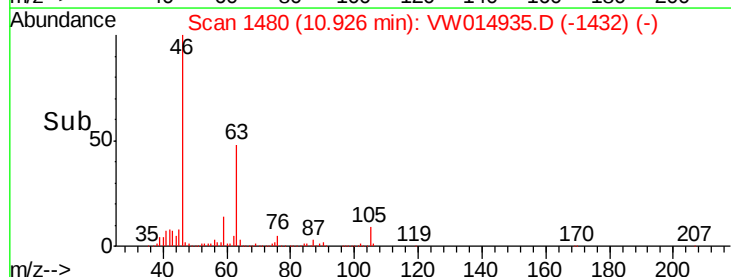
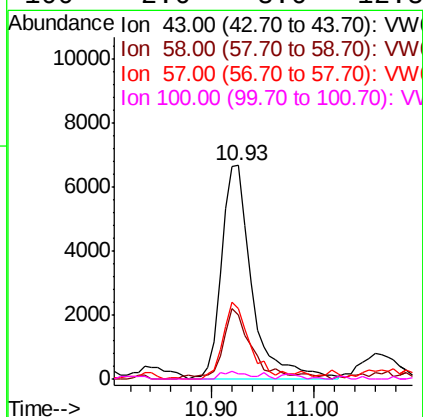
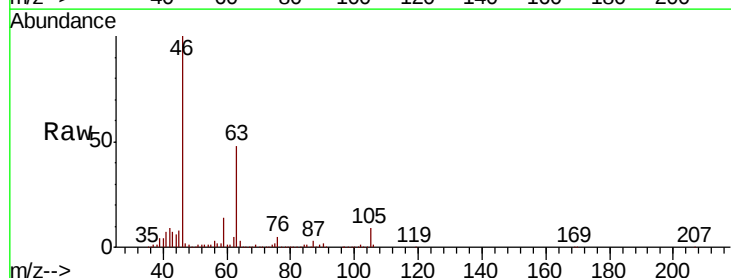
Ion Ratio Lower Upper

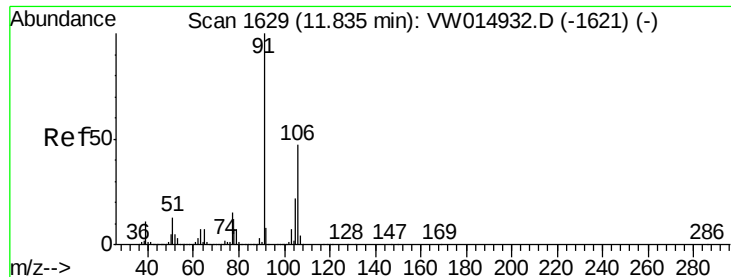
43 100

58 27.7 42.2 63.2#

57 30.5 14.5 21.7#

100 2.6 8.6 12.8#





#54

m,p-Xylene

Concen: 0.318 ug/L

RT: 11.83 min Scan# 1628

Delta R.T. -0.01 min

Lab File: VW014935.D

Acq: 10 Feb 2020 11:57

Instrument :

MSVOA_W

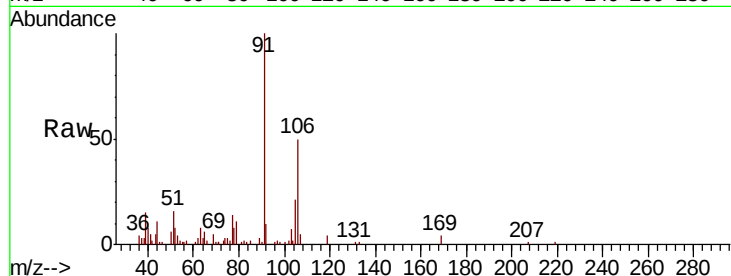
ClientSampleId :

Tot Ion:106 Resp: 6649

Ion Ratio Lower Upper

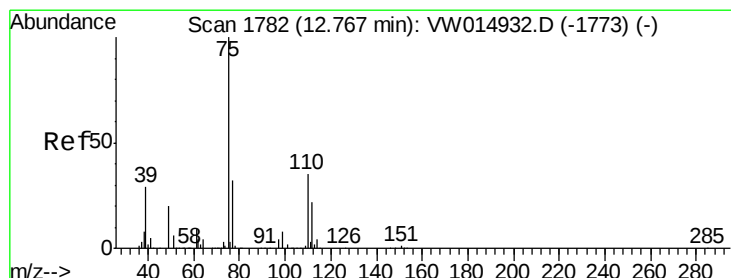
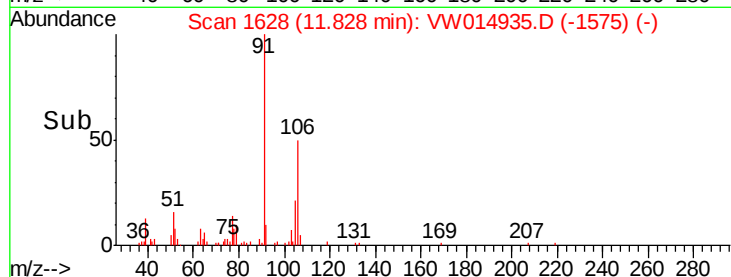
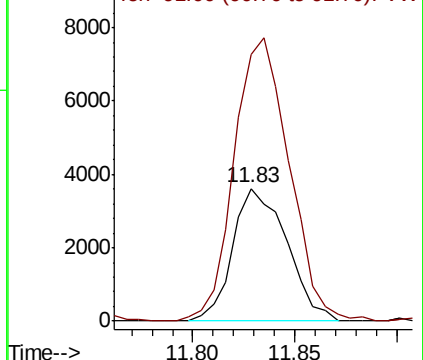
106 100

91 201.2 143.4 266.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#59

1,2,3-Trichloropropane

Concen: 5.037 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014935.D

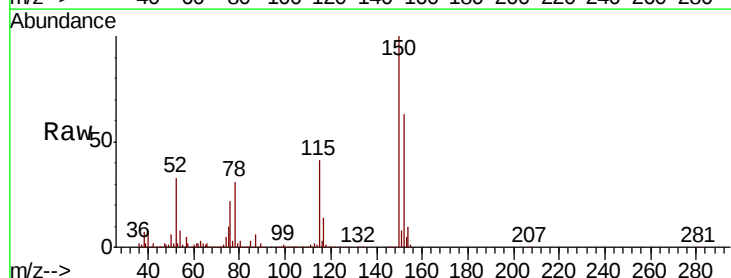
Acq: 10 Feb 2020 11:57

Tgt Ion: 75 Resp: 43011

Ion Ratio Lower Upper

75 100

77 36.4 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

