

Data File : VW014374.D
Acq On : 16 Dec 2019 17:34
Operator : SY/VA
Sample : K6277-08
Misc : 3.57G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0C68

Quant Time: Dec 17 07:31:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 17 07:27:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	820712	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	565371	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	124349	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	256104	20.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.44%
7) Chloroethane-d5	2.88	69	238103	25.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.08%
10) 1,1-Dichloroethene-d2	4.01	63	360496	16.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.68%
20) 2-Butanone-d5	7.07	46	195669	60.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.84%
24) Chloroform-d	7.64	84	605175	28.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	115.84%
26) 1,2-Dichloroethane-d4	8.43	65	199	0.02	ug/L	0.13
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	1199621	36.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	144.80%#
33) 1,2-Dichloropropane-d6	9.27	67	405135	39.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	158.96%#
37) Toluene-d8	10.32	98	917250	30.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	122.44%
38) trans-1,3-Dichloropropene-	10.58	79	95409	22.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.24%
39) 2-Hexanone-d5	10.92	63	134864	66.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	279905	33.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	134.76%#
61) 1,2-Dichlorobenzene-d4	13.85	152	172007	36.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	144.80%#

Target Compounds

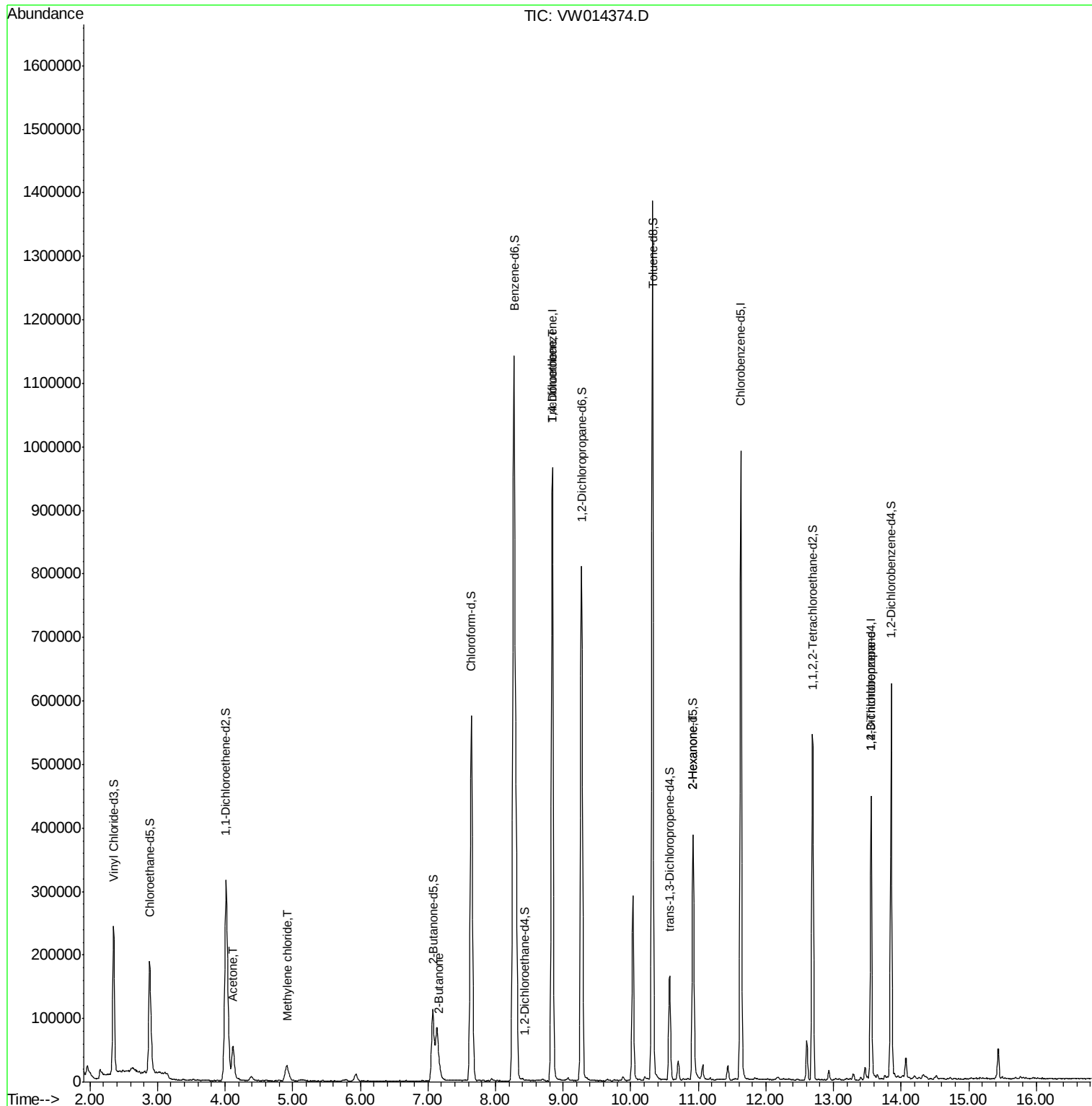
					Qvalue
13) Acetone	4.12	43	92228	29.537	ug/L 70
16) Methylene chloride	4.91	84	21163	1.682	ug/L 90
21) 2-Butanone	7.17	43	26882	6.413	ug/L 96
35) Trichloroethene	8.84	95	24433	2.668	ug/L # 2
49) 2-Hexanone	10.92	43	18192	4.214	ug/L # 67
59) 1,2,3-Trichloropropane	13.55	75	14573	2.293	ug/L 92

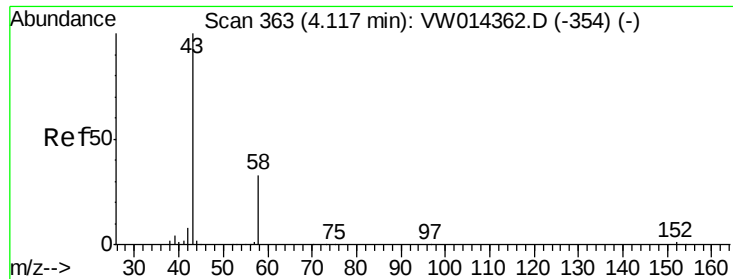
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 29.537 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

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Acq: 16 Dec 2019 17:34

Instrument :

MSVOA_W

ClientSampleId :

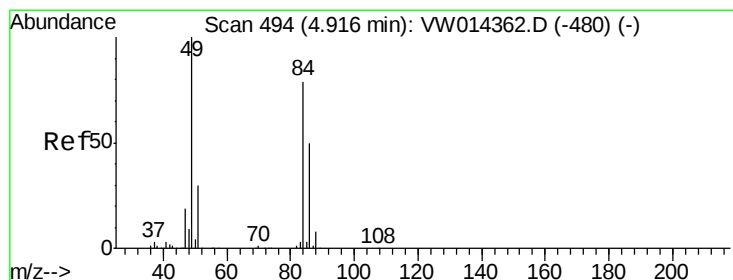
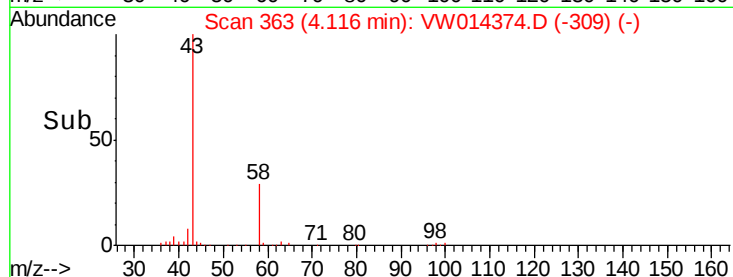
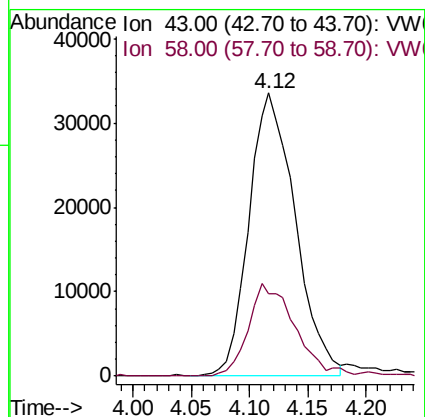
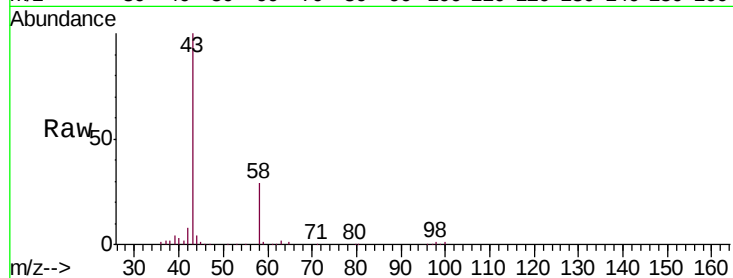
C0C68

Tgt Ion: 43 Resp: 92228

Ion Ratio Lower Upper

43 100

58 16.0 0.0 65.4



#16

Methylene chloride

Concen: 1.682 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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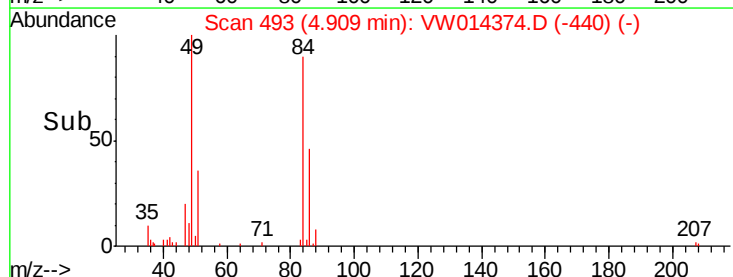
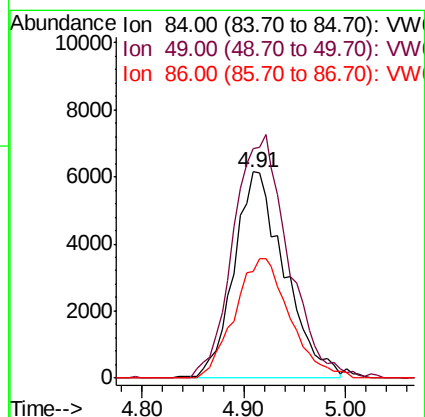
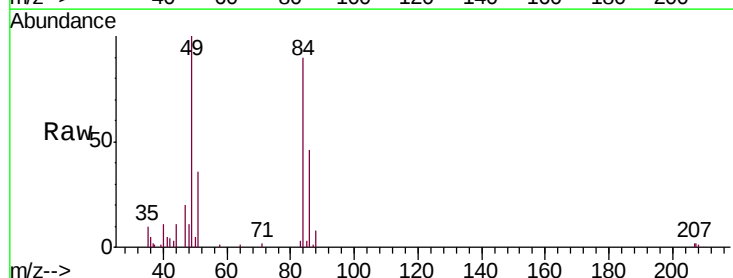
Tgt Ion: 84 Resp: 21163

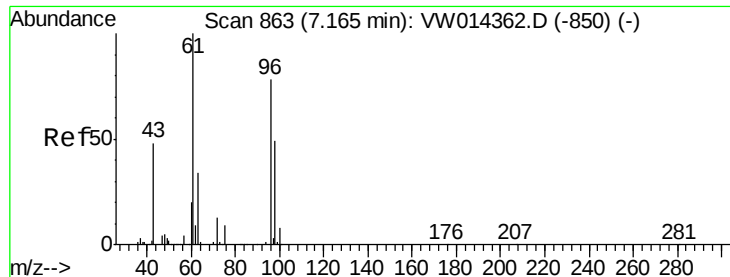
Ion Ratio Lower Upper

84 100

49 111.6 84.2 156.4

86 51.8 43.7 81.1





#21

2-Butanone

Concen: 6.413 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW014374.D

Acq: 16 Dec 2019 17:34

Instrument :

MSVOA_W

ClientSampled :

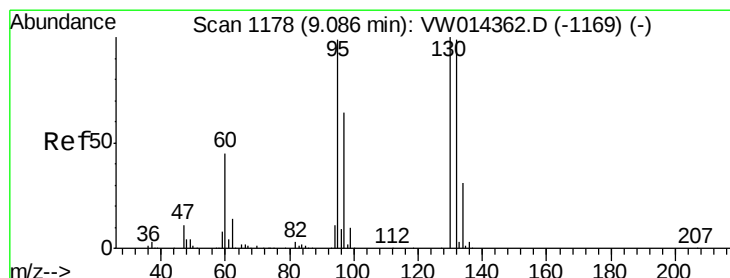
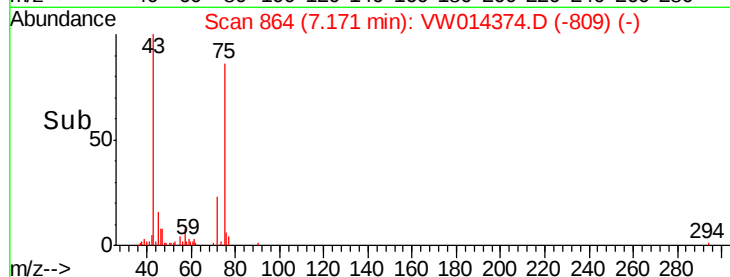
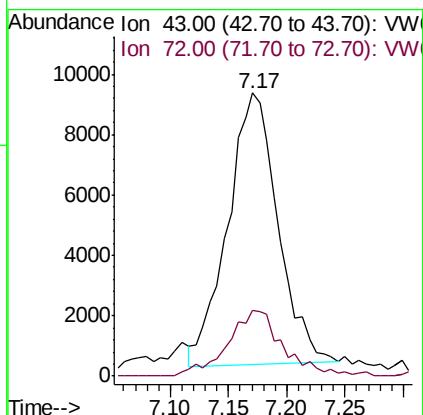
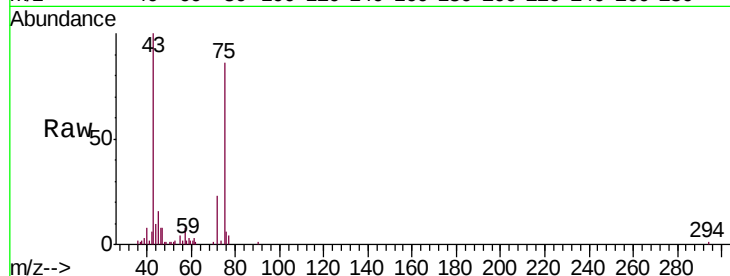
C0C68

Tgt Ion: 43 Resp: 26882

Ion Ratio Lower Upper

43 100

72 25.9 14.1 42.2



#35

Trichloroethene

Concen: 2.668 ug/L

RT: 8.84 min Scan# 1137

Delta R.T. -0.25 min

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Acq: 16 Dec 2019 17:34

Tgt Ion: 95 Resp: 24433

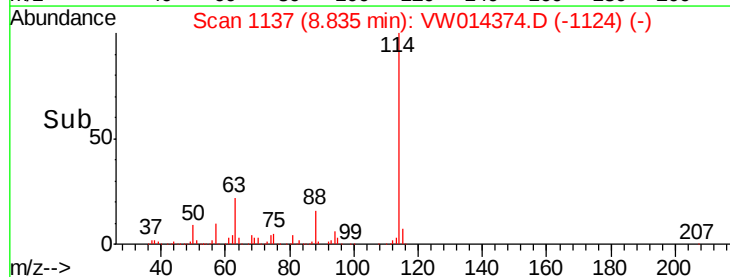
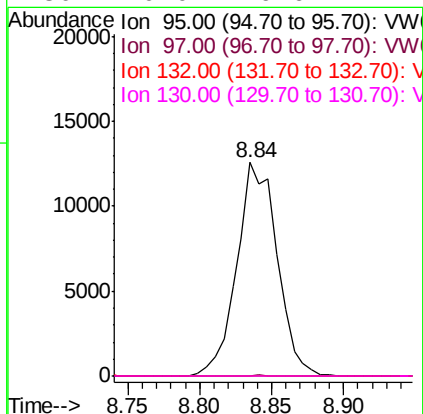
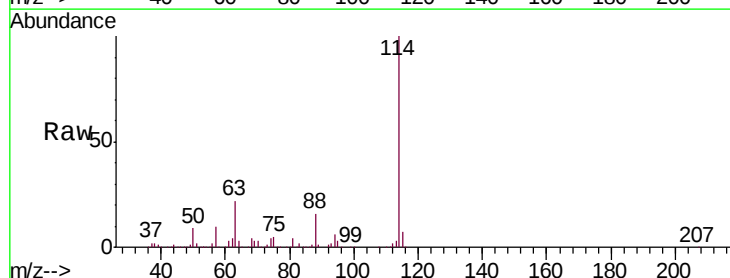
Ion Ratio Lower Upper

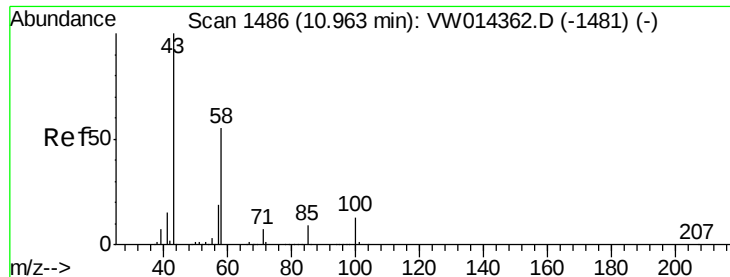
95 100

97 0.3 45.1 83.9#

132 0.0 73.7 136.9#

130 0.0 76.6 142.2#





#49

2-Hexanone

Concen: 4.214 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

Lab File: VW014374.D

Acq: 16 Dec 2019 17:34

Instrument :

MSVOA_W

ClientSampled :

C0C68

Tgt Ion: 43 Resp: 18192

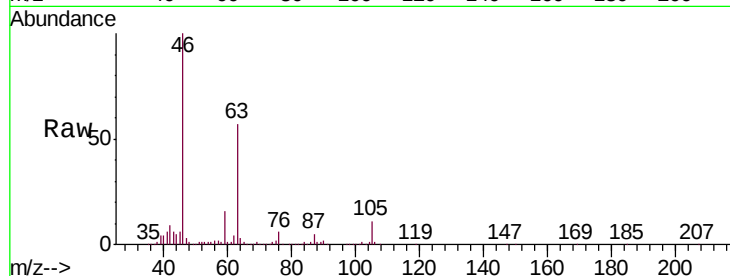
Ion Ratio Lower Upper

43 100

58 27.6 44.4 66.6#

57 30.4 16.5 24.7#

100 2.1 11.1 16.7#

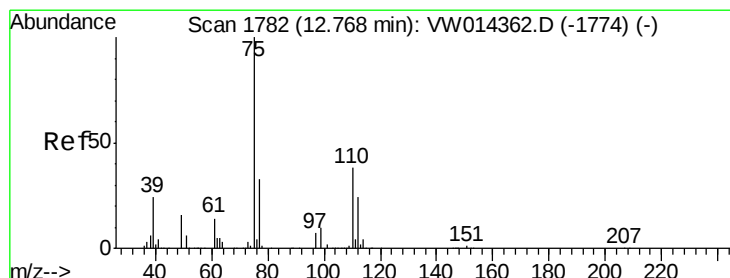
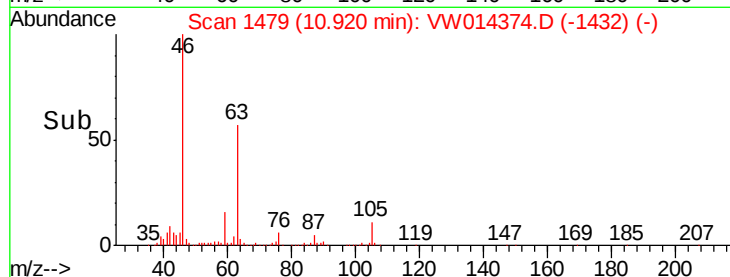
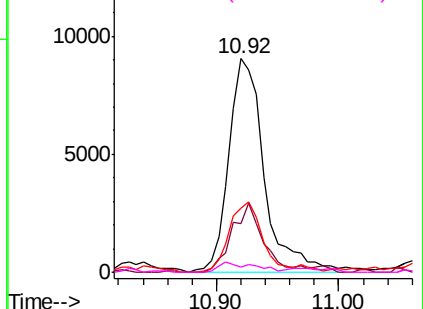


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW



#59

1,2,3-Trichloropropane

Concen: 2.293 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014374.D

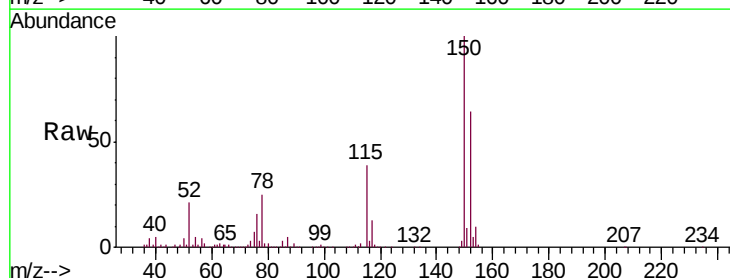
Acq: 16 Dec 2019 17:34

Tgt Ion: 75 Resp: 14573

Ion Ratio Lower Upper

75 100

77 36.8 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

