

Data File : VW014408.D
Acq On : 17 Dec 2019 22:42
Operator : SY/VA
Sample : K6278-22
Misc : 3.75G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0C92

Quant Time: Dec 18 03:34:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 18 03:31:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	515890	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	230597	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	20033	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	176752	22.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.52%
7) Chloroethane-d5	2.89	69	175672	30.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.96%
10) 1,1-Dichloroethene-d2	4.02	63	226639	16.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.72%
20) 2-Butanone-d5	7.07	46	120943	59.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.82%
24) Chloroform-d	7.65	84	440632	33.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	134.20%
26) 1,2-Dichloroethane-d4	8.30	65	206479	29.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.92%
29) Benzene-d6	8.27	84	793387	58.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	234.84%#
33) 1,2-Dichloropropane-d6	9.27	67	290742	69.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	279.68%#
37) Toluene-d8	10.32	98	408561	33.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	133.72%#
38) trans-1,3-Dichloropropene-	10.58	79	36875	21.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.56%
39) 2-Hexanone-d5	10.93	63	63305	76.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	153.14%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	186798	55.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	220.52%#
61) 1,2-Dichlorobenzene-d4	13.85	152	36119	47.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	188.72%#

Target Compounds

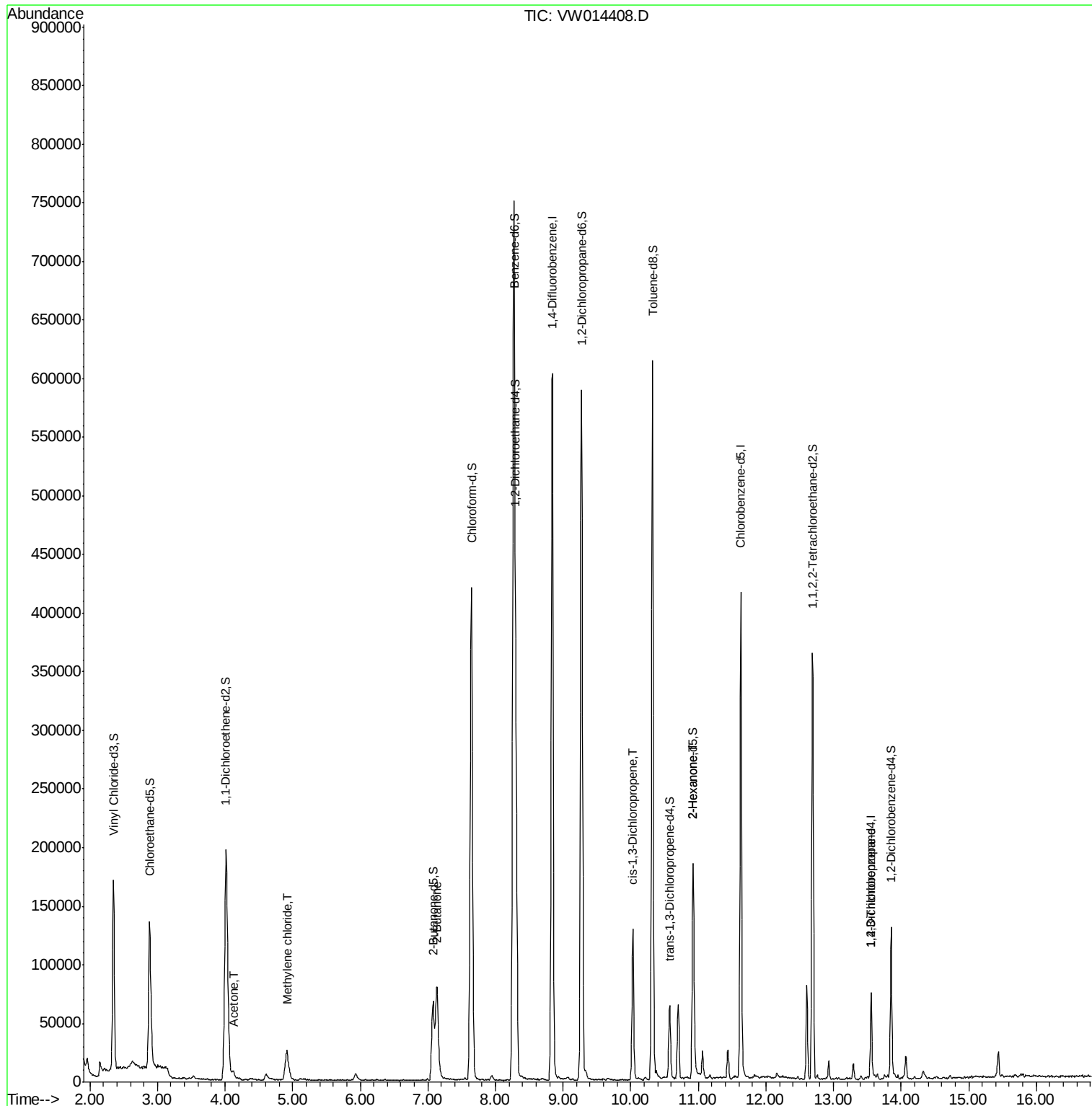
					Qvalue
13) Acetone	4.12	43	11277	5.746 ug/L	97
16) Methylene chloride	4.92	84	20849	2.636 ug/L	90
21) 2-Butanone	7.13	43	14043	5.329 ug/L #	51
42) cis-1,3-Dichloropropene	10.03	75	3204	0.570 ug/L #	54
49) 2-Hexanone	10.93	43	11721	6.656 ug/L #	65
59) 1,2,3-Trichloropropane	13.55	75	2691	1.038 ug/L	99

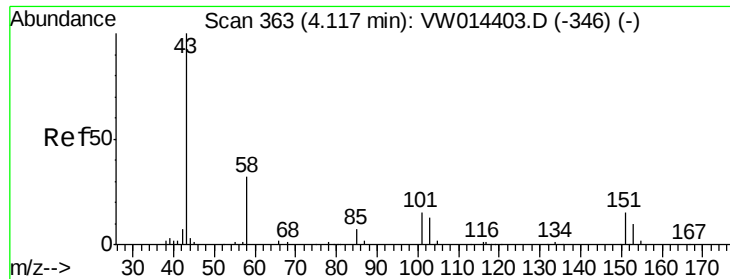
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.746 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Acq: 17 Dec 2019 22:42

Instrument :

MSVOA_W

ClientSampled :

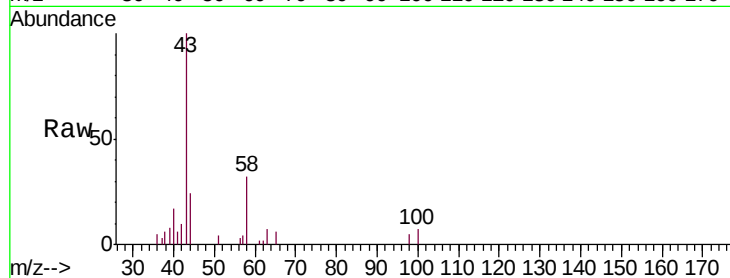
C0C92

Tgt Ion: 43 Resp: 11277

Ion Ratio Lower Upper

43 100

58 30.8 0.0 65.4



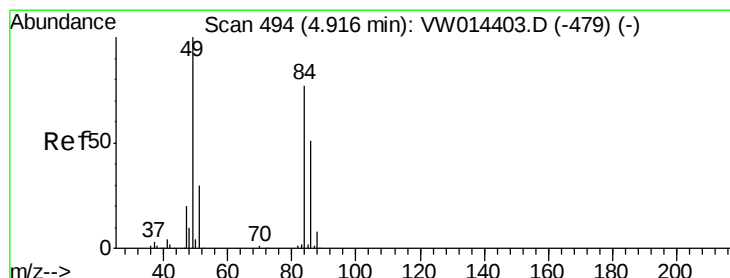
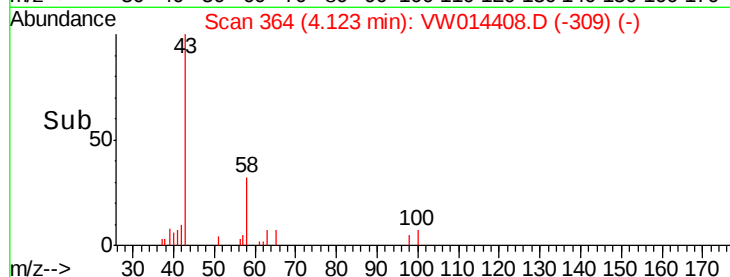
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

4.05 4.10 4.15 4.20

Time-->



#16

Methylene chloride

Concen: 2.636 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

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Acq: 17 Dec 2019 22:42

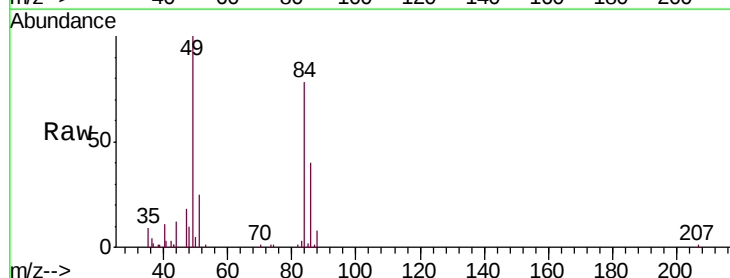
Tgt Ion: 84 Resp: 20849

Ion Ratio Lower Upper

84 100

49 129.0 84.2 156.4

86 51.1 43.7 81.1



Abundance Ion 84.00 (83.70 to 84.70): VW

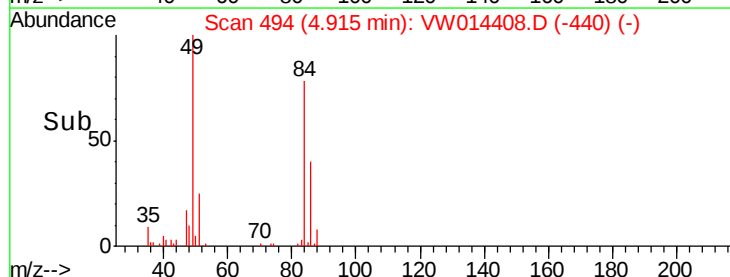
Ion 49.00 (48.70 to 49.70): VW

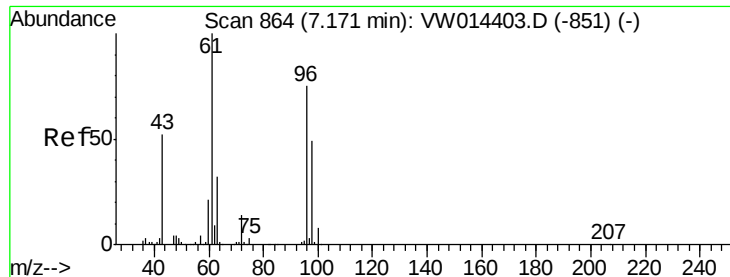
Ion 86.00 (85.70 to 86.70): VW

4.92

4.80 4.90 5.00

Time-->





#21

2-Butanone

Concen: 5.329 ug/L

RT: 7.13 min Scan# 858

Delta R.T. -0.04 min

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Acq: 17 Dec 2019 22:42

Instrument :

MSVOA_W

ClientSampleId :

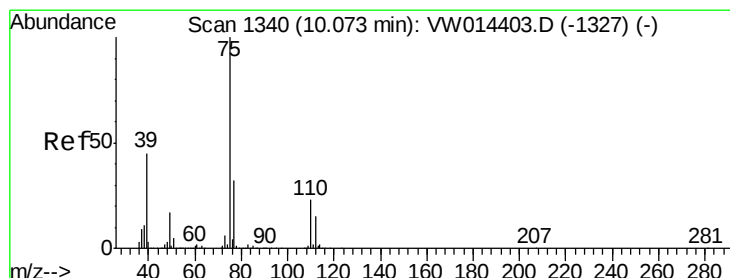
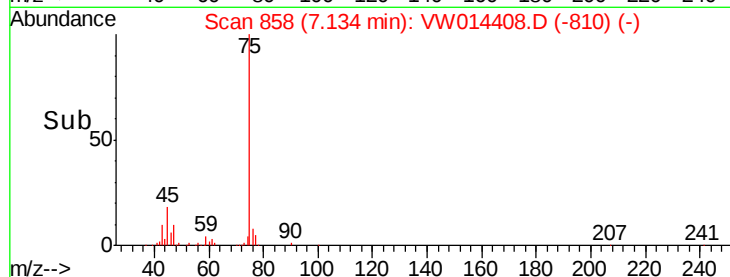
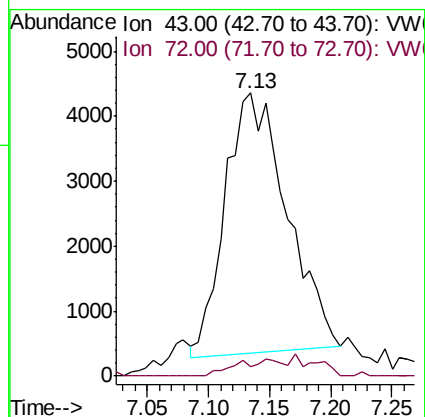
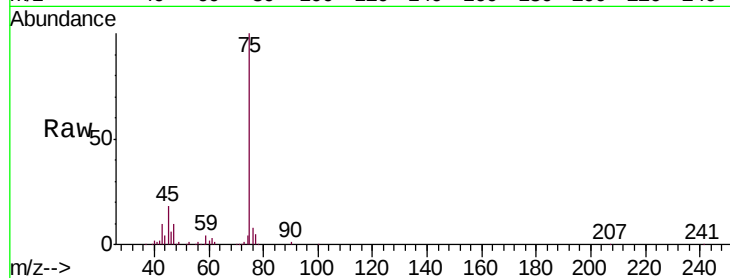
C0C92

Tgt Ion: 43 Resp: 14043

Ion Ratio Lower Upper

43 100

72 2.2 14.1 42.2#



#42

cis-1,3-Dichloropropene

Concen: 0.570 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW014408.D

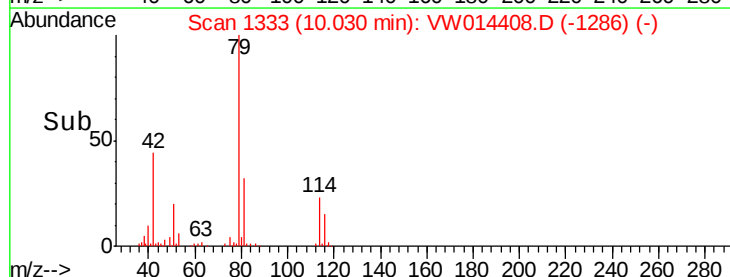
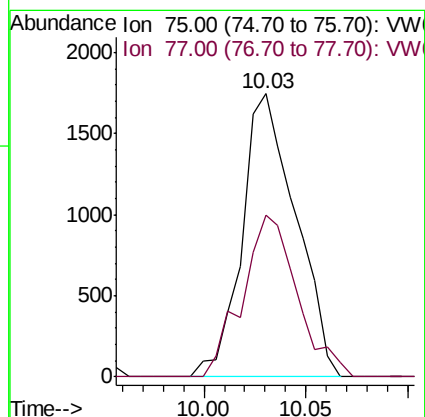
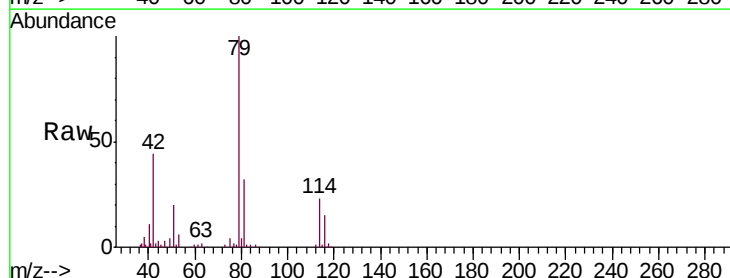
Acq: 17 Dec 2019 22:42

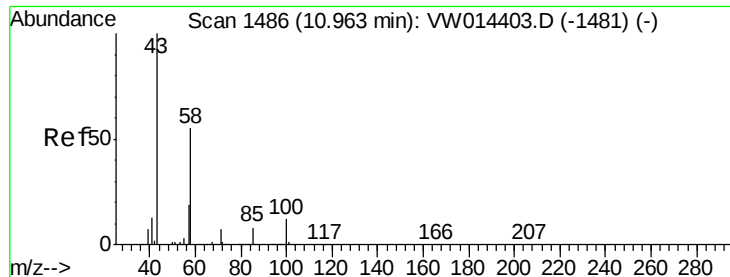
Tgt Ion: 75 Resp: 3204

Ion Ratio Lower Upper

75 100

77 57.3 22.1 41.1#





#49

2-Hexanone

Concen: 6.656 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW014408.D

Acq: 17 Dec 2019 22:42

Instrument :

MSVOA_W

ClientSampleId :

C0C92

Tgt Ion: 43 Resp: 11721

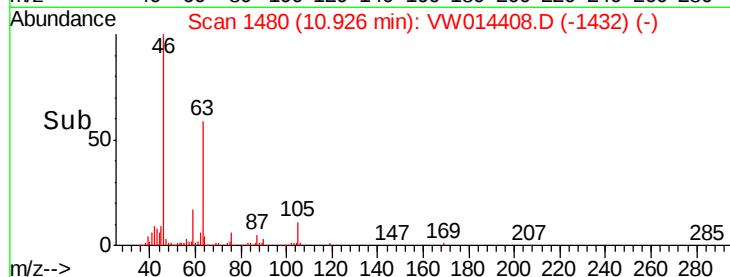
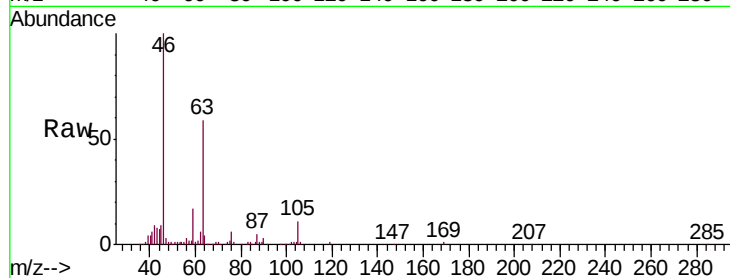
Ion Ratio Lower Upper

43 100

58 21.1 44.4 66.6#

57 24.4 16.5 24.7

100 3.8 11.1 16.7#

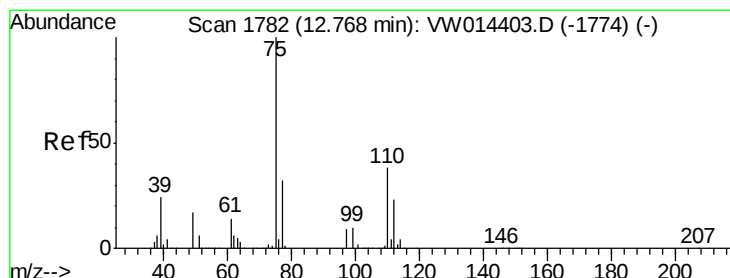
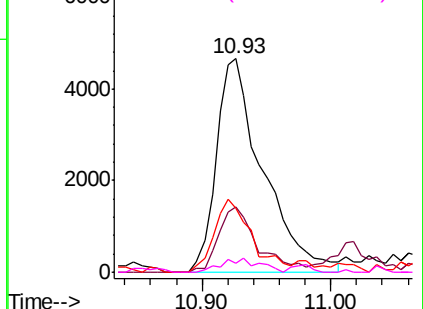


Abundance Ion 43.00 (42.70 to 43.70): VW

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: 1.038 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014408.D

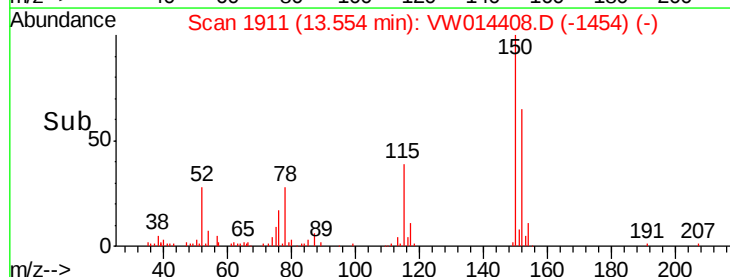
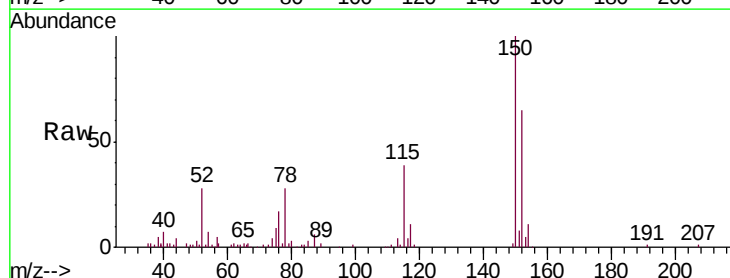
Acq: 17 Dec 2019 22:42

Tgt Ion: 75 Resp: 2691

Ion Ratio Lower Upper

75 100

77 32.8 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

