

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121019\
 Data File : VW014291.D
 Acq On : 10 Dec 2019 19:21
 Operator : SY/VA
 Sample : K6172-16
 Misc : 5.11G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 11 04:12:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 11 04:05:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1068009	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	823280	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	224566	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	406890	25.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.64%
7) Chloroethane-d5	2.89	69	320049	26.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.48%
10) 1,1-Dichloroethene-d2	4.02	63	522465	18.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.16%
20) 2-Butanone-d5	7.07	46	187610	44.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.04%
24) Chloroform-d	7.65	84	723693	26.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.44%
26) 1,2-Dichloroethane-d4	8.31	65	363552	25.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.00%
29) Benzene-d6	8.27	84	1493133	30.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	123.80%
33) 1,2-Dichloropropane-d6	9.27	67	475231	32.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	128.04%#
37) Toluene-d8	10.32	98	1226715	28.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.48%
38) trans-1,3-Dichloropropene-	10.58	79	134940	21.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.68%
39) 2-Hexanone-d5	10.92	63	139378	47.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	322584	26.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	289226	33.70	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	134.80%#

Target Compounds

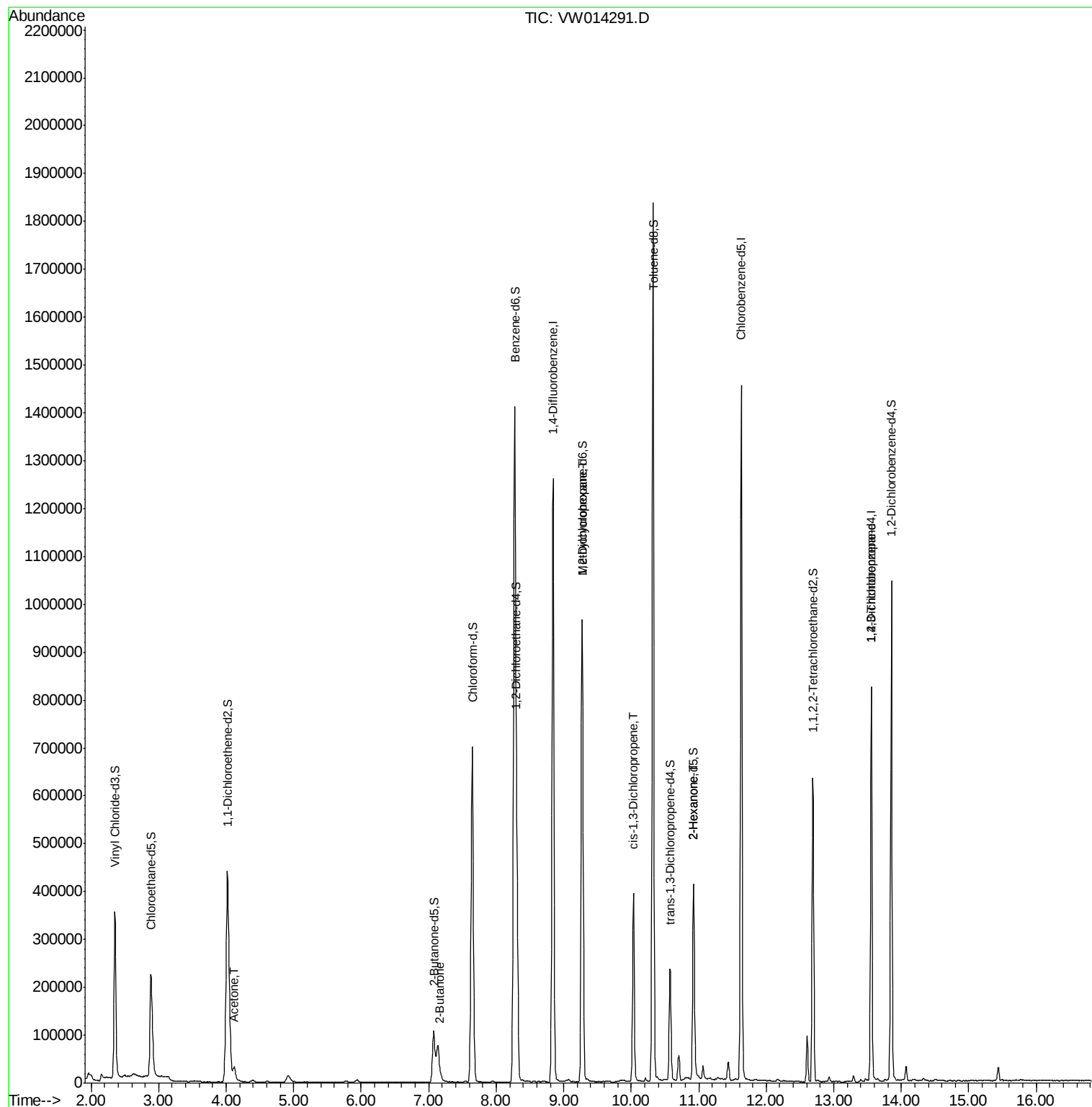
					Ovalue
13) Acetone	4.12	43	50015	12.309	ug/L 100
21) 2-Butanone	7.17	43	20269	3.715	ug/L 85
36) Methylcyclohexane	9.27	83	111637	4.981	ug/L # 20
42) cis-1,3-Dichloropropene	10.03	75	9497	0.474	ug/L # 66
49) 2-Hexanone	10.92	43	18884	3.004	ug/L # 64
59) 1,2,3-Trichloropropane	13.55	75	25655	2.772	ug/L 89

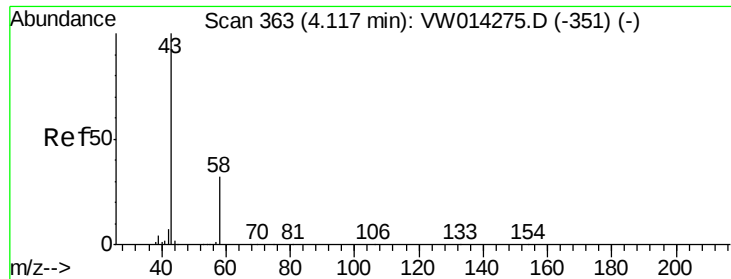
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 11 04:05:19 2019
Response via : Initial Calibration

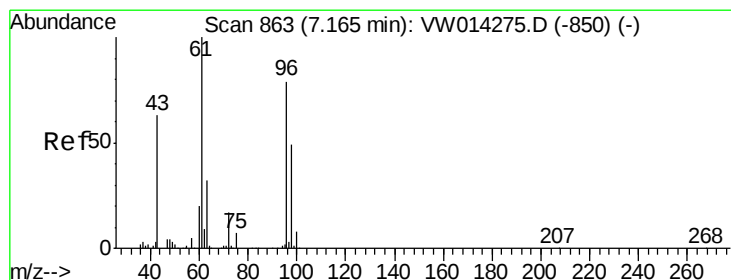
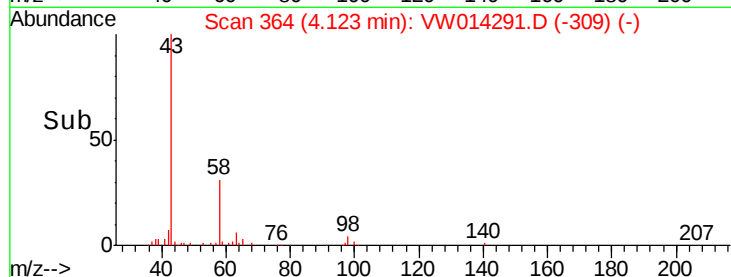
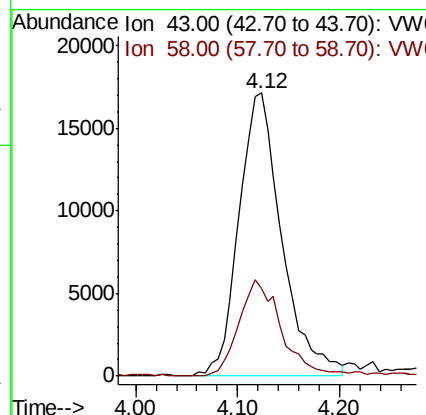
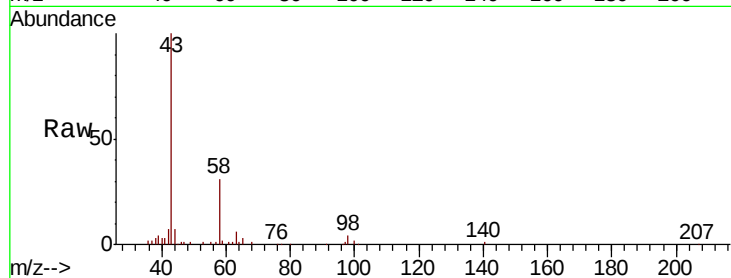




#13
Acetone
Concen: 12.309 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW014291.D
Acq: 10 Dec 2019 19:21

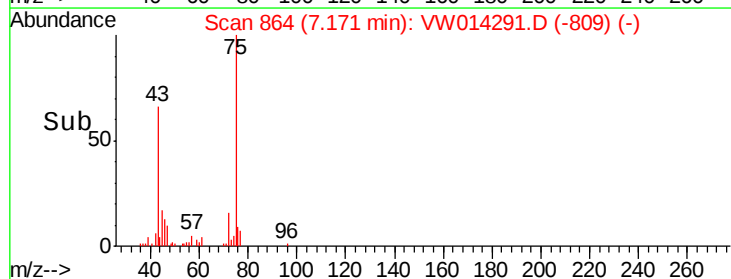
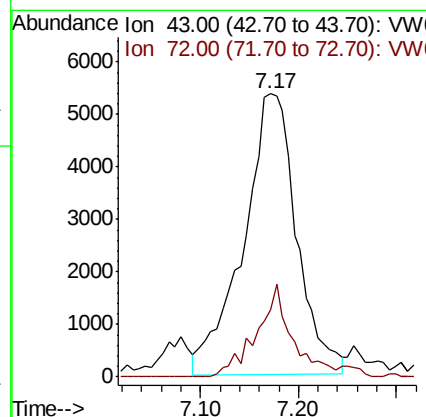
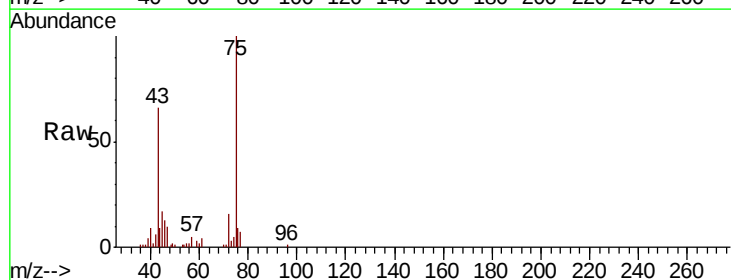
Instrument :
MSVOA_W
ClientSampleId :

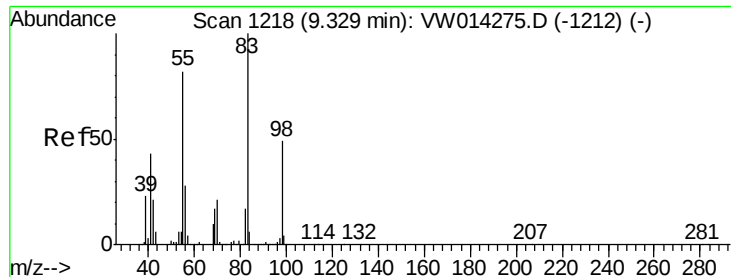
Tot Ion: 43 Resp: 50015
Ion Ratio Lower Upper
43 100
58 33.0 0.0 65.4



#21
2-Butanone
Concen: 3.715 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW014291.D
Acq: 10 Dec 2019 19:21

Tgt Ion: 43 Resp: 20269
Ion Ratio Lower Upper
43 100
72 20.0 14.1 42.2

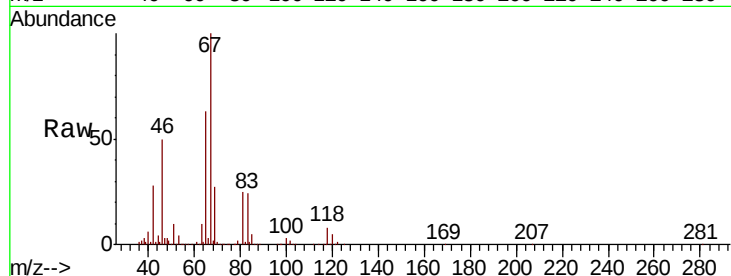




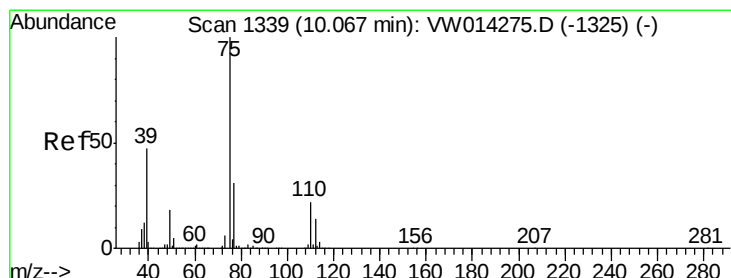
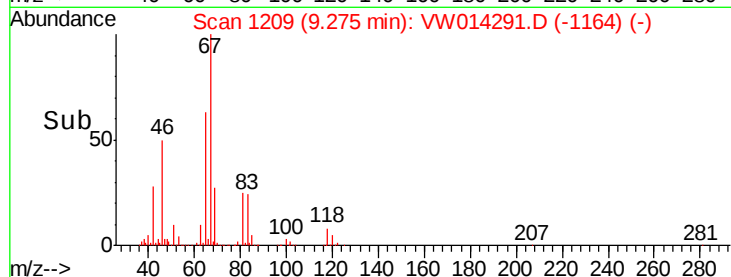
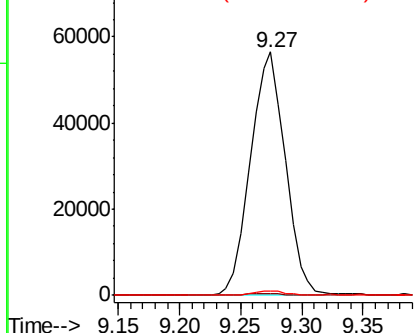
#36
Methvlcvclohexane
Concen: 4.981 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.05 min
Lab File: VW014291.D
Acq: 10 Dec 2019 19:21

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 83 Resp: 111637
Ion Ratio Lower Upper
83 100
55 0.9 59.8 89.8#
98 1.7 39.5 59.3#

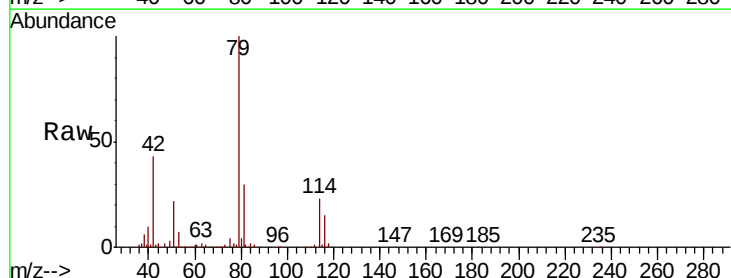


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

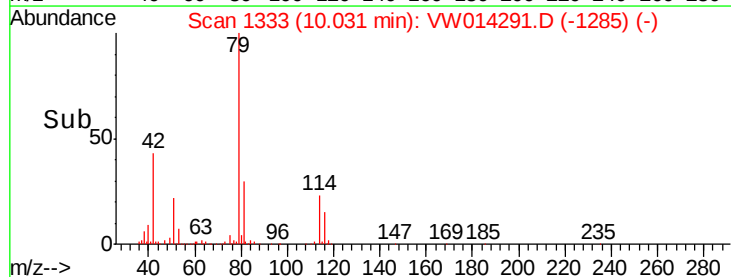
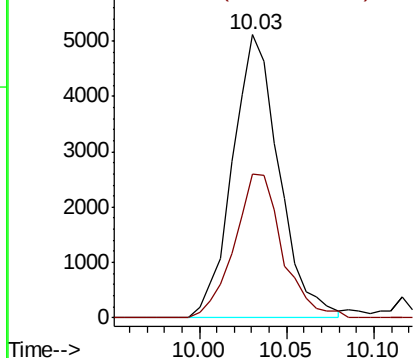


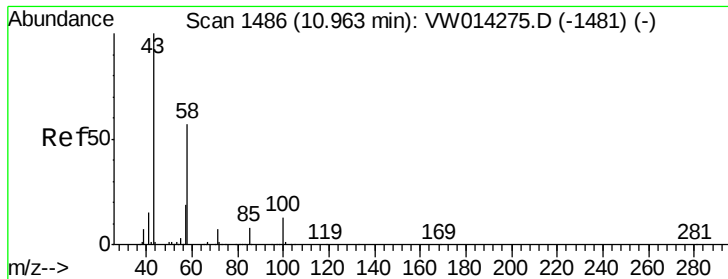
#42
cis-1,3-Dichloropropene
Concen: 0.474 ug/L
RT: 10.03 min Scan# 1333
Delta R.T. -0.04 min
Lab File: VW014291.D
Acq: 10 Dec 2019 19:21

Tgt Ion: 75 Resp: 9497
Ion Ratio Lower Upper
75 100
77 50.6 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VW
Ion 77.00 (76.70 to 77.70): VW





#49

2-Hexanone

Concen: 3.004 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

Lab File: VW014291.D

Acq: 10 Dec 2019 19:21

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 18884

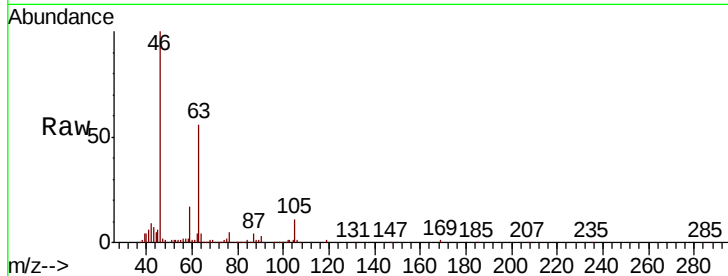
Ion Ratio Lower Upper

43 100

58 23.8 44.4 66.6#

57 32.1 16.5 24.7#

100 4.8 11.1 16.7#



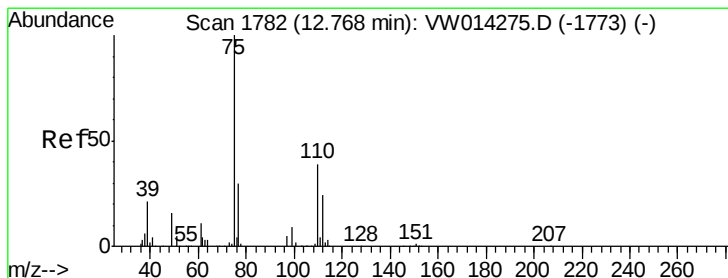
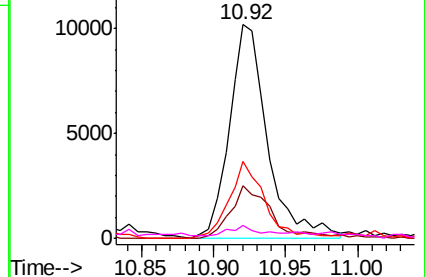
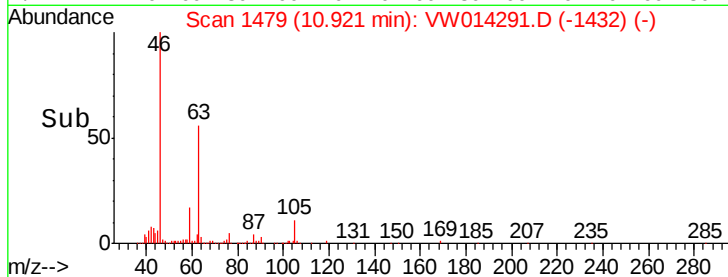
Abundance Ion 43.00 (42.70 to 43.70): VW

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

Time-->



#59

1,2,3-Trichloropropane

Concen: 2.772 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014291.D

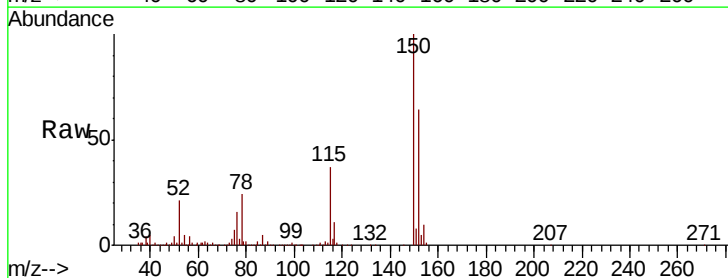
Acq: 10 Dec 2019 19:21

Tgt Ion: 75 Resp: 25655

Ion Ratio Lower Upper

75 100

77 38.6 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

Time-->

