

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121019\
 Data File : VW014279.D
 Acq On : 10 Dec 2019 14:04
 Operator : SY/VA
 Sample : K6171-14
 Misc : 5.05G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 11 04:11:01 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	1176177	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	965049	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	364889	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	416112	23.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.44%
7) Chloroethane-d5	2.89	69	330843	24.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.92%
10) 1,1-Dichloroethene-d2	4.02	63	562615	17.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.52%
20) 2-Butanone-d5	7.07	46	203884	43.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.86%
24) Chloroform-d	7.65	84	746331	24.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.68%
26) 1,2-Dichloroethane-d4	8.30	65	393761	25.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.32%
29) Benzene-d6	8.27	84	1581278	27.96	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.84%
33) 1,2-Dichloropropane-d6	9.27	67	489874	28.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.60%
37) Toluene-d8	10.32	98	1354232	26.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.92%
38) trans-1,3-Dichloropropene-	10.57	79	176418	24.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.68%
39) 2-Hexanone-d5	10.92	63	155392	44.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	334925	23.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	368827	26.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.80%

Target Compounds

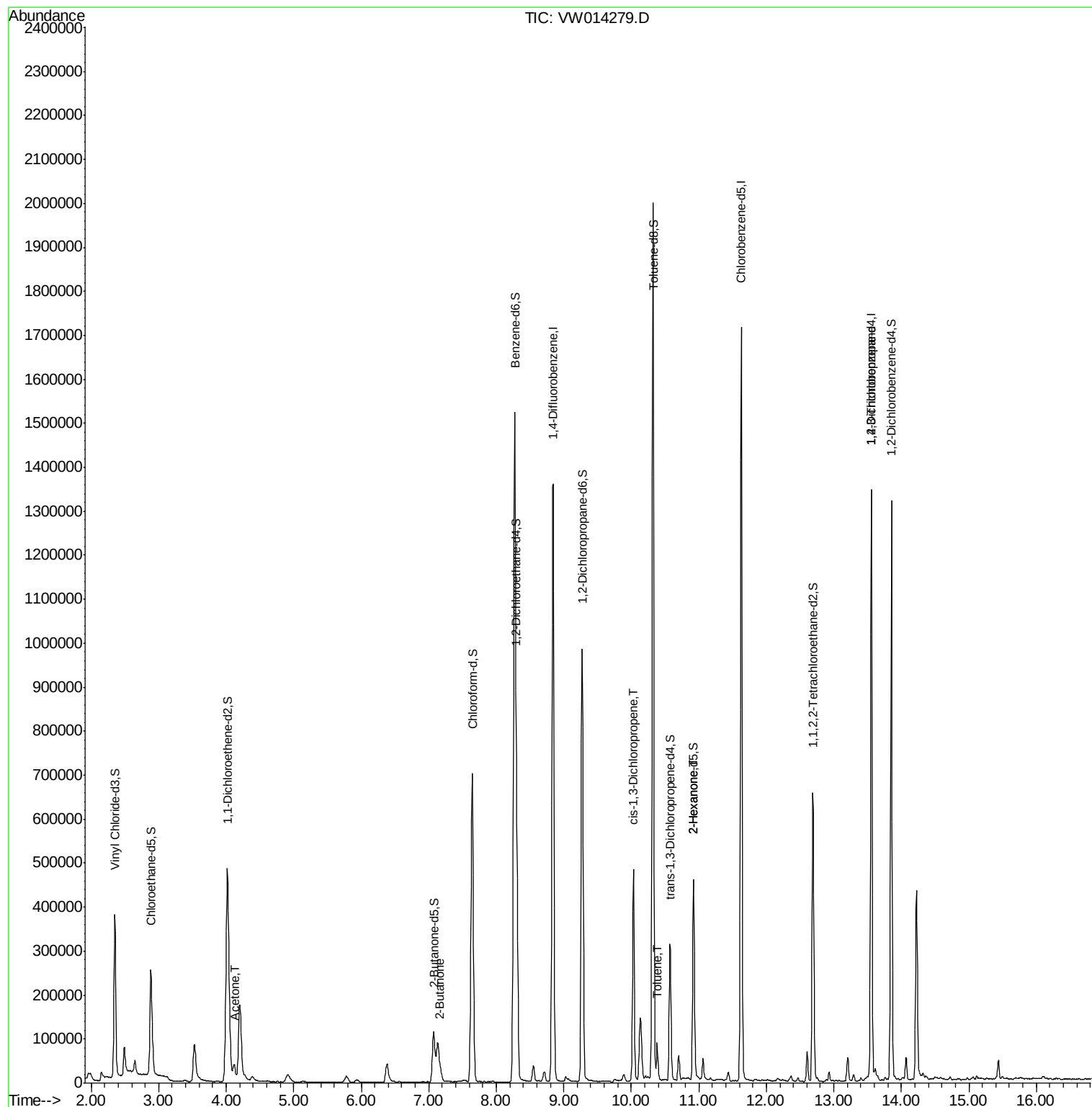
					Ovalue
13) Acetone	4.12	43	65614	14.663 ug/L	97
21) 2-Butanone	7.17	43	38321	6.379 ug/L	97
42) cis-1,3-Dichloropropene	10.03	75	10743	0.457 ug/L #	83
44) Toluene	10.38	91	61030	0.953 ug/L	96
49) 2-Hexanone	10.93	43	19296	2.618 ug/L #	68
59) 1,2,3-Trichloropropane	13.55	75	42028	3.874 ug/L	91

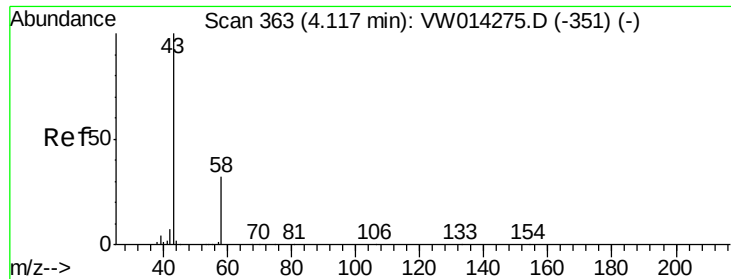
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 11 04:05:19 2019
Response via : Initial Calibration





#13

Acetone

Concen: 14.663 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014279.D

Acq: 10 Dec 2019 14:04

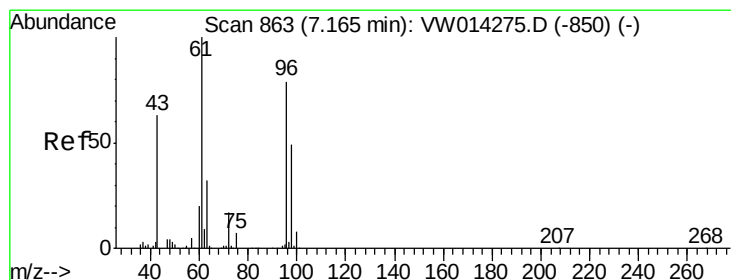
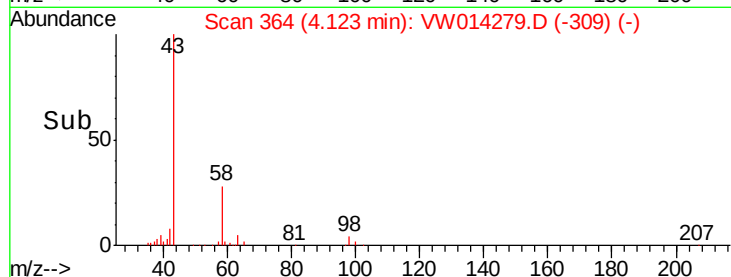
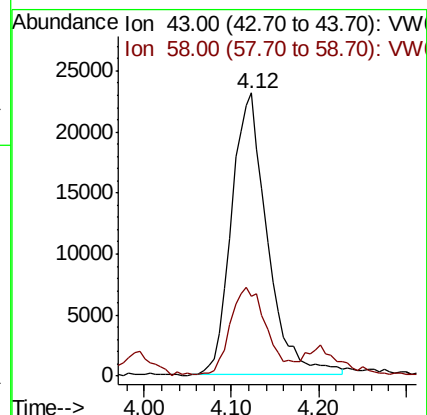
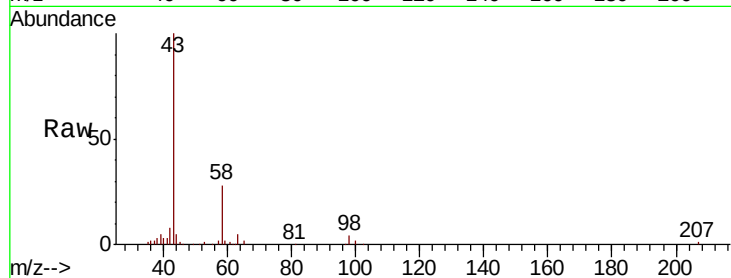
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 65614

Ion Ratio Lower Upper

43 100

58 31.2 0.0 65.4



#21

2-Butanone

Concen: 6.379 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW014279.D

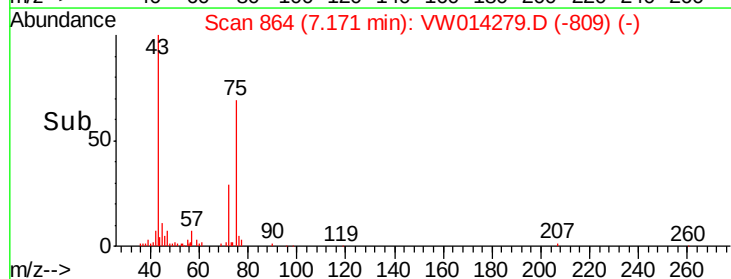
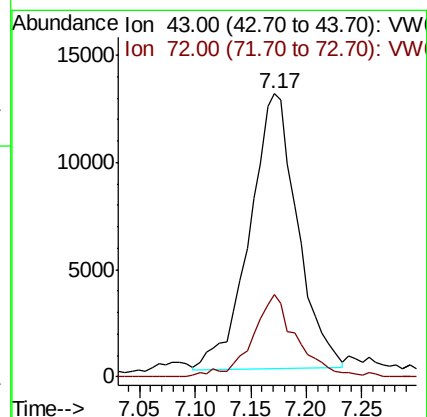
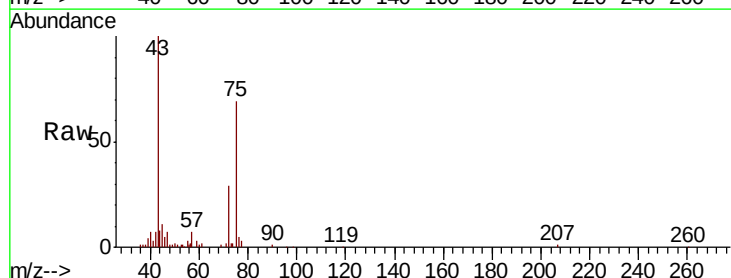
Acq: 10 Dec 2019 14:04

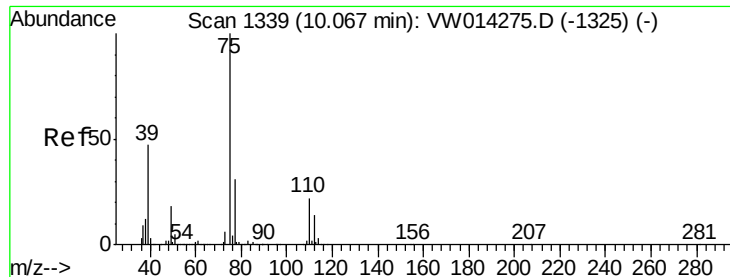
Tgt Ion: 43 Resp: 38321

Ion Ratio Lower Upper

43 100

72 26.6 14.1 42.2





#42

cis-1,3-Dichloropropene

Concen: 0.457 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW014279.D

Acq: 10 Dec 2019 14:04

Instrument :

MSVOA_W

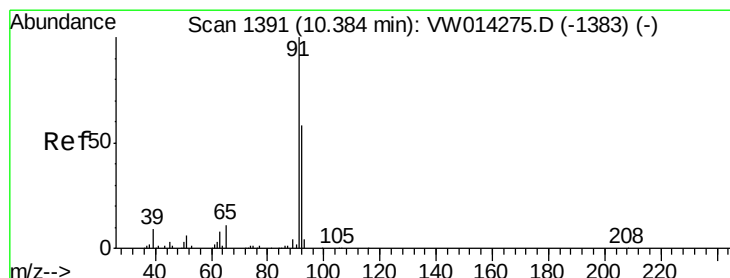
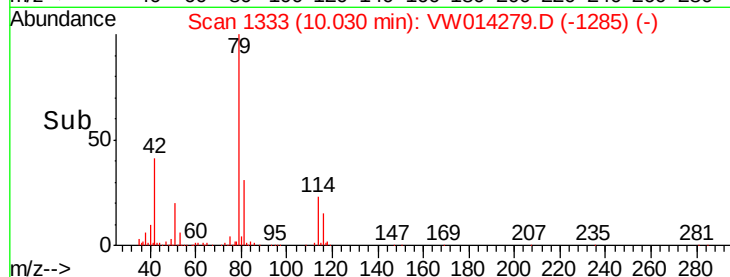
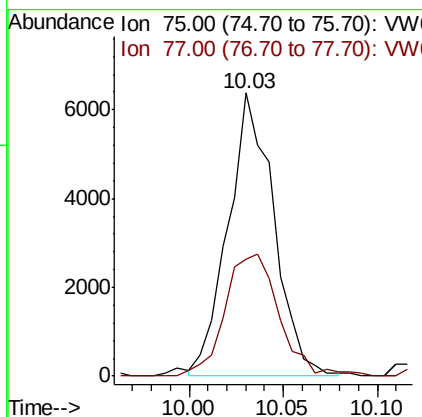
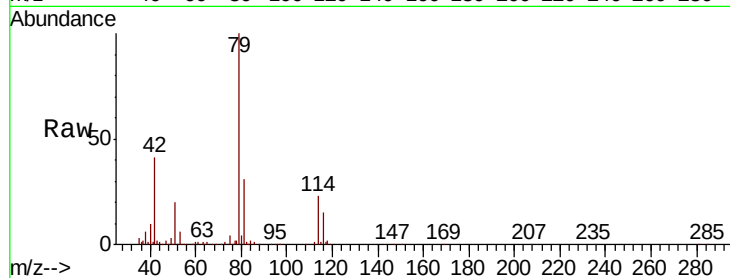
ClientSampled :

Tot Ion: 75 Resp: 10743

Ion Ratio Lower Upper

75 100

77 41.3 22.1 41.1#



#44

Toluene

Concen: 0.953 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW014279.D

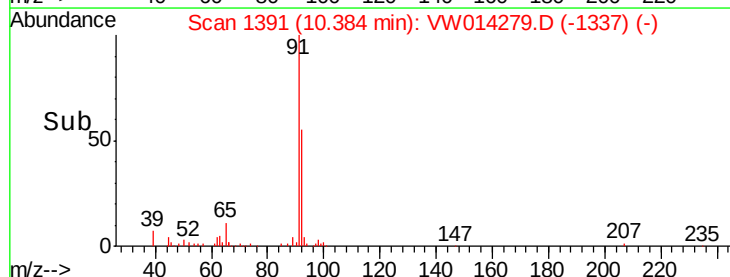
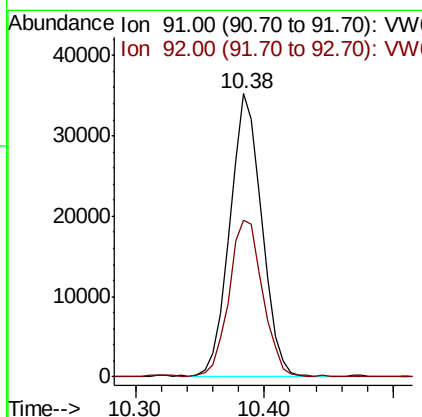
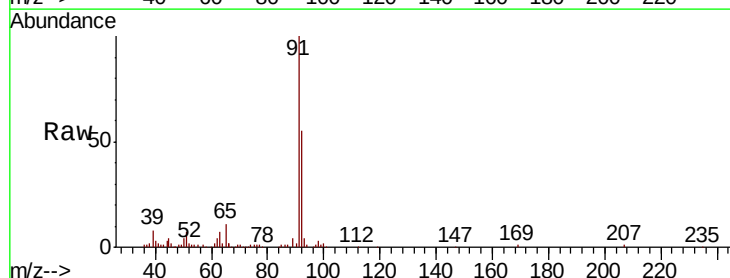
Acq: 10 Dec 2019 14:04

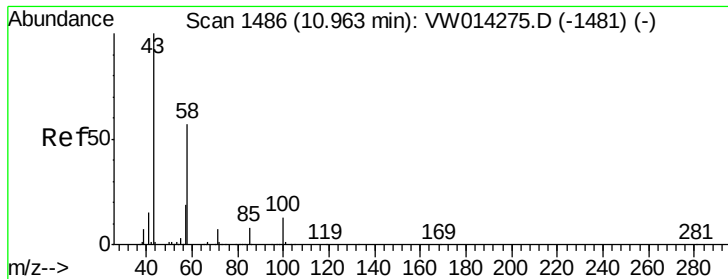
Tgt Ion: 91 Resp: 61030

Ion Ratio Lower Upper

91 100

92 55.4 40.7 75.7





#49

2-Hexanone

Concen: 2.618 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW014279.D

Acq: 10 Dec 2019 14:04

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 19296

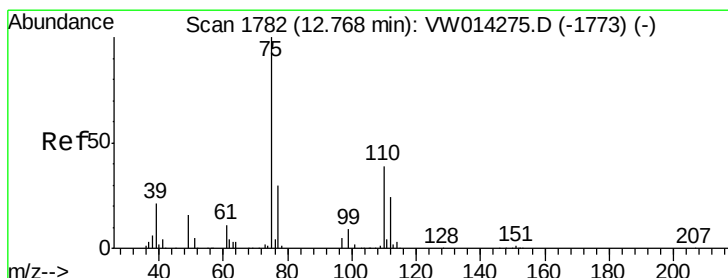
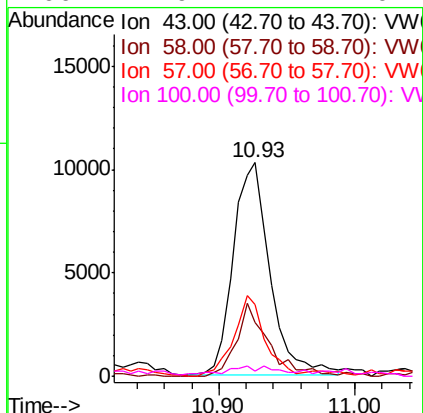
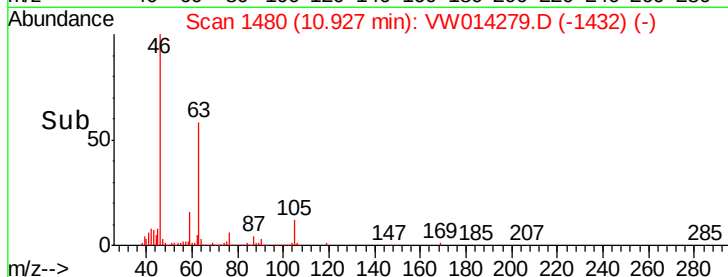
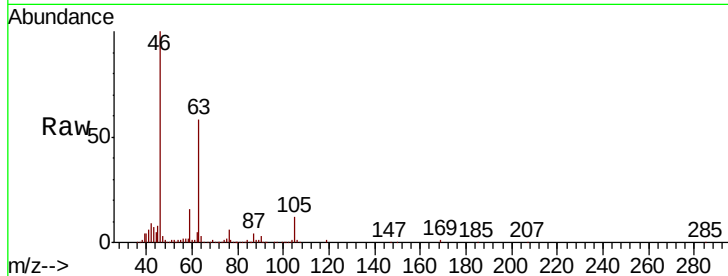
Ion Ratio Lower Upper

43 100

58 28.7 44.4 66.6#

57 31.7 16.5 24.7#

100 2.9 11.1 16.7#



#59

1,2,3-Trichloropropane

Concen: 3.874 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014279.D

Acq: 10 Dec 2019 14:04

Tgt Ion: 75 Resp: 42028

Ion Ratio Lower Upper

75 100

77 37.3 25.9 38.9

