

Data File : VW009555.D
Acq On : 29 Mar 2019 00:23
Operator : SY/VA
Sample : K2068-21
Misc : 3.93G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5J9RE

Quant Time: Mar 29 07:45:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 07:41:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	304177	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	252942	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	79354	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	124883	34.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	137.44%
7) Chloroethane-d5	2.89	69	121665	28.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.44%
10) 1,1-Dichloroethene-d2	4.01	63	181987	23.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.64%
20) 2-Butanone-d5	7.07	46	73237	48.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.44%
24) Chloroform-d	7.65	84	226619	27.30	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.20%
26) 1,2-Dichloroethane-d4	8.41	65	100	0.02	ug/L	0.10
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	426798	30.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	122.40%
33) 1,2-Dichloropropane-d6	9.27	67	130611	31.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.68%#
37) Toluene-d8	10.32	98	343010	26.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.36%
38) trans-1,3-Dichloropropene-	10.58	79	43321	20.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.36%
39) 2-Hexanone-d5	10.93	63	43361	42.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	99407	24.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	77381	25.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.72%

Target Compounds

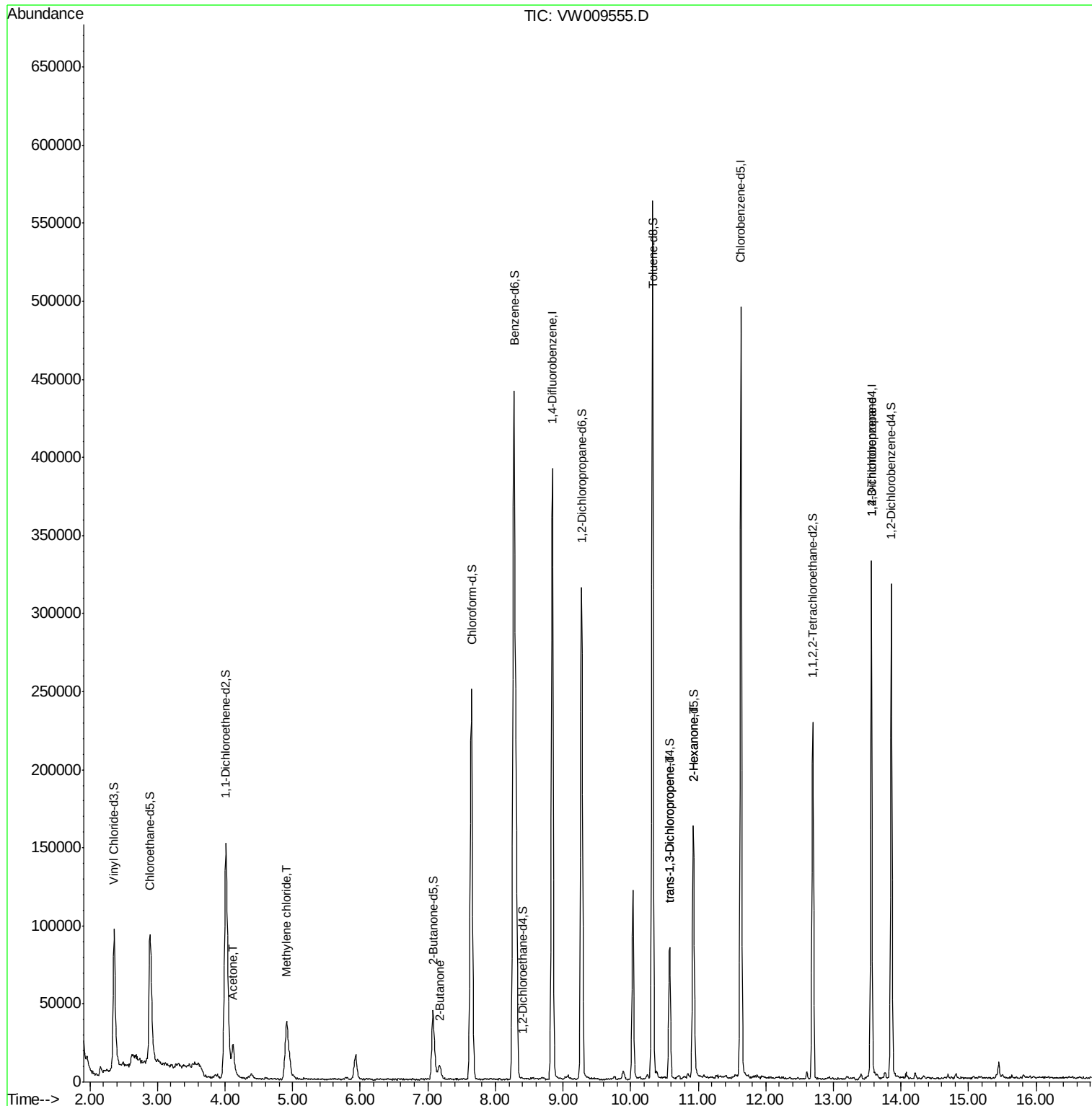
					Qvalue
13) Acetone	4.12	43	34048	27.620 ug/L	97
16) Methylene chloride	4.91	84	31356	7.069 ug/L	98
21) 2-Butanone	7.17	43	14110	8.290 ug/L	83
45) trans-1,3-Dichloropropene	10.57	75	2512	0.499 ug/L	96
49) 2-Hexanone	10.92	43	7561	3.335 ug/L #	83
59) 1,2,3-Trichloropropane	13.56	75	10444	3.681 ug/L	91

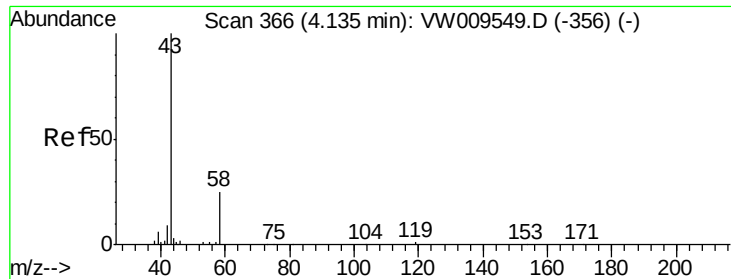
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 27.620 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.02 min

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Acq: 29 Mar 2019 00:23

Instrument :

MSVOA_W

ClientSampled :

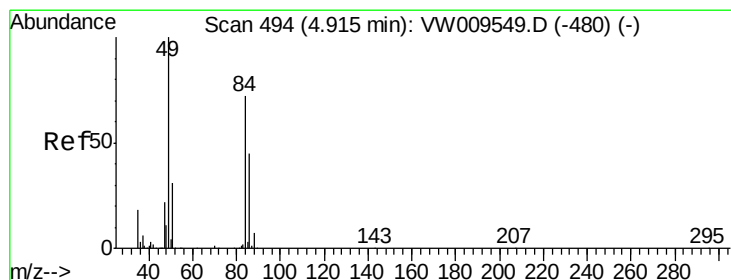
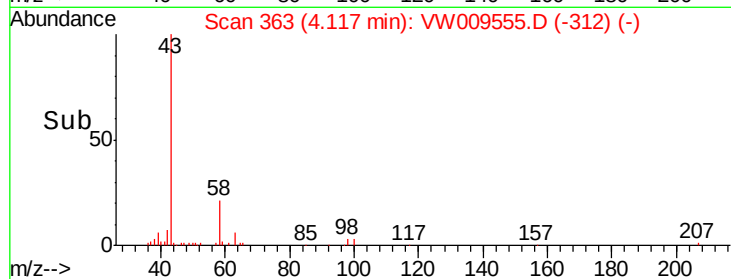
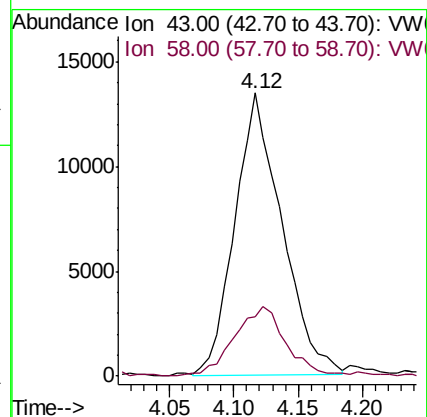
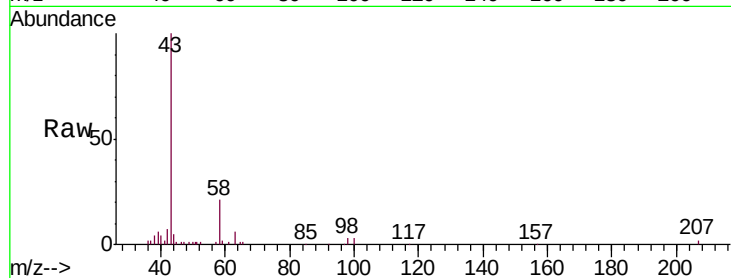
BF5J9RE

Tgt Ion: 43 Resp: 34048

Ion Ratio Lower Upper

43 100

58 26.6 0.0 56.2



#16

Methylene chloride

Concen: 7.069 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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Acq: 29 Mar 2019 00:23

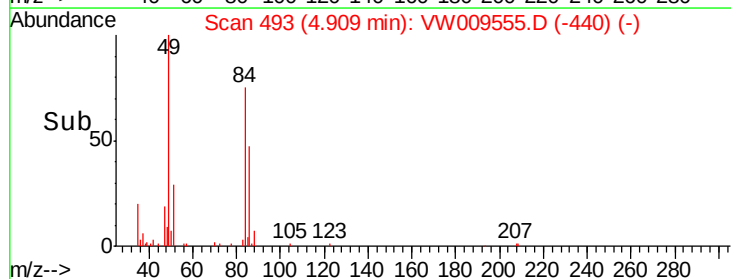
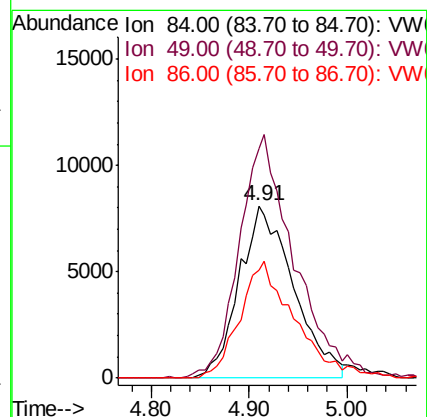
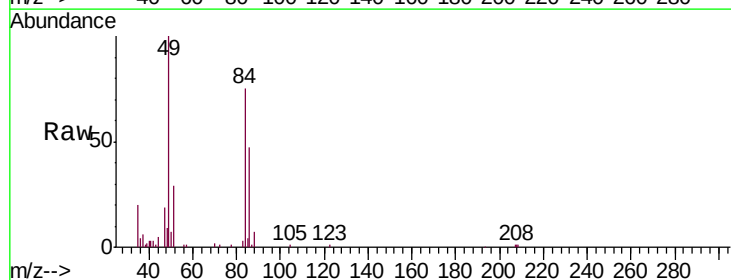
Tgt Ion: 84 Resp: 31356

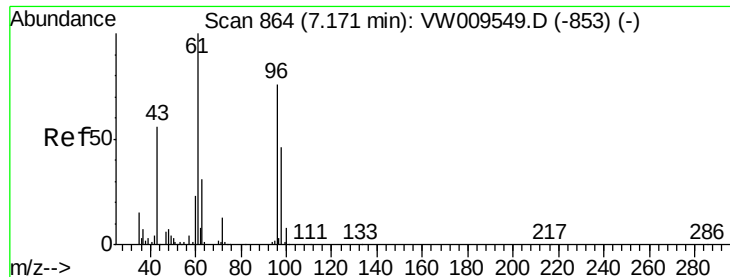
Ion Ratio Lower Upper

84 100

49 133.4 96.0 178.2

86 62.8 44.4 82.5





#21

2-Butanone

Concen: 8.290 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW009555.D

Acq: 29 Mar 2019 00:23

Instrument :

MSVOA_W

ClientSampleId :

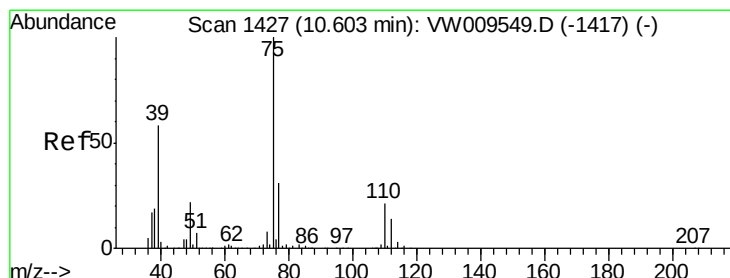
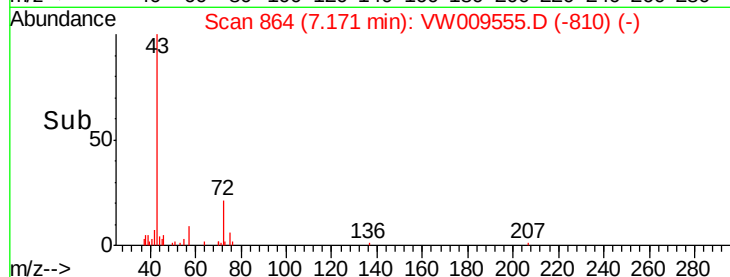
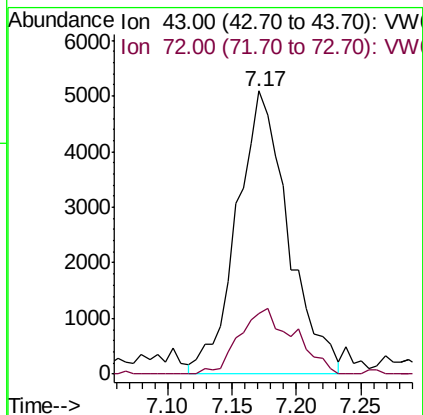
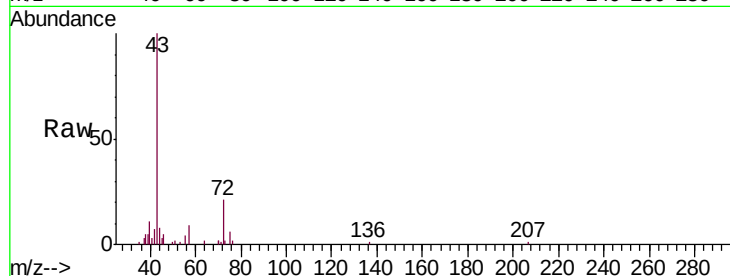
BF5J9RE

Tgt Ion: 43 Resp: 14110

Ion Ratio Lower Upper

43 100

72 17.4 13.1 39.1



#45

trans-1,3-Dichloropropene

Concen: 0.499 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009555.D

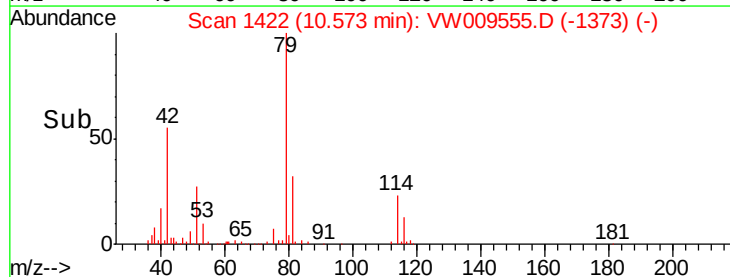
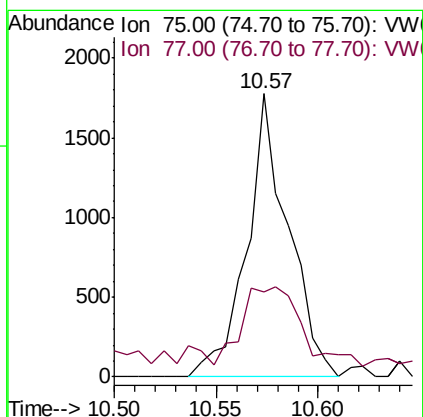
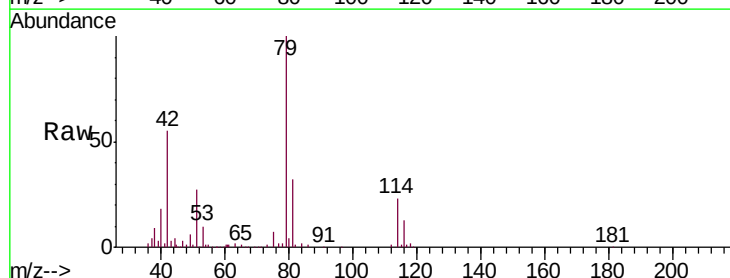
Acq: 29 Mar 2019 00:23

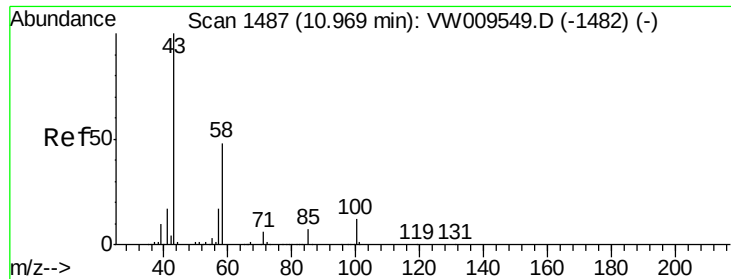
Tgt Ion: 75 Resp: 2512

Ion Ratio Lower Upper

75 100

77 30.0 22.5 41.7





#49

2-Hexanone

Concen: 3.335 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.05 min

Lab File: VW009555.D

Acq: 29 Mar 2019 00:23

Instrument :

MSVOA_W

ClientSampleId :

BF5J9RE

Tgt Ion: 43 Resp: 7561

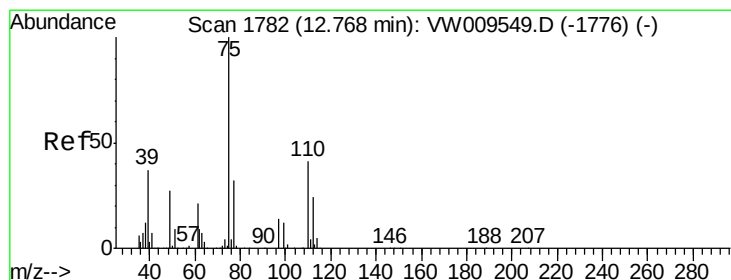
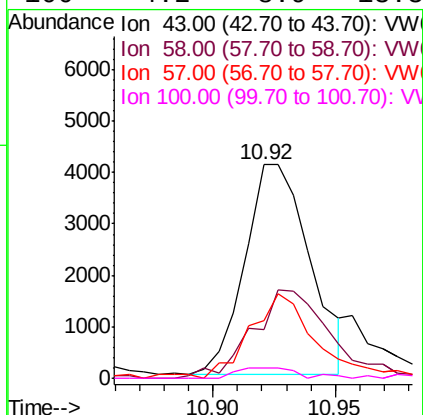
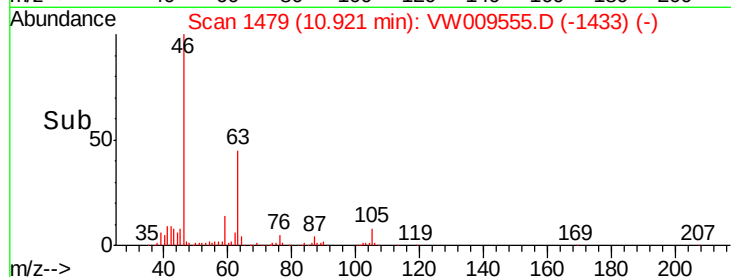
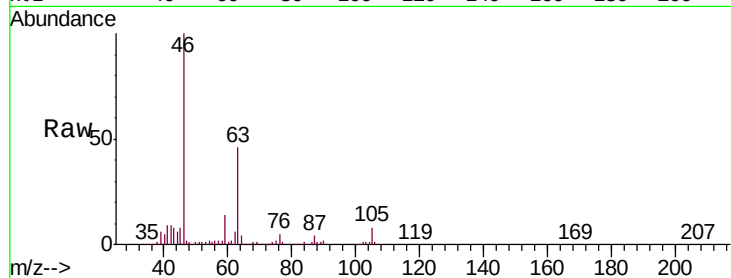
Ion Ratio Lower Upper

43 100

58 46.4 39.2 58.8

57 41.2 14.2 21.2#

100 4.2 8.9 13.3#



#59

1,2,3-Trichloropropane

Concen: 3.681 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009555.D

Acq: 29 Mar 2019 00:23

Tgt Ion: 75 Resp: 10444

Ion Ratio Lower Upper

75 100

77 37.6 26.2 39.2

