

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009515.D
 Acq On : 27 Mar 2019 22:43
 Operator : SY/VA
 Sample : K2068-07
 Misc : 5.36G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFC97RE

Quant Time: Mar 28 07:46:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 28 07:41:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	362845	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	311619	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	96625	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	68495	15.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.20%
7) Chloroethane-d5	2.89	69	84282	16.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.44%
10) 1,1-Dichloroethene-d2	4.01	63	113920	12.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.64%
20) 2-Butanone-d5	7.07	46	66647	37.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.34%
24) Chloroform-d	7.65	84	192010	19.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.56%
26) 1,2-Dichloroethane-d4	8.31	65	116620	19.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.20%
29) Benzene-d6	8.27	84	328060	19.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.36%
33) 1,2-Dichloropropane-d6	9.27	67	109253	21.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.68%
37) Toluene-d8	10.32	98	262006	16.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	65.96%
38) trans-1,3-Dichloropropene-	10.58	79	36194	13.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	55.84%
39) 2-Hexanone-d5	10.93	63	38795	31.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	97320	19.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	67098	18.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.44%#

Target Compounds

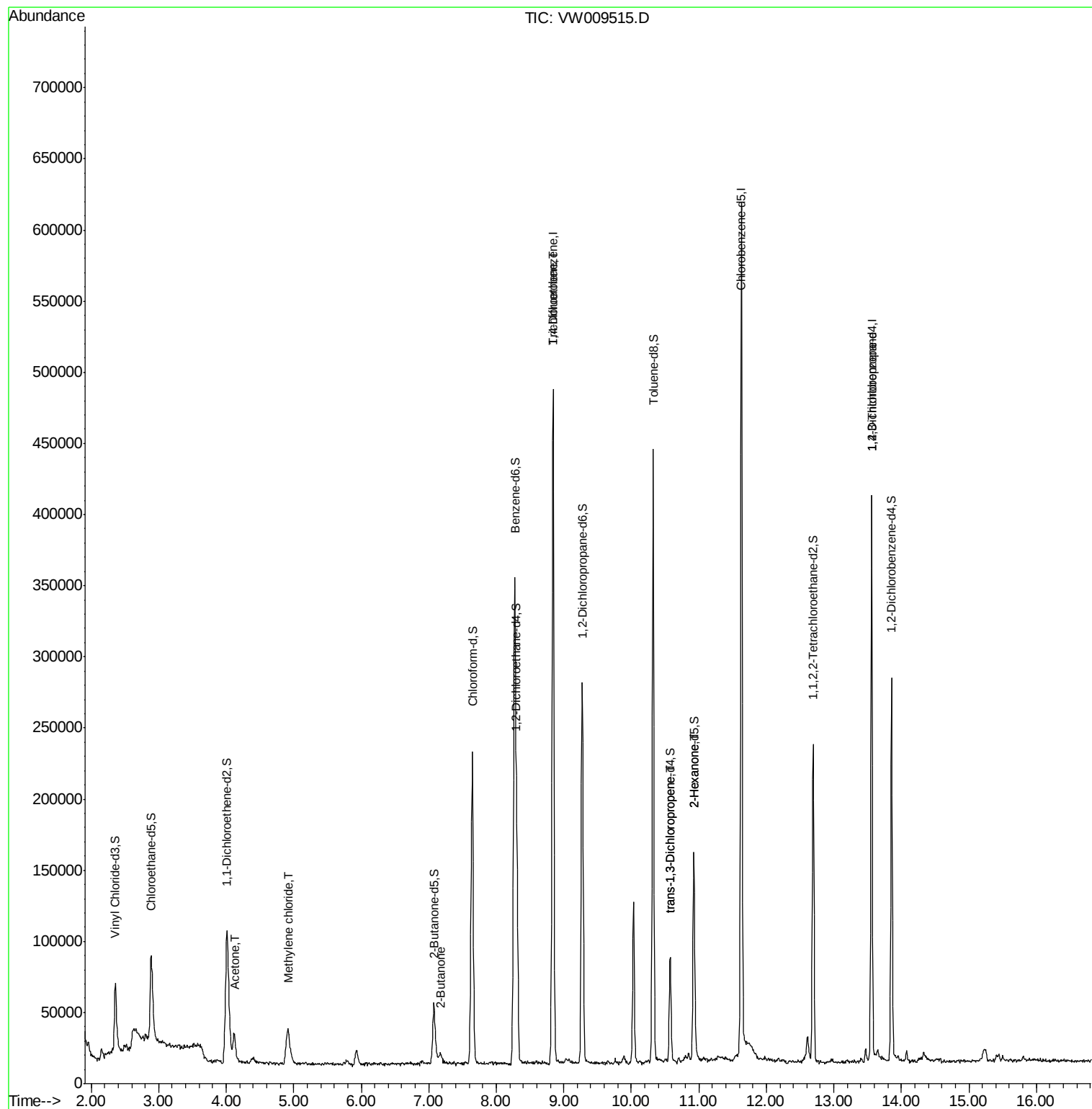
					Ovalue
13) Acetone	4.12	43	33166	22.554	ug/L 96
16) Methylene chloride	4.92	84	18032	3.408	ug/L 90
21) 2-Butanone	7.17	43	7361	3.625	ug/L 89
35) Trichloroethene	8.84	95	11593	2.551	ug/L # 4
45) trans-1,3-Dichloropropene	10.57	75	2170	0.350	ug/L 93
49) 2-Hexanone	10.93	43	7703	2.758	ug/L # 82
59) 1,2,3-Trichloropropane	13.56	75	13959	3.993	ug/L 95

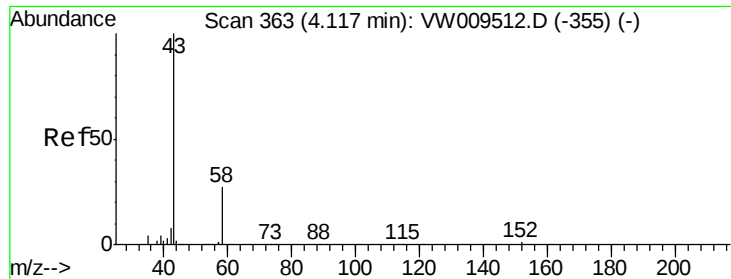
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 22.554 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW009515.D

Acq: 27 Mar 2019 22:43

Instrument :

MSVOA_W

ClientSampleId :

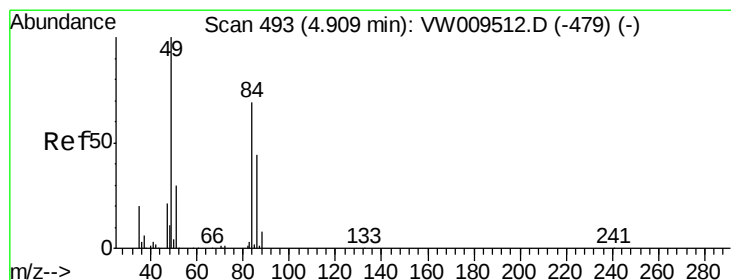
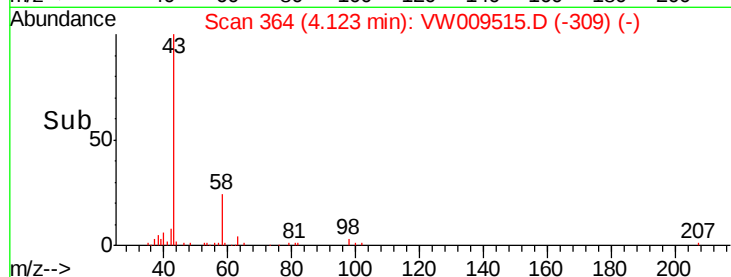
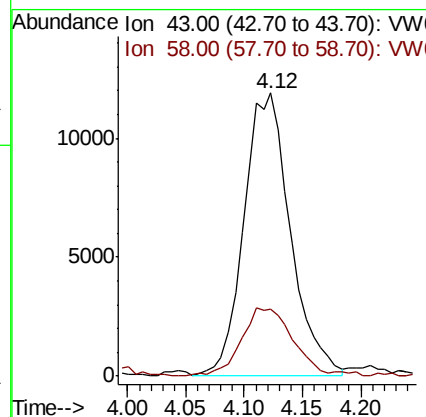
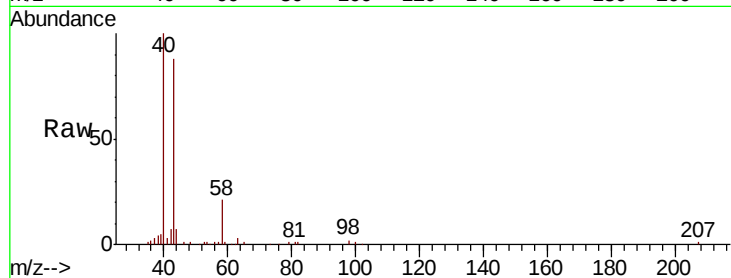
BFC97RE

Tot Ion: 43 Resp: 33166

Ion Ratio Lower Upper

43 100

58 26.1 0.0 56.2



#16

Methylene chloride

Concen: 3.408 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW009515.D

Acq: 27 Mar 2019 22:43

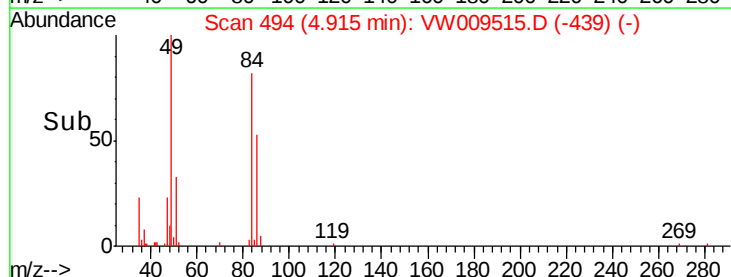
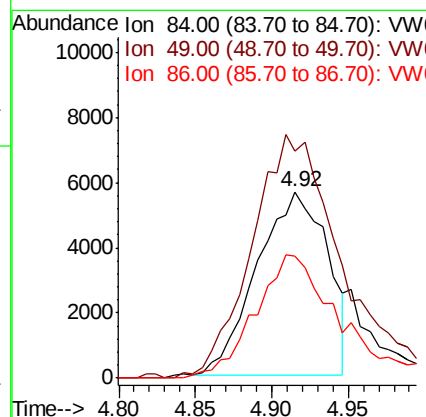
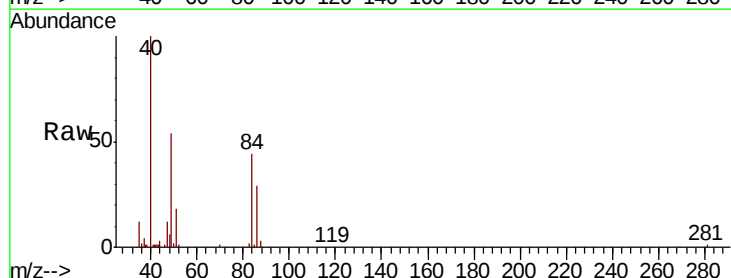
Tgt Ion: 84 Resp: 18032

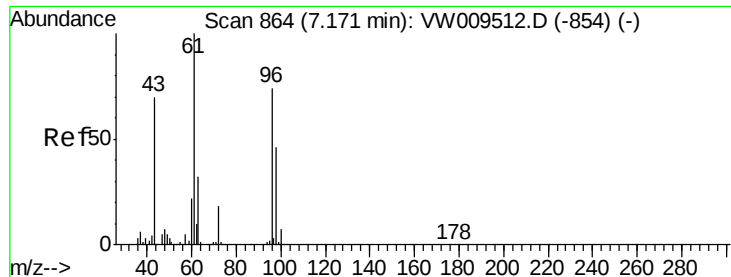
Ion Ratio Lower Upper

84 100

49 121.4 96.0 178.2

86 65.2 44.4 82.5





#21

2-Butanone

Concen: 3.625 ug/L

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW009515.D

Acq: 27 Mar 2019 22:43

Instrument :

MSVOA_W

ClientSampleId :

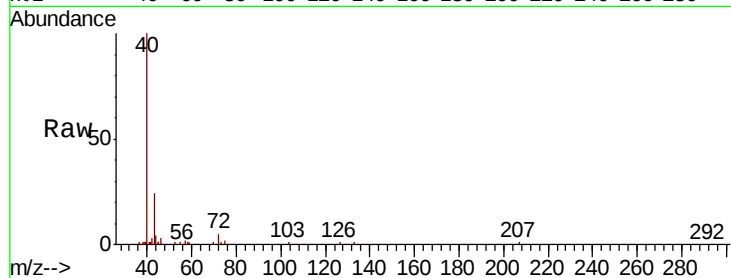
BFC97RE

Tot Ion: 43 Resp: 7361

Ion Ratio Lower Upper

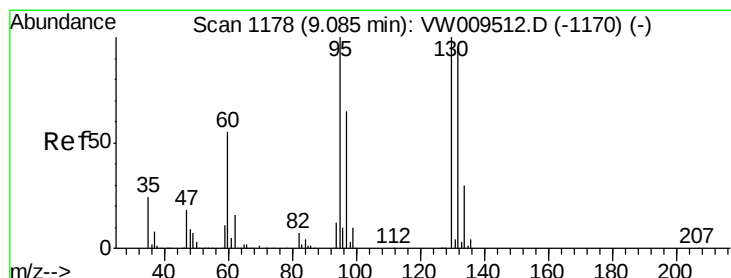
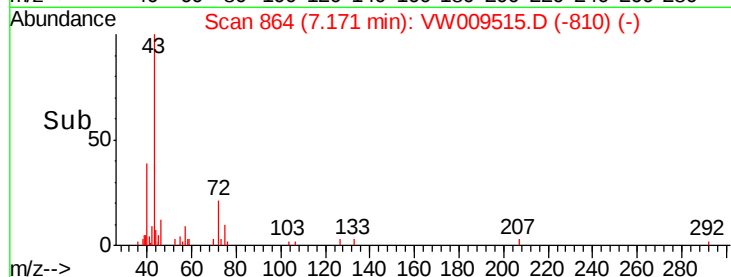
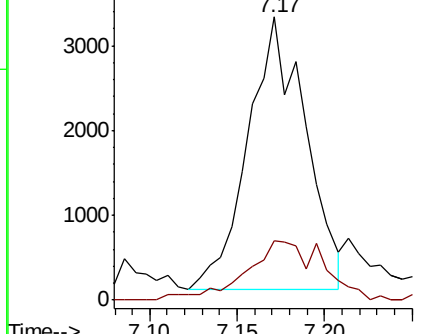
43 100

72 20.3 13.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#35

Trichloroethene

Concen: 2.551 ug/L

RT: 8.84 min Scan# 1137

Delta R.T. -0.25 min

Lab File: VW009515.D

Acq: 27 Mar 2019 22:43

Tgt Ion: 95 Resp: 11593

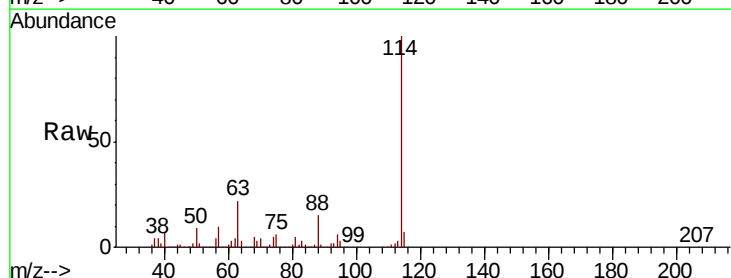
Ion Ratio Lower Upper

95 100

97 0.9 44.7 82.9#

132 0.0 69.0 128.2#

130 0.0 72.7 134.9#

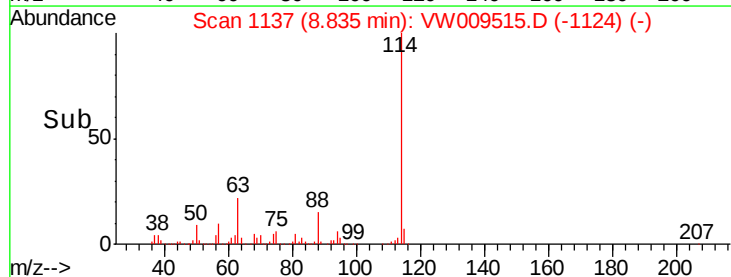
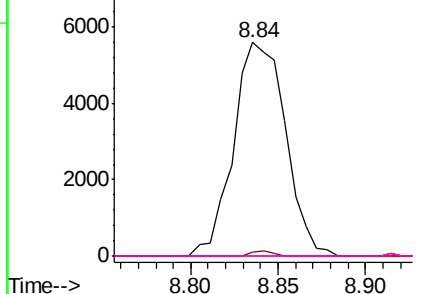


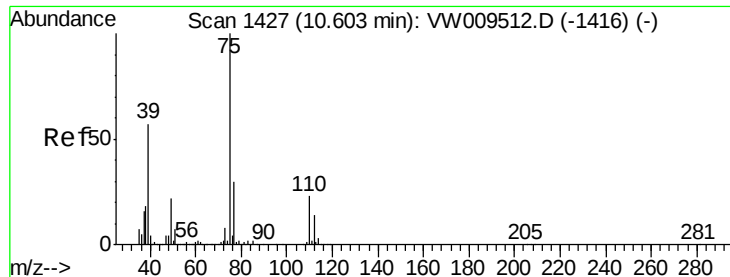
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#45

trans-1,3-Dichloropropene

Concen: 0.350 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009515.D

Acq: 27 Mar 2019 22:43

Instrument :

MSVOA_W

ClientSampleId :

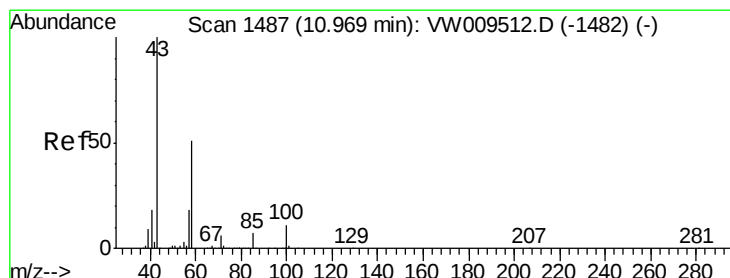
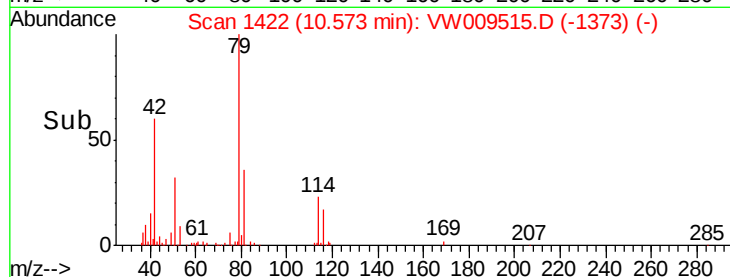
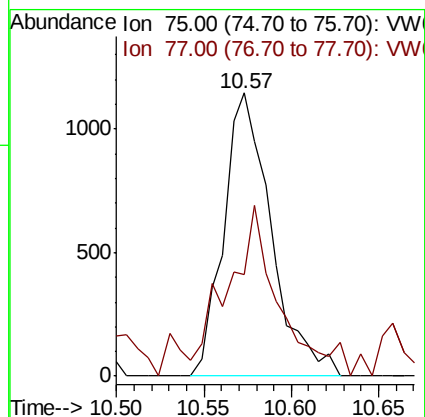
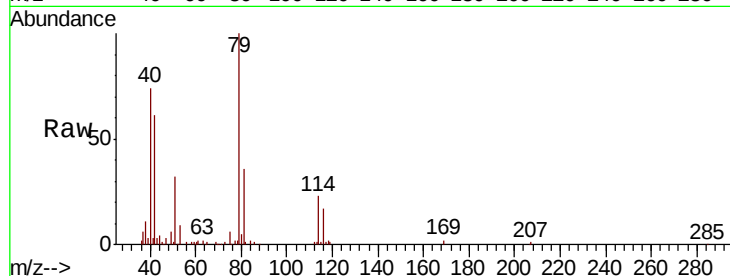
BFC97RE

Tot Ion: 75 Resp: 2170

Ion Ratio Lower Upper

75 100

77 35.8 22.5 41.7



#49

2-Hexanone

Concen: 2.758 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW009515.D

Acq: 27 Mar 2019 22:43

Tgt Ion: 43 Resp: 7703

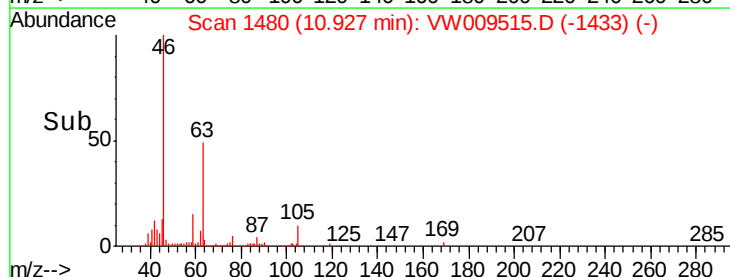
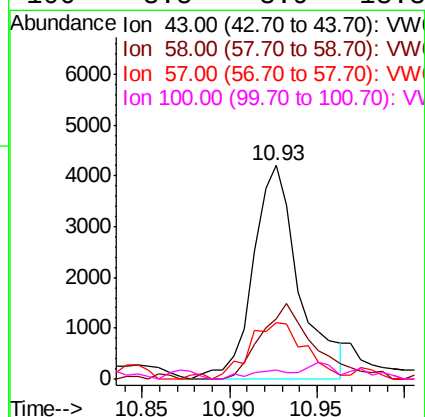
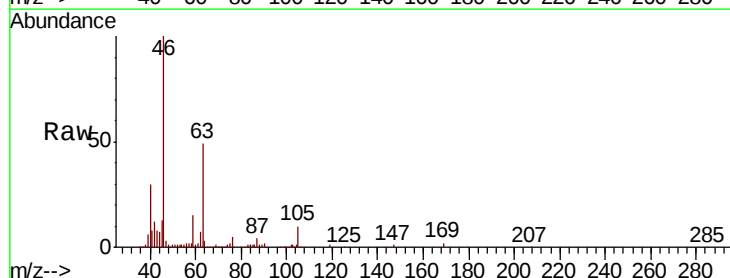
Ion Ratio Lower Upper

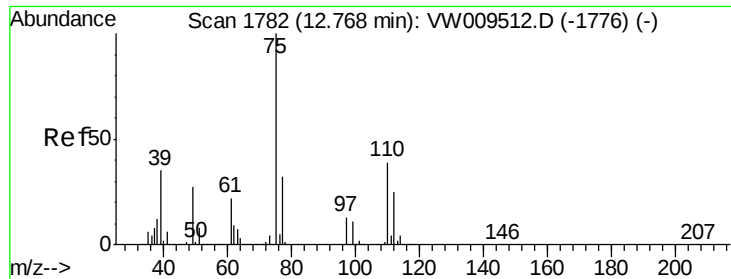
43 100

58 40.3 39.2 58.8

57 32.1 14.2 21.2#

100 3.5 8.9 13.3#





#59

1,2,3-Trichloropropane

Concen: 3.993 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009515.D

Acq: 27 Mar 2019 22:43

Instrument :

MSVOA_W

ClientSampleId :

BFC97RE

Tot Ion: 75 Resp: 13959

Ion Ratio Lower Upper

75 100

77 35.7 26.2 39.2

