

Data File : VW011891.D
Acq On : 13 Aug 2019 13:21
Operator : SY/VA
Sample : K4215-22
Misc : 5.77G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOC6

Quant Time: Aug 14 04:58:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis
QLast Update : Wed Aug 14 04:55:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	152776	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	101810	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	31744	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	53424	24.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.32%
7) Chloroethane-d5	2.89	69	46731	30.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.64%
10) 1,1-Dichloroethene-d2	4.02	63	63679	12.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.64%
20) 2-Butanone-d5	7.07	46	41483	42.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.64%
24) Chloroform-d	7.65	84	112601	26.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.36%
26) 1,2-Dichloroethane-d4	8.31	65	86071	34.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	138.64%#
29) Benzene-d6	8.27	84	167200	26.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.48%
33) 1,2-Dichloropropane-d6	9.27	67	71119	34.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	137.64%#
37) Toluene-d8	10.32	98	73846	13.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	52.00%
38) trans-1,3-Dichloropropene-	10.57	79	21199	23.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.60%
39) 2-Hexanone-d5	10.92	63	28773	59.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	52708	30.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	122.84%#
61) 1,2-Dichlorobenzene-d4	13.85	152	14704	12.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	48.08%#

Target Compounds

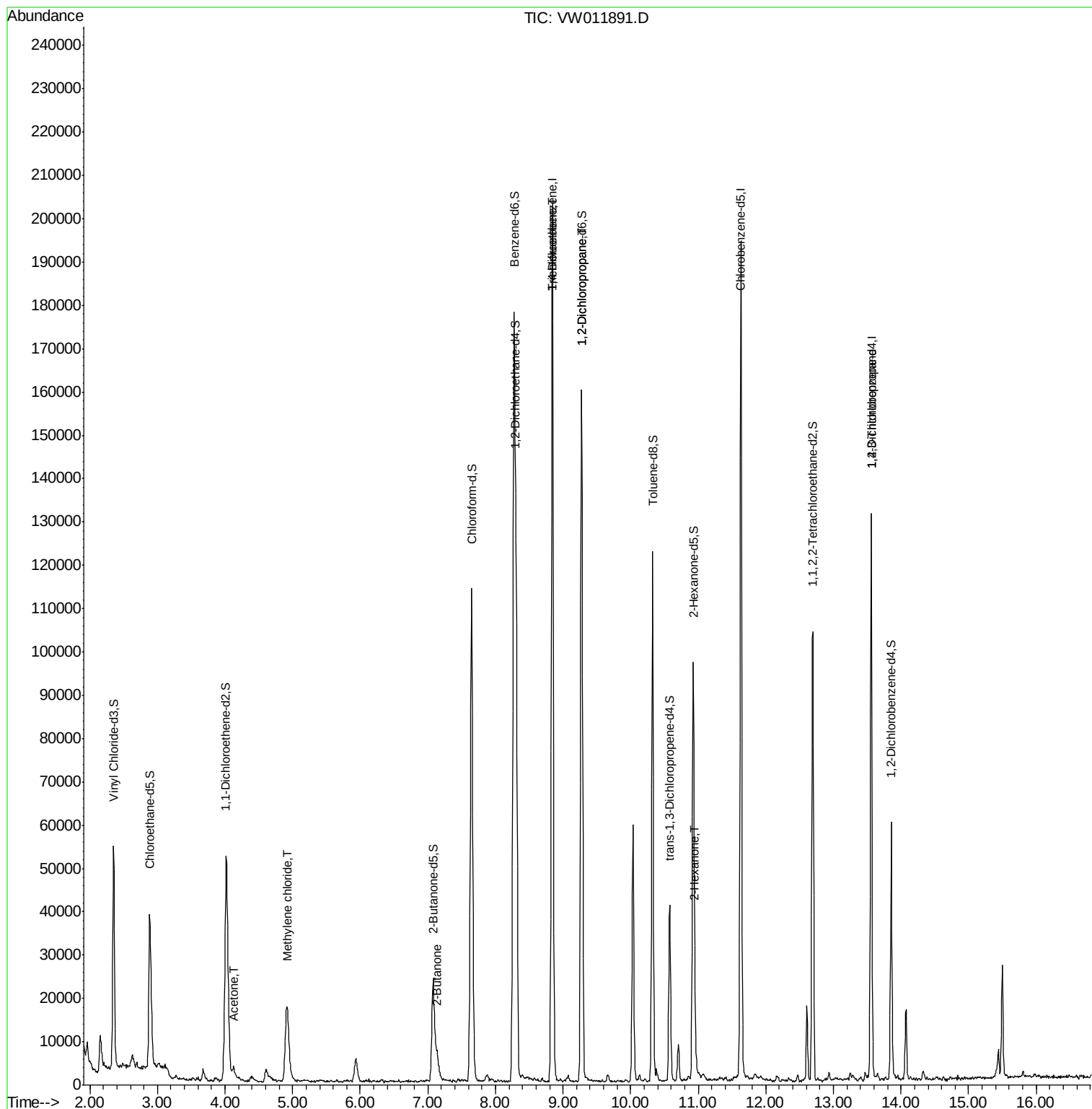
					Qvalue
13) Acetone	4.12	43	4494	4.332 ug/L	92
16) Methylene chloride	4.92	84	13980	5.864 ug/L	96
21) 2-Butanone	7.13	43	3806	2.926 ug/L #	56
35) Trichloroethene	8.84	95	4924	2.719 ug/L #	6
40) 1,2-Dichloropropane	9.27	63	8274	4.345 ug/L #	89
49) 2-Hexanone	10.95	43	5120	3.851 ug/L #	46
59) 1,2,3-Trichloropropane	13.55	75	4181	3.142 ug/L	92

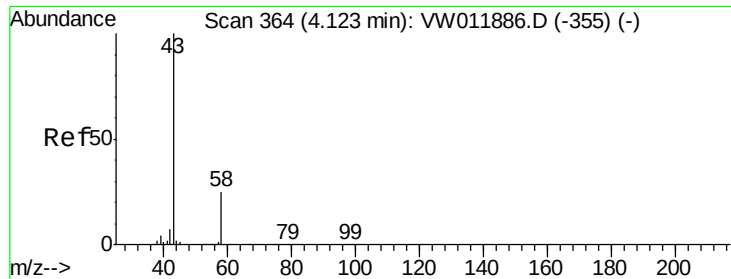
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW011891.D
Acq On : 13 Aug 2019 13:21
Operator : SY/VA
Sample : K4215-22
Misc : 5.77G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOC6

Quant Time: Aug 14 04:58:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis
QLast Update : Wed Aug 14 04:55:20 2019
Response via : Initial Calibration





#13

Acetone

Concen: 4.332 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW011891.D

Acq: 13 Aug 2019 13:21

Instrument :

MSVOA_W

ClientSampleId :

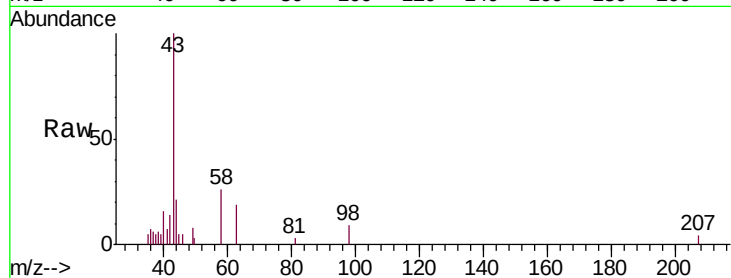
ETOC6

Tgt Ion: 43 Resp: 4494

Ion Ratio Lower Upper

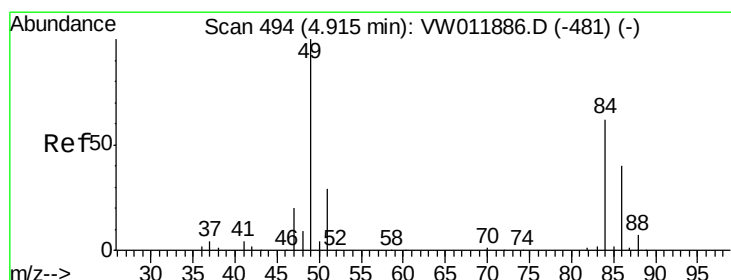
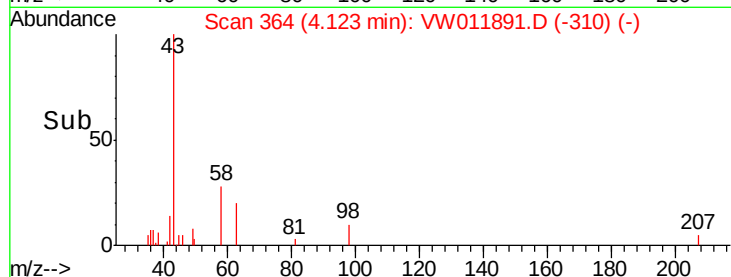
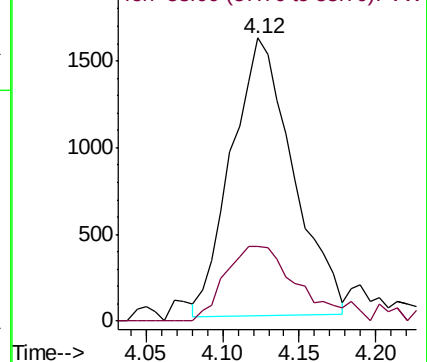
43 100

58 30.9 0.0 53.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 5.864 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW011891.D

Acq: 13 Aug 2019 13:21

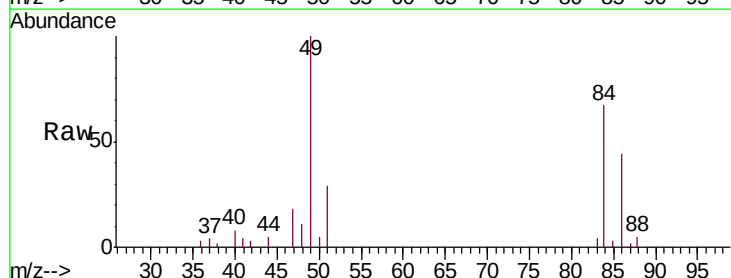
Tgt Ion: 84 Resp: 13980

Ion Ratio Lower Upper

84 100

49 148.2 106.8 198.4

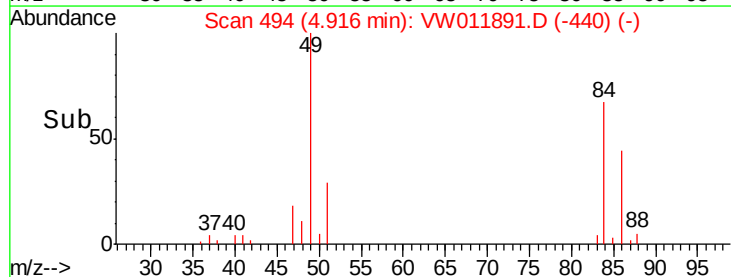
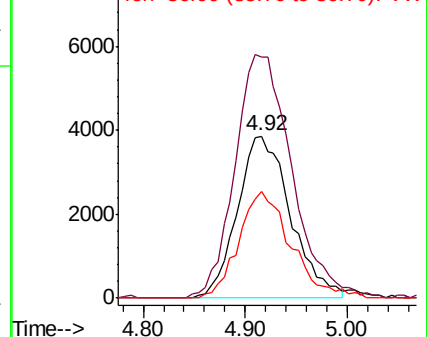
86 65.8 42.8 79.4

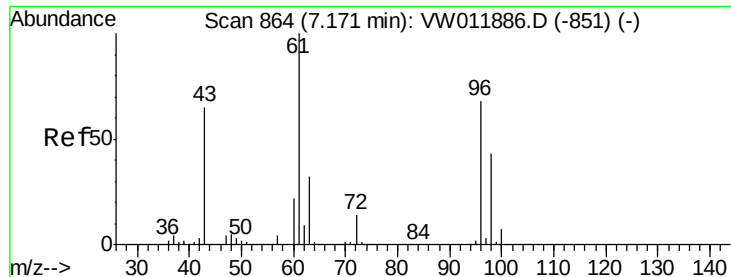


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 2.926 ug/L

RT: 7.13 min Scan# 858

Delta R.T. -0.04 min

Lab File: VW011891.D

Acq: 13 Aug 2019 13:21

Instrument :

MSVOA_W

ClientSampled :

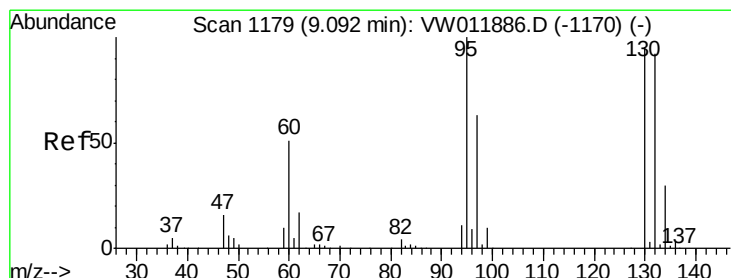
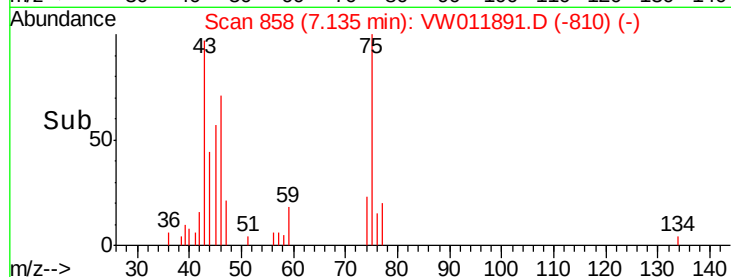
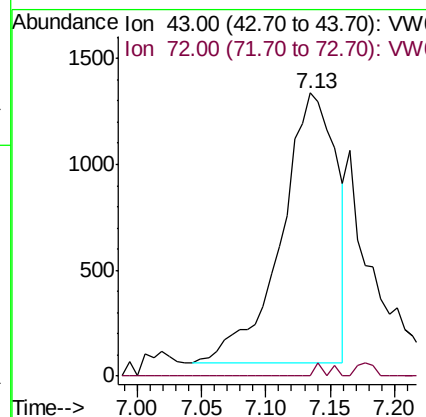
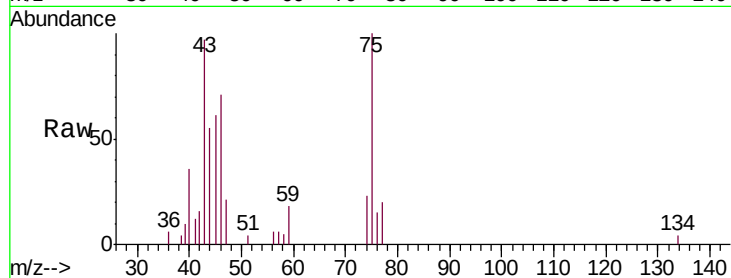
ETOC6

Tgt Ion: 43 Resp: 3806

Ion Ratio Lower Upper

43 100

72 0.6 10.7 32.1#



#35

Trichloroethene

Concen: 2.719 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW011891.D

Acq: 13 Aug 2019 13:21

Tgt Ion: 95 Resp: 4924

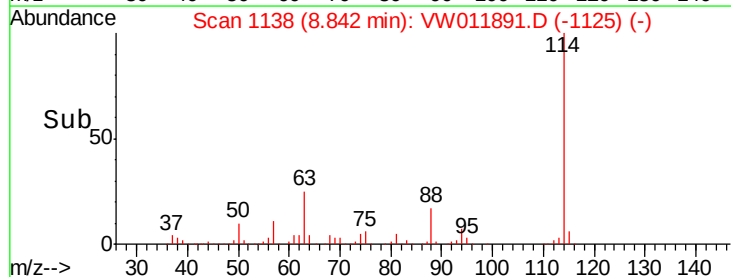
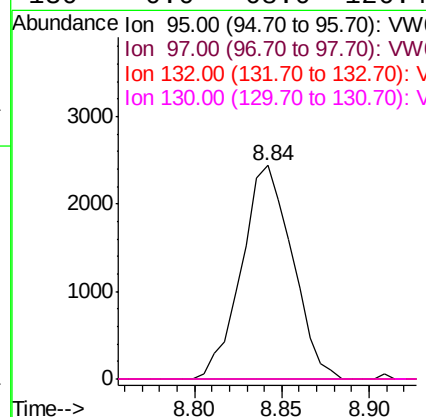
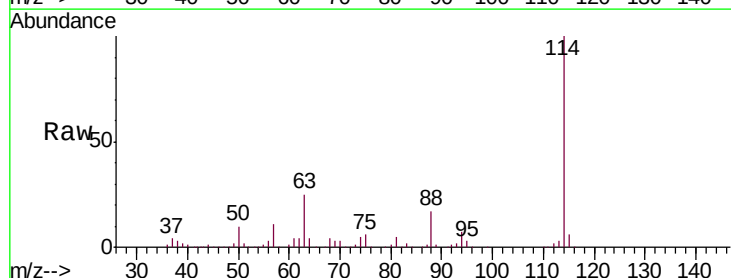
Ion Ratio Lower Upper

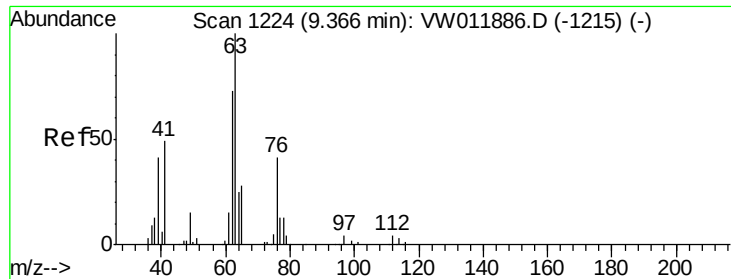
95 100

97 0.0 44.8 83.2#

132 0.0 65.0 120.6#

130 0.0 68.0 126.4#





#40

1,2-Dichloropropane

Concen: 4.345 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW011891.D

Acq: 13 Aug 2019 13:21

Instrument :

MSVOA_W

ClientSampleId :

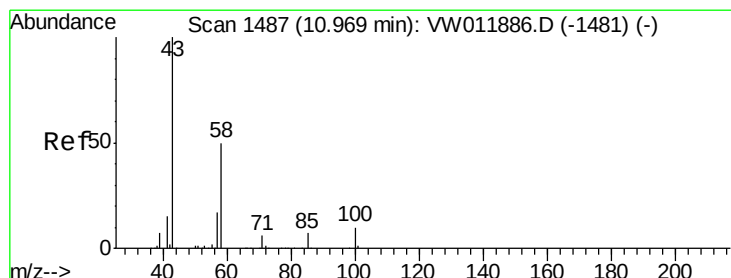
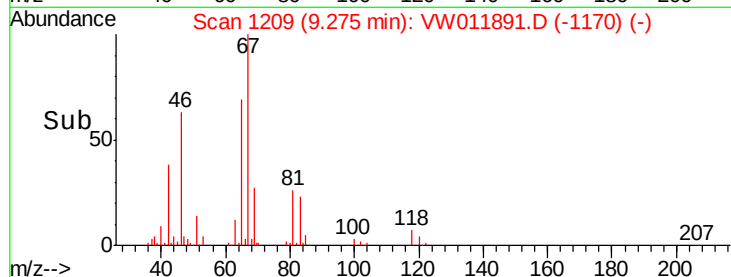
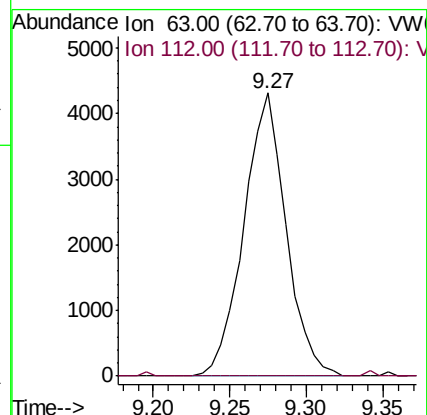
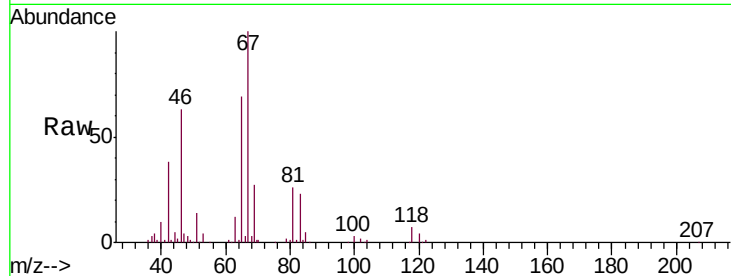
ETOC6

Tgt Ion: 63 Resp: 8274

Ion Ratio Lower Upper

63 100

112 0.3 3.1 4.7#



#49

2-Hexanone

Concen: 3.851 ug/L

RT: 10.95 min Scan# 1484

Delta R.T. -0.02 min

Lab File: VW011891.D

Acq: 13 Aug 2019 13:21

Tgt Ion: 43 Resp: 5120

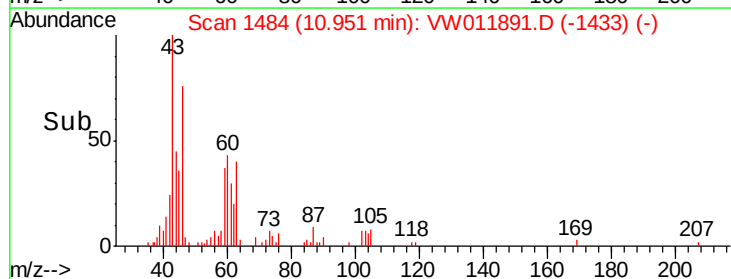
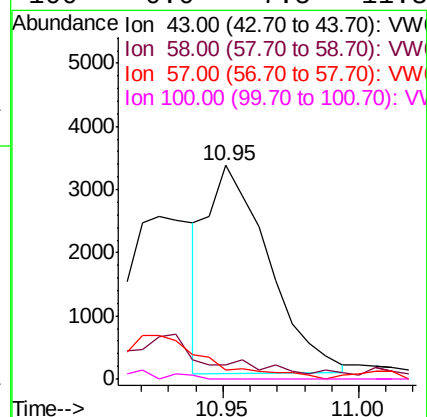
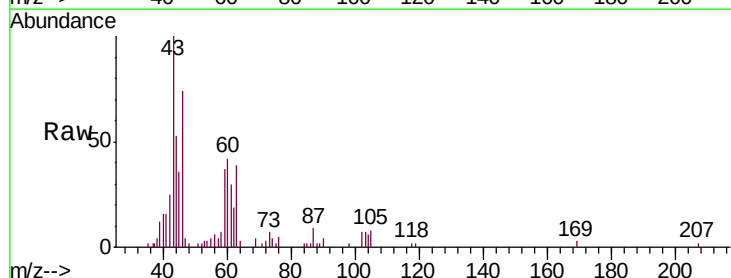
Ion Ratio Lower Upper

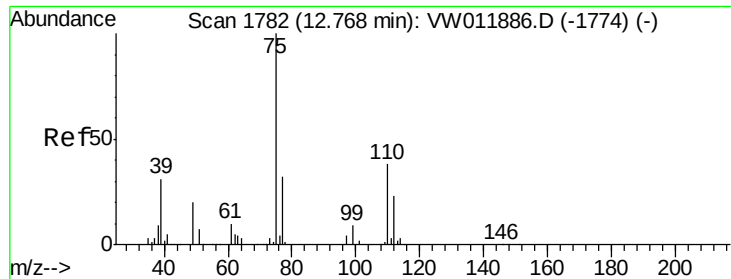
43 100

58 4.7 38.6 57.8#

57 0.0 13.0 19.6#

100 0.0 7.5 11.3#





#59

1,2,3-Trichloropropane

Concen: 3.142 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW011891.D

Acq: 13 Aug 2019 13:21

Instrument :

MSVOA_W

ClientSampleId :

ETOC6

Tgt Ion: 75 Resp: 4181

Ion Ratio Lower Upper

75 100

77 36.0 25.1 37.7

