

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071918\
 Data File : VW004060.D
 Acq On : 20 Jul 2018 03:00
 Operator : VA/AP
 Sample : J4023-11
 Misc : 6.96G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB1L4

Quant Time: Jul 20 07:23:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 20 07:22:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	81321	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	80783	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	31436	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	22926	28.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.00%
7) Chloroethane-d5	2.89	69	17228	29.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.84%
10) 1,1-Dichloroethene-d2	4.00	63	37211	19.28	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.12%
20) 2-Butanone-d5	7.09	46	20063	42.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.06%
24) Chloroform-d	7.65	84	57046	29.56	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	118.24%
26) 1,2-Dichloroethane-d4	8.31	65	34576	29.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.96%
29) Benzene-d6	8.28	84	97929	26.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.56%
33) 1,2-Dichloropropane-d6	9.28	67	35637	28.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.04%
37) Toluene-d8	10.33	98	77287	22.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.80%
38) trans-1,3-Dichloropropene-	10.59	79	12379	22.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.16%
39) 2-Hexanone-d5	10.93	63	10990	32.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.34%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	34610	25.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.12%
61) 1,2-Dichlorobenzene-d4	13.87	152	29635	29.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	117.28%

Target Compounds

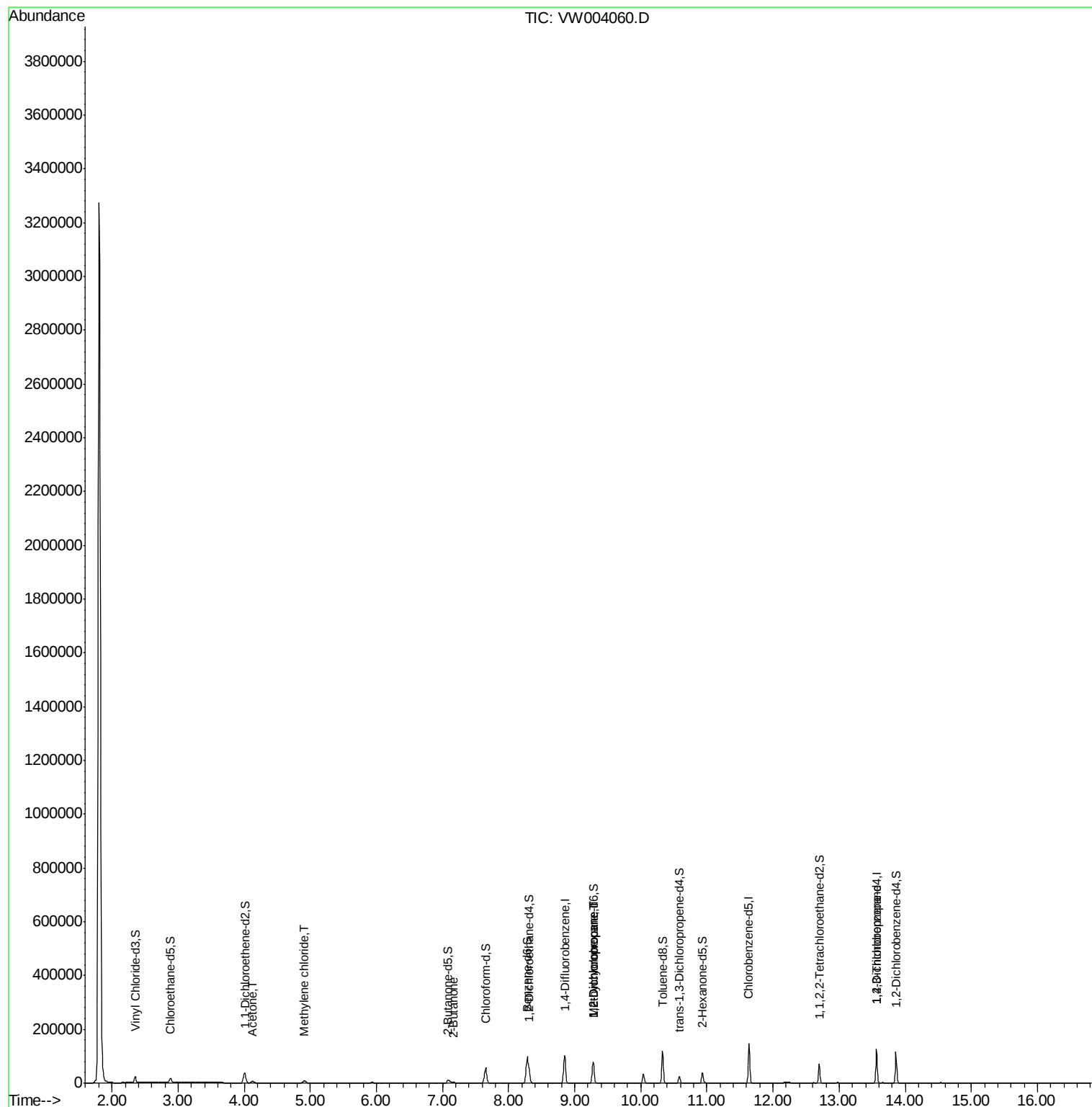
					Qvalue
13) Acetone	4.13	43	12858	25.073 ug/L	99
16) Methylene chloride	4.91	84	5710	3.660 ug/L	89
21) 2-Butanone	7.18	43	2181	3.428 ug/L #	75
36) Methylcyclohexane	9.27	83	8138	3.716 ug/L #	17
40) 1,2-Dichloropropane	9.27	63	4084	3.042 ug/L #	89
59) 1,2,3-Trichloropropane	13.57	75	4011	3.475 ug/L #	74

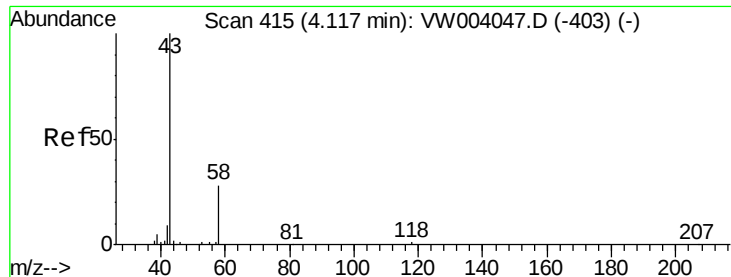
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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DB1L4

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 20 07:22:04 2018
Response via : Initial Calibration





#13

Acetone

Concen: 25.073 ug/L

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

Lab File: VW004060.D

Acq: 20 Jul 2018 03:00

Instrument :

MSVOA_W

ClientSampled :

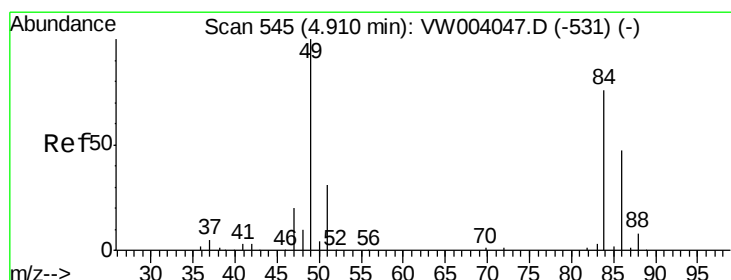
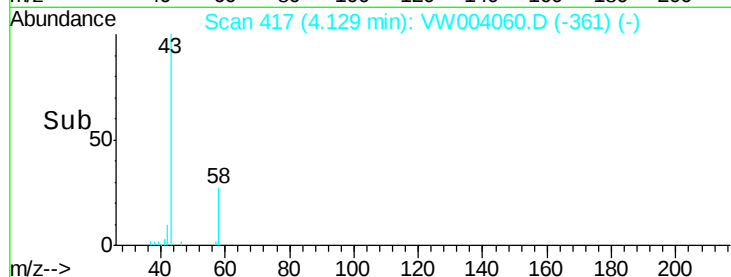
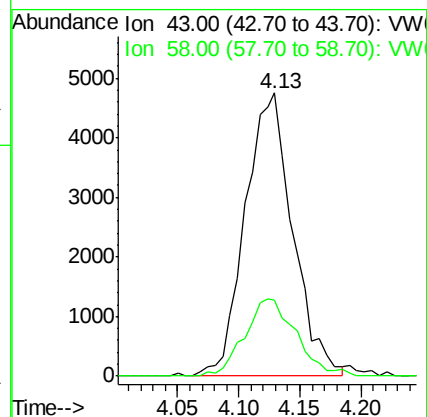
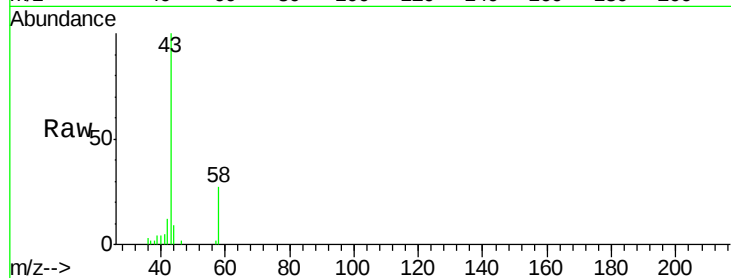
DB1L4

Tgt Ion: 43 Resp: 12858

Ion Ratio Lower Upper

43 100

58 29.1 0.0 59.4



#16

Methylene chloride

Concen: 3.660 ug/L

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

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Acq: 20 Jul 2018 03:00

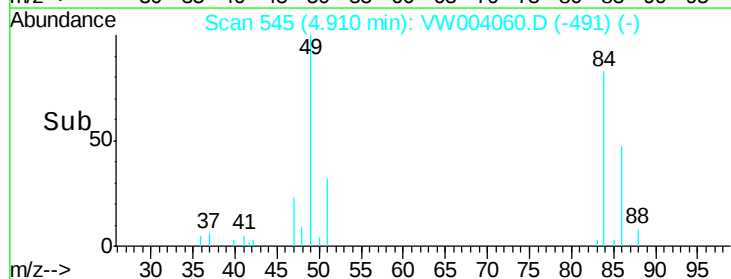
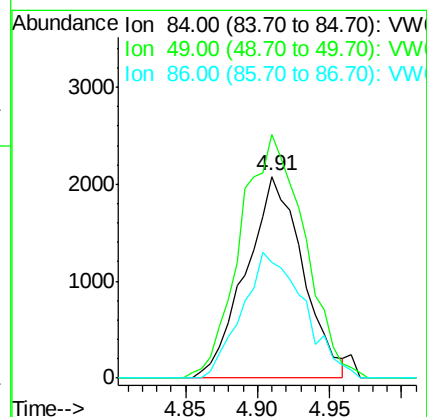
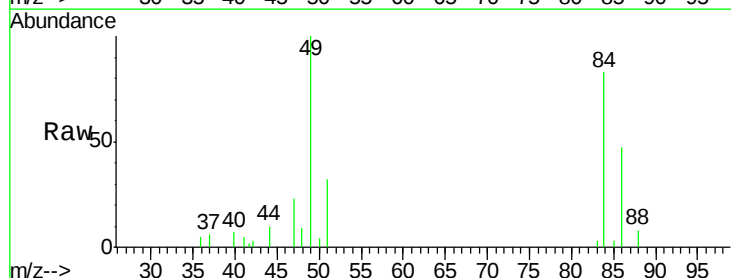
Tgt Ion: 84 Resp: 5710

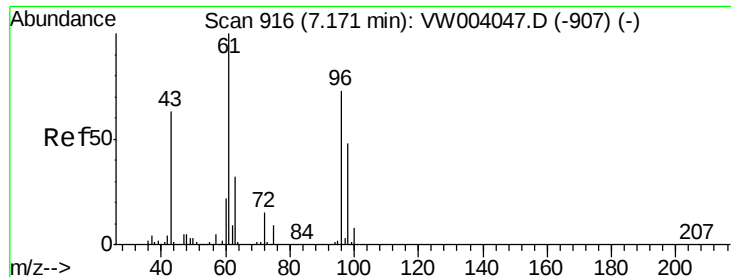
Ion Ratio Lower Upper

84 100

49 120.7 94.2 175.0

86 57.1 45.1 83.9

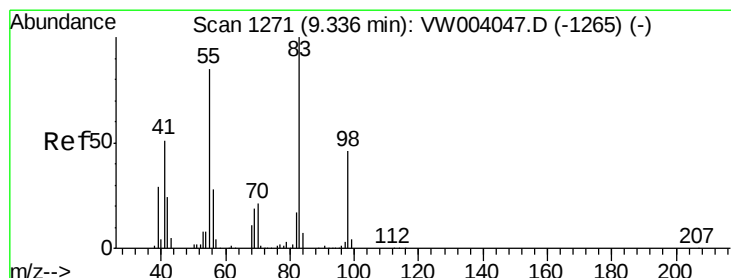
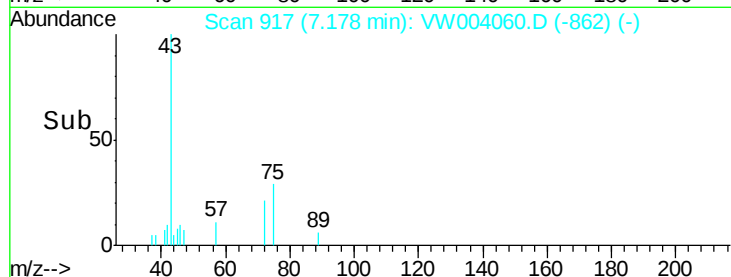
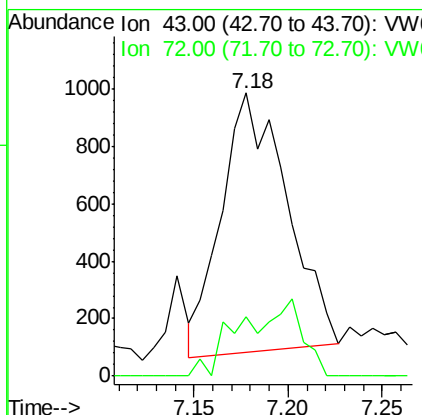
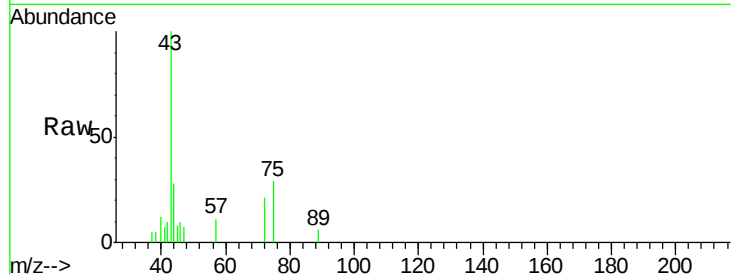




#21
 2-Butanone
 Concen: 3.428 ug/L
 RT: 7.18 min Scan# 917
 Delta R.T. 0.01 min
 Lab File: VW004060.D
 Acq: 20 Jul 2018 03:00

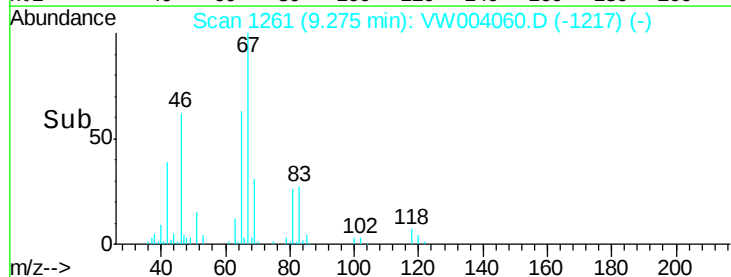
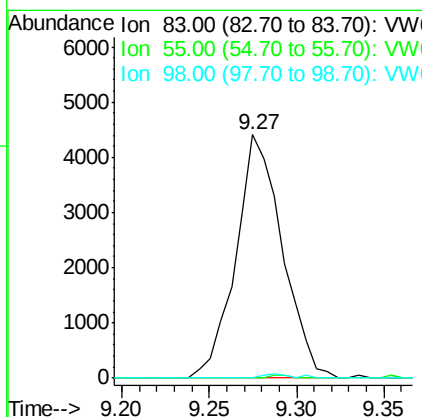
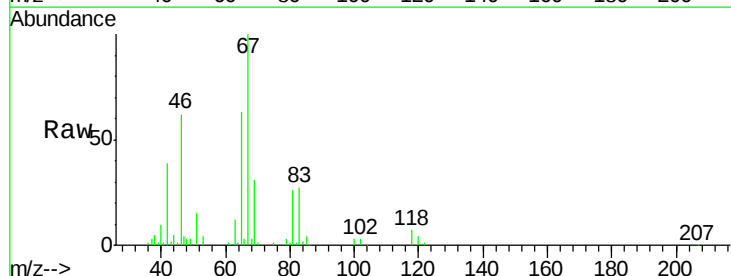
Instrument :
 MSVOA_W
 ClientSampled :
 DB1L4

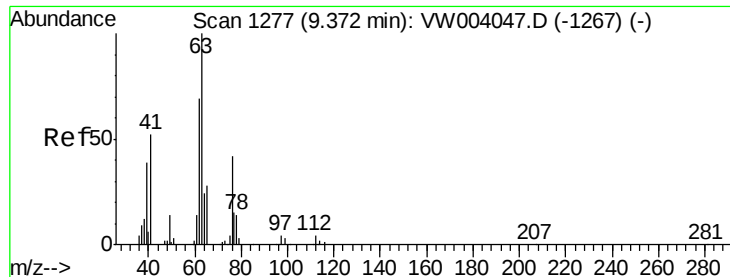
Tgt Ion: 43 Resp: 2181
 Ion Ratio Lower Upper
 43 100
 72 11.6 12.1 36.3#



#36
 Methylcyclohexane
 Concen: 3.716 ug/L
 RT: 9.27 min Scan# 1261
 Delta R.T. -0.06 min
 Lab File: VW004060.D
 Acq: 20 Jul 2018 03:00

Tgt Ion: 83 Resp: 8138
 Ion Ratio Lower Upper
 83 100
 55 0.5 65.8 98.6#
 98 0.8 37.0 55.6#





#40

1,2-Dichloropropane

Concen: 3.042 ug/L

RT: 9.27 min Scan# 1261

Delta R.T. -0.10 min

Lab File: VW004060.D

Acq: 20 Jul 2018 03:00

Instrument :

MSVOA_W

ClientSampleId :

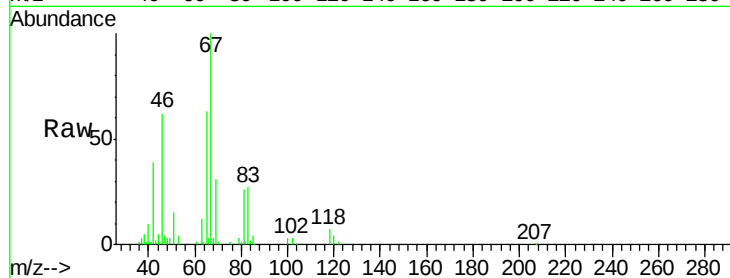
DB1L4

Tgt Ion: 63 Resp: 4084

Ion Ratio Lower Upper

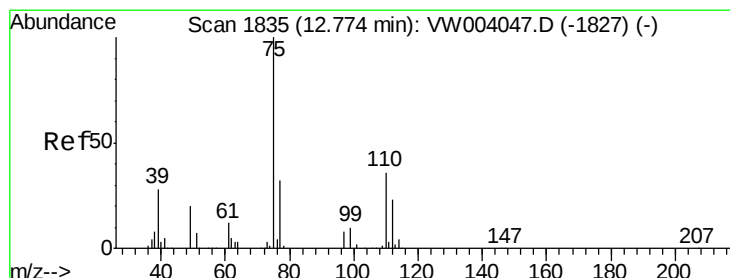
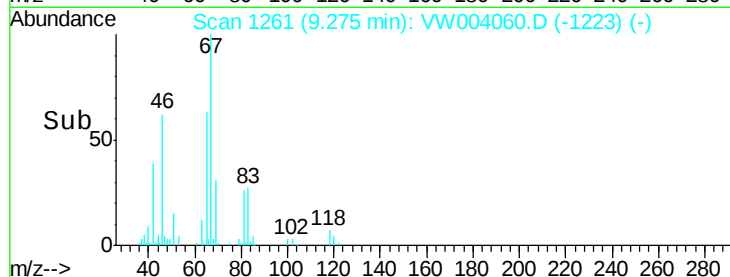
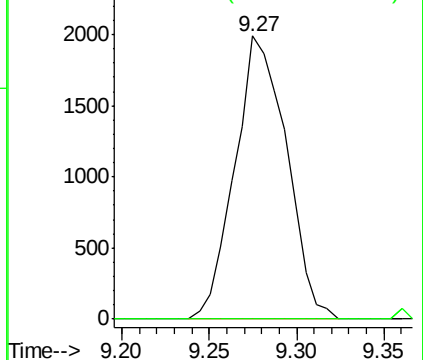
63 100

112 0.0 3.0 4.4#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#59

1,2,3-Trichloropropane

Concen: 3.475 ug/L

RT: 13.57 min Scan# 1965

Delta R.T. 0.79 min

Lab File: VW004060.D

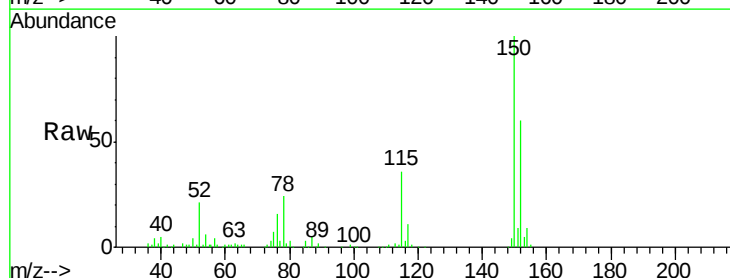
Acq: 20 Jul 2018 03:00

Tgt Ion: 75 Resp: 4011

Ion Ratio Lower Upper

75 100

77 46.2 25.4 38.0#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

