

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080118\
 Data File : VW004384.D
 Acq On : 01 Aug 2018 23:06
 Operator : SY/AP
 Sample : J4209-12
 Misc : 5.75G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AC8

Quant Time: Aug 02 05:14:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073118S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 02 05:11:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	145317	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	117161	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	38419	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	45315	40.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	160.08%#
7) Chloroethane-d5	2.89	69	39680	35.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	141.92%
10) 1,1-Dichloroethene-d2	4.01	63	62561	19.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.56%
20) 2-Butanone-d5	7.09	46	4266	6.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	12.16%#
24) Chloroform-d	7.65	84	99807	27.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.12%
26) 1,2-Dichloroethane-d4	8.31	65	58812	29.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.92%
29) Benzene-d6	8.27	84	177346	29.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	117.24%
33) 1,2-Dichloropropane-d6	9.28	67	54446	29.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.20%
37) Toluene-d8	10.33	98	154929	26.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.20%
38) trans-1,3-Dichloropropene-	10.58	79	13661	15.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	60.32%
39) 2-Hexanone-d5	10.93	63	3108	6.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	12.92%#
48) 1,1,2,2-Tetrachloroethane-	12.70	84	46178	23.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.36%
61) 1,2-Dichlorobenzene-d4	13.87	152	38692	26.35	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.40%

Target Compounds

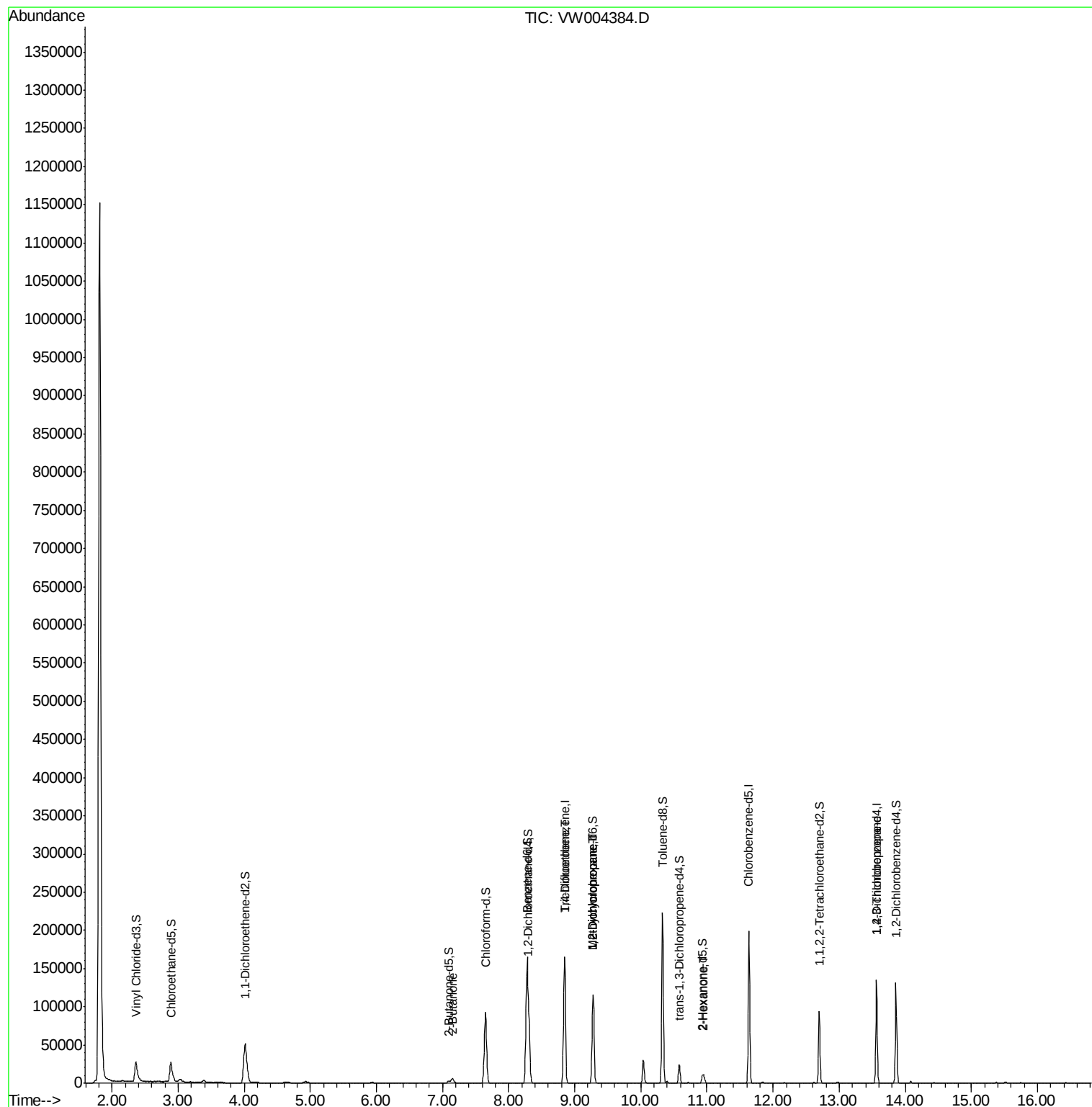
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
21) 2-Butanone	7.15	43	5472	6.537	ug/L #	46
35) Trichloroethene	8.85	95	4277	2.352	ug/L #	3
36) Methylcyclohexane	9.28	83	14646	4.516	ug/L #	21
40) 1,2-Dichloropropane	9.28	63	6375	3.742	ug/L #	87
49) 2-Hexanone	10.96	43	4188	4.085	ug/L #	42
59) 1,2,3-Trichloropropane	13.57	75	3328	2.241	ug/L #	80

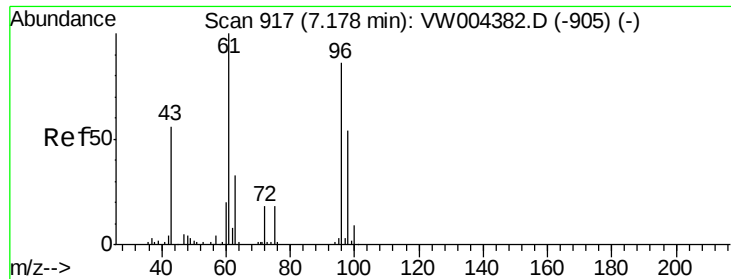
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 02 05:11:26 2018
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#21

2-Butanone

Concen: 6.537 ug/L

RT: 7.15 min Scan# 912

Delta R.T. -0.03 min

Lab File: VW004384.D

Acq: 01 Aug 2018 23:06

Instrument :

MSVOA_W

ClientSampled :

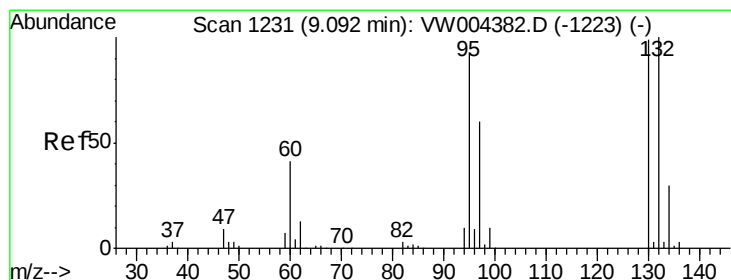
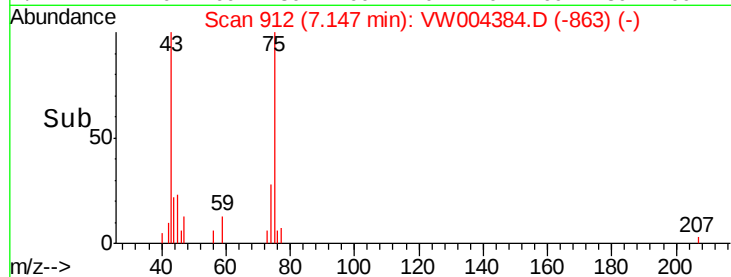
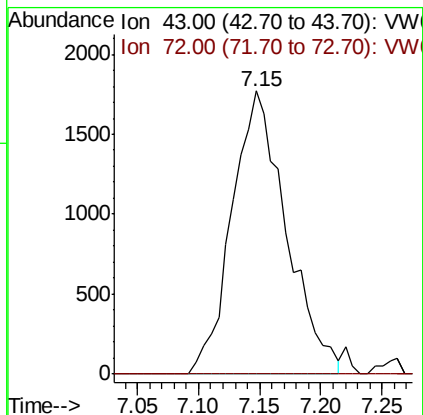
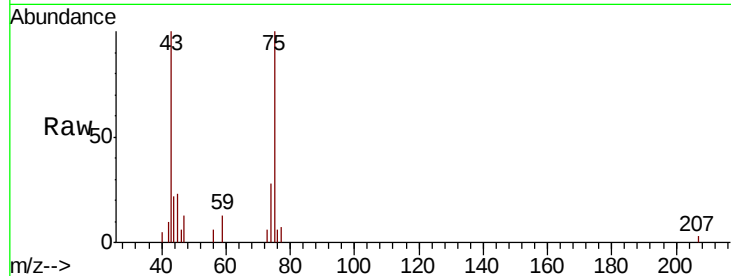
C0AC8

Tot Ion: 43 Resp: 5472

Ion Ratio Lower Upper

43 100

72 0.0 14.4 43.2#



#35

Trichloroethene

Concen: 2.352 ug/L

RT: 8.85 min Scan# 1192

Delta R.T. -0.24 min

Lab File: VW004384.D

Acq: 01 Aug 2018 23:06

Tgt Ion: 95 Resp: 4277

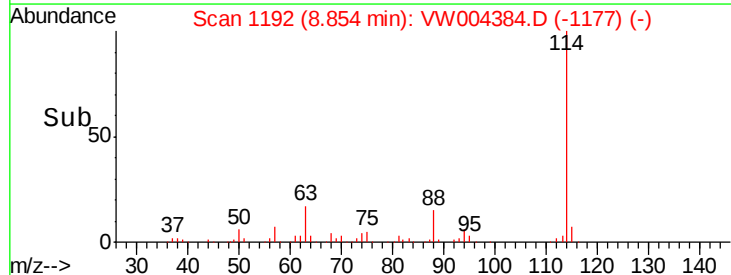
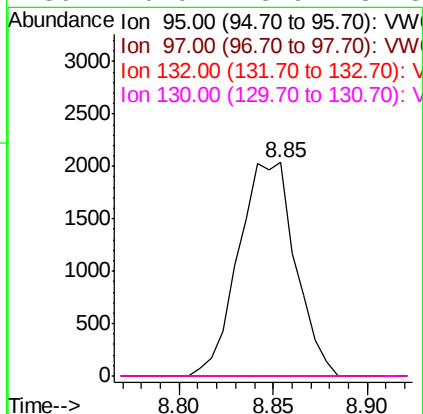
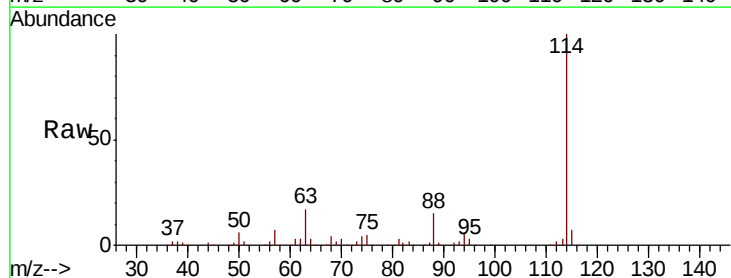
Ion Ratio Lower Upper

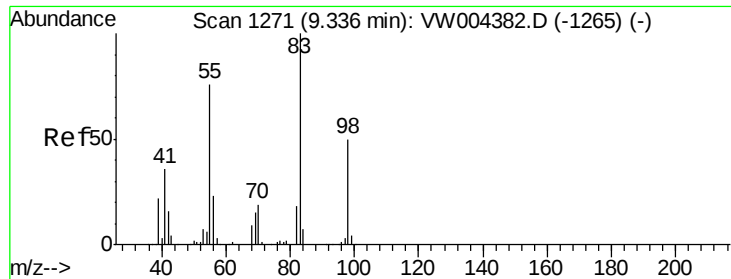
95 100

97 0.0 45.6 84.6#

132 0.0 71.2 132.2#

130 0.0 73.9 137.3#

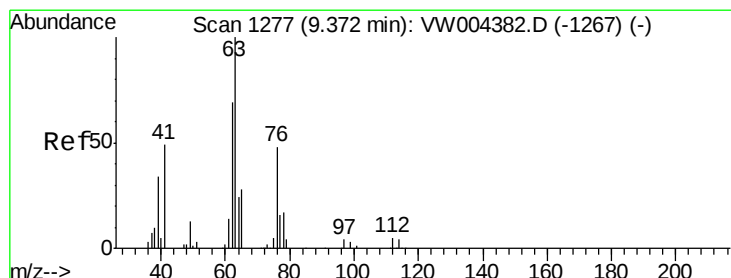
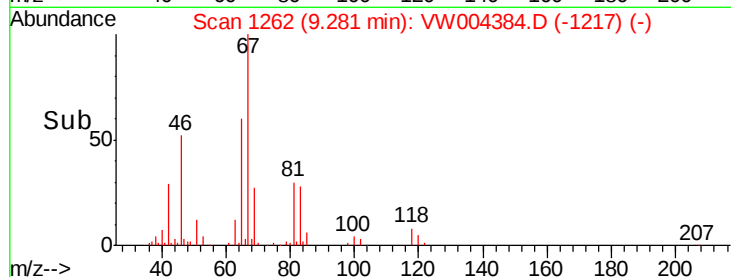
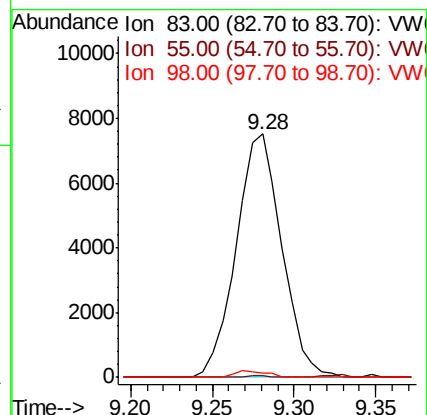
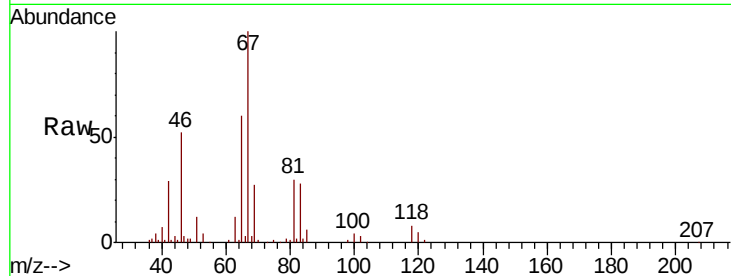




#36
Methylcyclohexane
Concen: 4.516 ug/L
RT: 9.28 min Scan# 1262
Delta R.T. -0.06 min
Lab File: VW004384.D
Acq: 01 Aug 2018 23:06

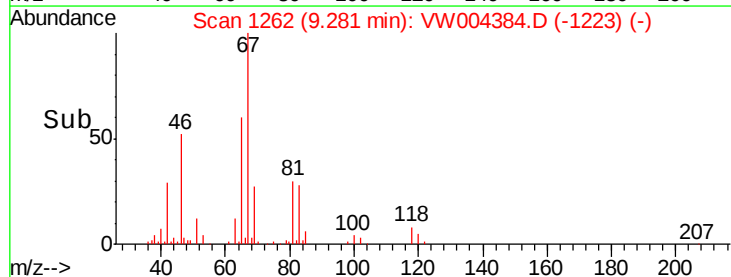
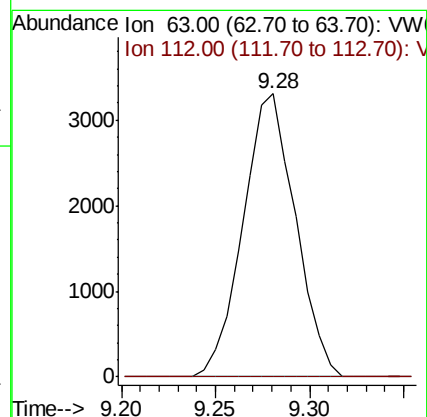
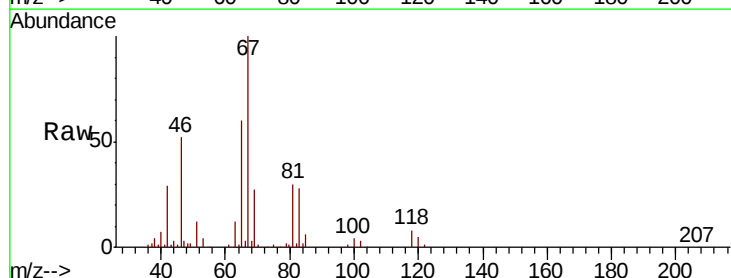
Instrument :
MSVOA_W
ClientSampled :
C0AC8

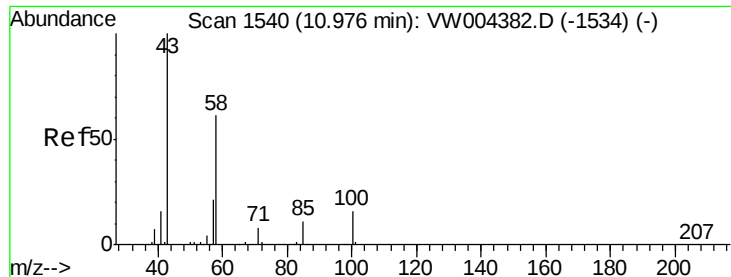
Tot Ion: 83 Resp: 14646
Ion Ratio Lower Upper
83 100
55 0.3 58.2 87.2#
98 1.6 37.7 56.5#



#40
1,2-Dichloropropane
Concen: 3.742 ug/L
RT: 9.28 min Scan# 1262
Delta R.T. -0.09 min
Lab File: VW004384.D
Acq: 01 Aug 2018 23:06

Tgt Ion: 63 Resp: 6375
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#49

2-Hexanone

Concen: 4.085 ug/L

RT: 10.96 min Scan# 1537

Delta R.T. -0.02 min

Lab File: VW004384.D

Acq: 01 Aug 2018 23:06

Instrument :

MSVOA_W

ClientSampleId :

C0AC8

Tot Ion: 43 Resp: 4188

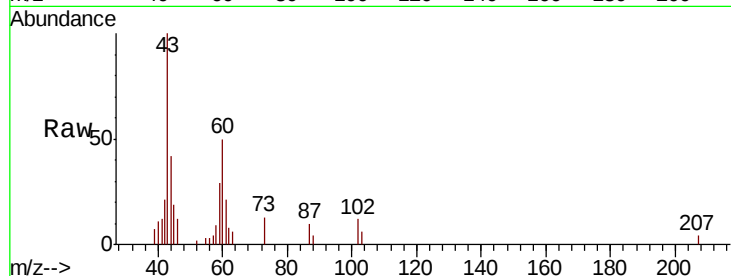
Ion Ratio Lower Upper

43 100

58 4.4 44.0 66.0#

57 1.0 16.0 24.0#

100 0.0 10.7 16.1#

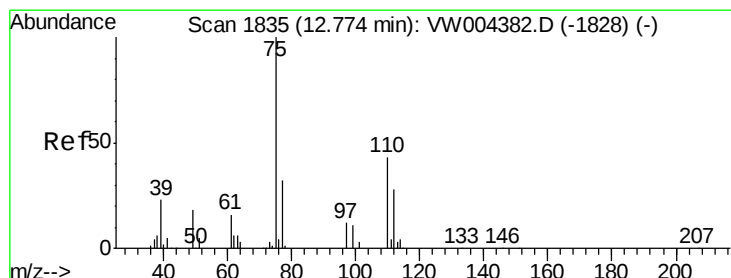
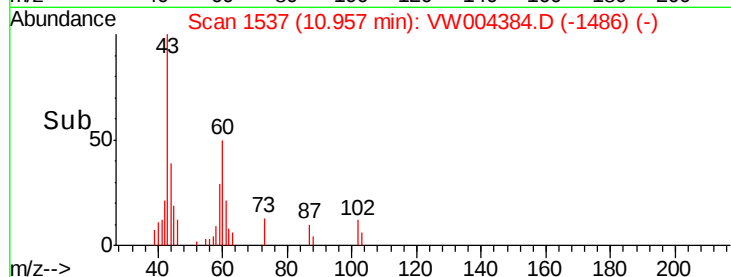
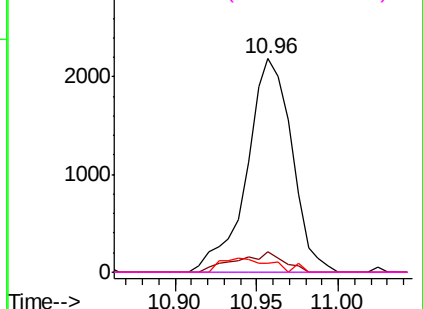


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW



#59

1,2,3-Trichloropropane

Concen: 2.241 ug/L

RT: 13.57 min Scan# 1965

Delta R.T. 0.79 min

Lab File: VW004384.D

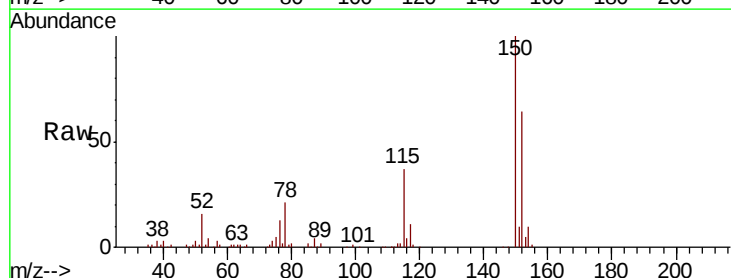
Acq: 01 Aug 2018 23:06

Tgt Ion: 75 Resp: 3328

Ion Ratio Lower Upper

75 100

77 44.6 26.6 40.0#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

