

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
 Data File : VW002806.D
 Acq On : 23 May 2018 01:28
 Operator : JC/SY
 Sample : J3042-06
 Misc : 5.07G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 23 06:56:52 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 23 06:53:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	64776	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	70117	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	31951	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	14692	17.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.72%
7) Chloroethane-d5	2.89	69	13764	18.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.08%
10) 1,1-Dichloroethene-d2	4.00	63	21495	14.77	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.08%
20) 2-Butanone-d5	7.08	46	29981	88.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	176.94%#
24) Chloroform-d	7.65	84	40725	26.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.92%
26) 1,2-Dichloroethane-d4	8.31	65	31408	33.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	134.00%#
29) Benzene-d6	8.28	84	69599	20.87	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.48%
33) 1,2-Dichloropropane-d6	9.28	67	27698	25.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.80%
37) Toluene-d8	10.33	98	62701	19.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.20%
38) trans-1,3-Dichloropropene-	10.59	79	12327	23.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.68%
39) 2-Hexanone-d5	10.93	63	18675	61.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.14%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	36160	30.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	122.44%#
61) 1,2-Dichlorobenzene-d4	13.87	152	29913	25.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.88%

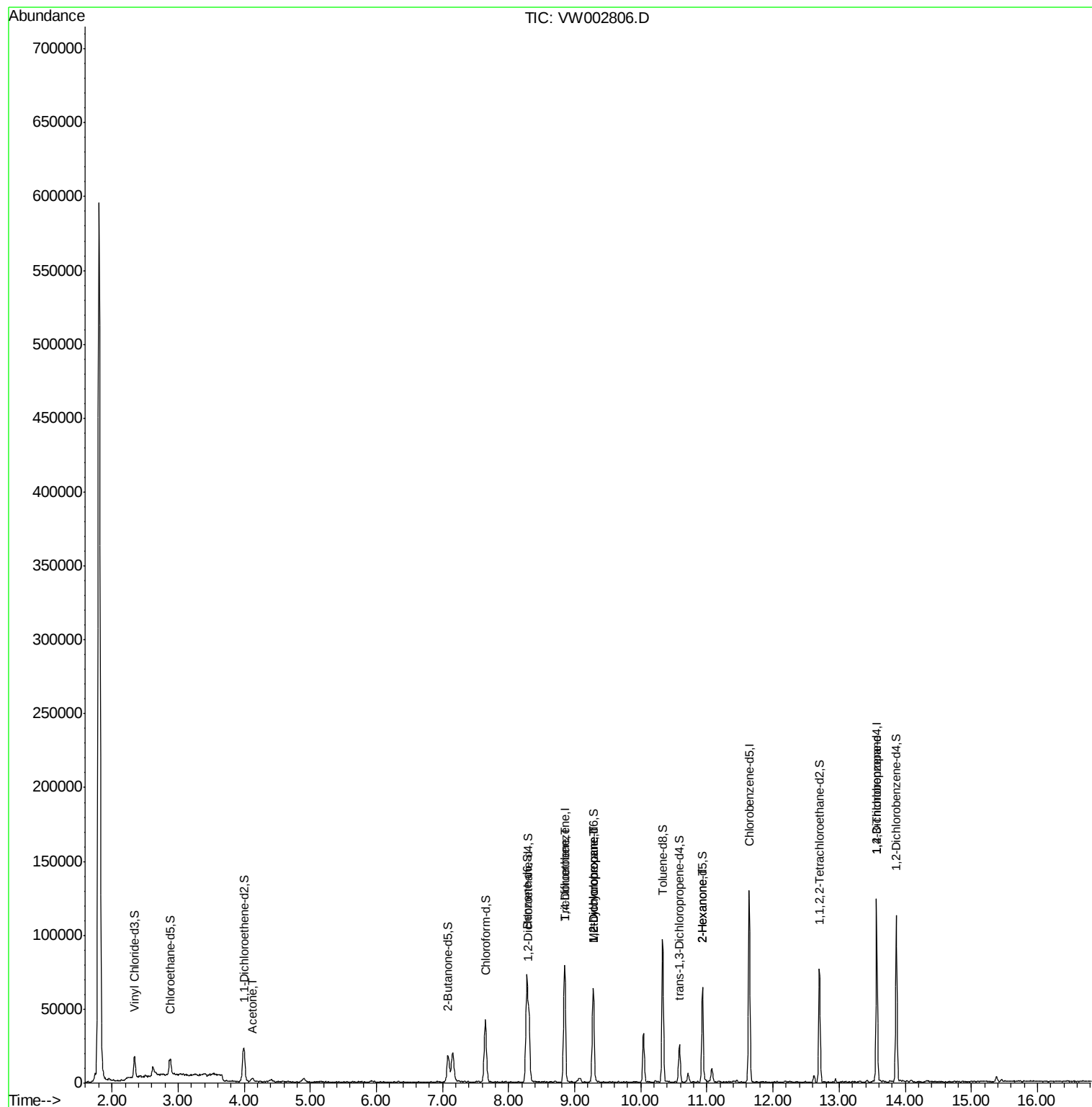
Target Compounds

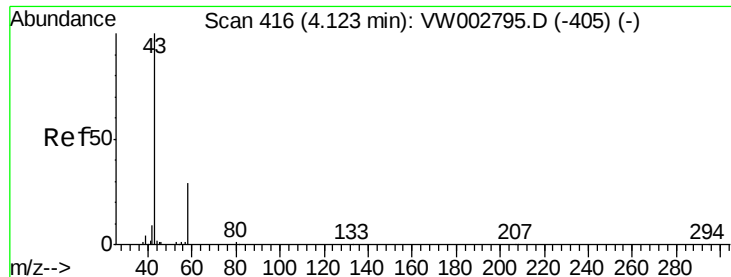
						Qvalue
13) Acetone	4.13	43	2344	7.82	ug/L	99
35) Trichloroethene	8.84	95	2189	2.11	ug/L	# 3
36) Methylcyclohexane	9.28	83	6580	3.83	ug/L	# 20
40) 1,2-Dichloropropane	9.28	63	3309	3.36	ug/L	# 91
49) 2-Hexanone	10.93	43	2589	3.95	ug/L	# 61
59) 1,2,3-Trichloropropane	13.57	75	4085	4.72	ug/L	91

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

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Quant Title : VOC Analysis
QLast Update : Wed May 23 06:53:11 2018
Response via : Initial Calibration





#13

Acetone

Concen: 7.82 ug/L

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

Lab File: VW002806.D

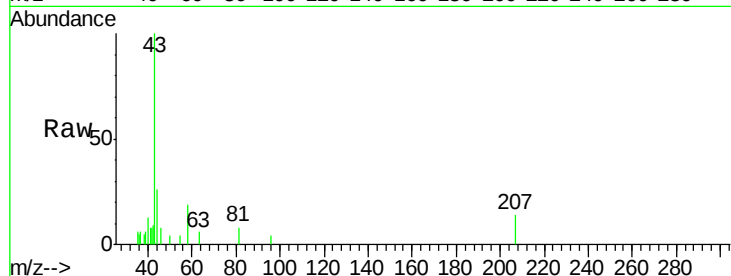
Acq: 23 May 2018 01:28

Tgt Ion: 43 Resp: 2344

Ion Ratio Lower Upper

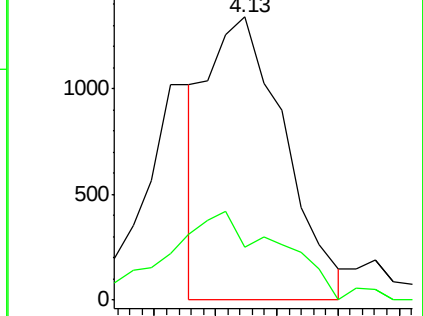
43 100

58 30.5 0.0 59.8

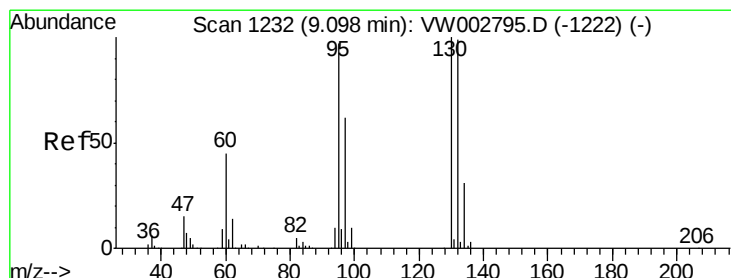
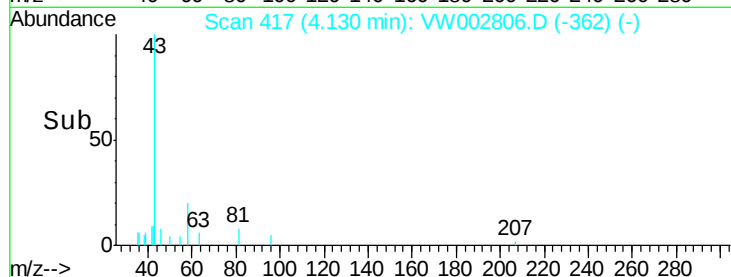


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->



#35

Trichloroethene

Concen: 2.11 ug/L

RT: 8.84 min Scan# 1190

Delta R.T. -0.26 min

Lab File: VW002806.D

Acq: 23 May 2018 01:28

Tgt Ion: 95 Resp: 2189

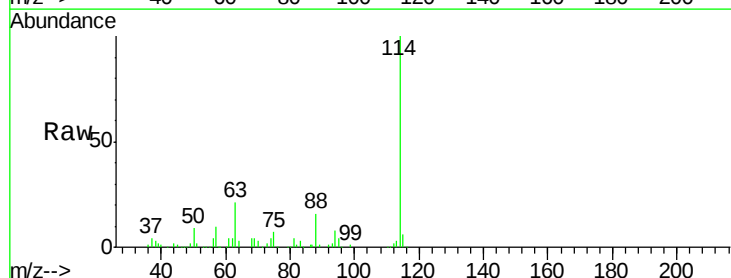
Ion Ratio Lower Upper

95 100

97 0.0 45.3 84.1#

132 0.0 71.4 132.6#

130 0.0 72.5 134.7#

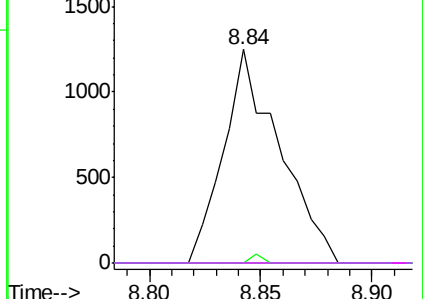


Abundance Ion 95.00 (94.70 to 95.70): VW

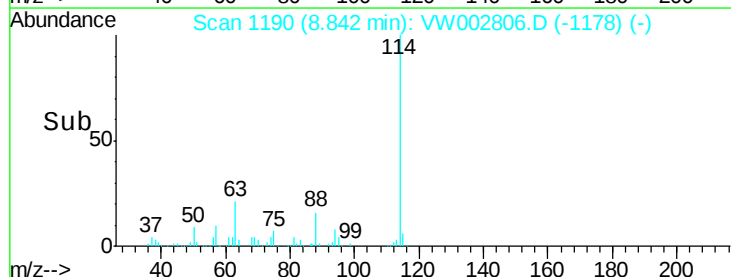
Ion 97.00 (96.70 to 97.70): VW

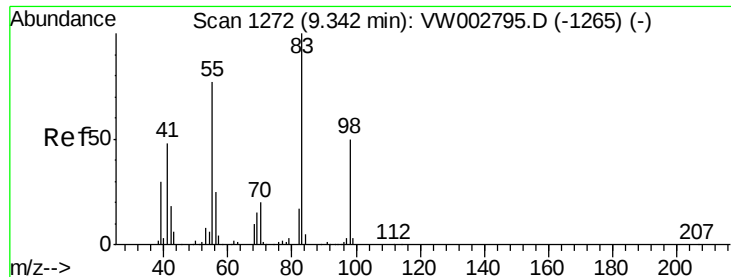
Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



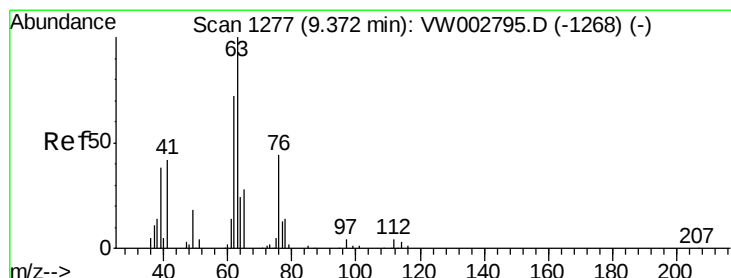
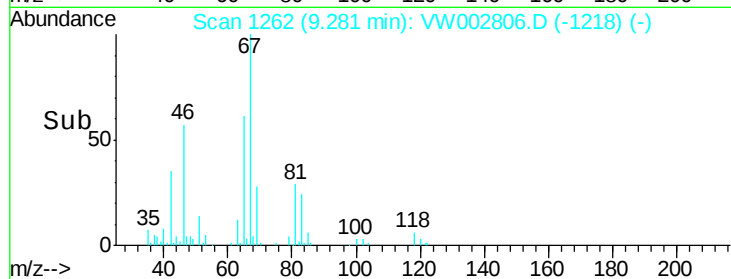
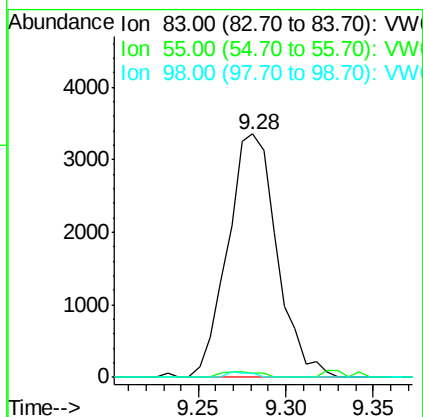
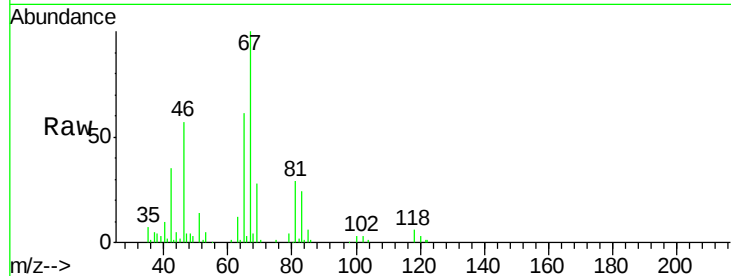
Time-->





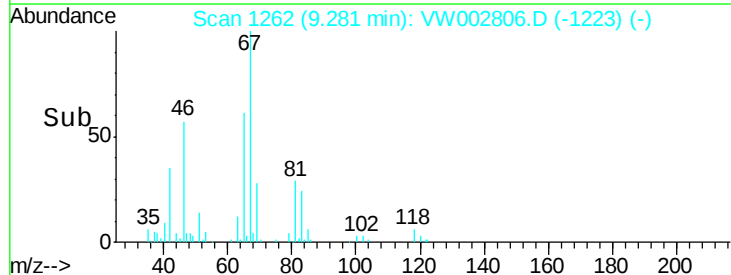
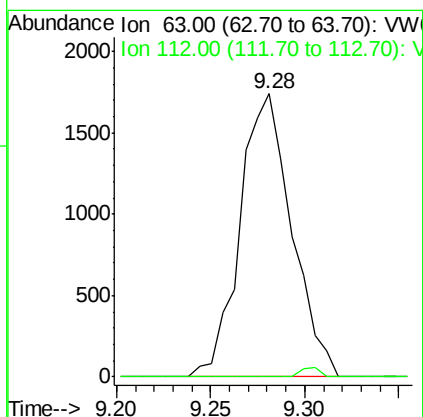
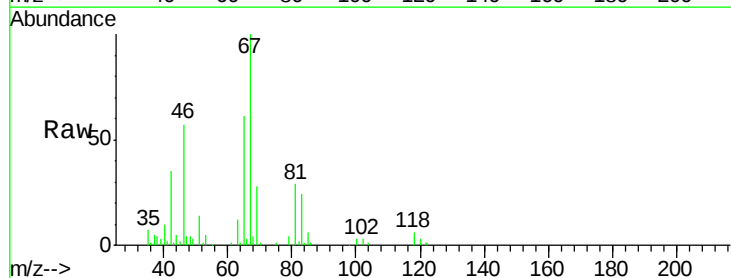
#36
Methylcyclohexane
Concen: 3.83 ug/L
RT: 9.28 min Scan# 1262
Delta R.T. -0.06 min
Lab File: VW002806.D
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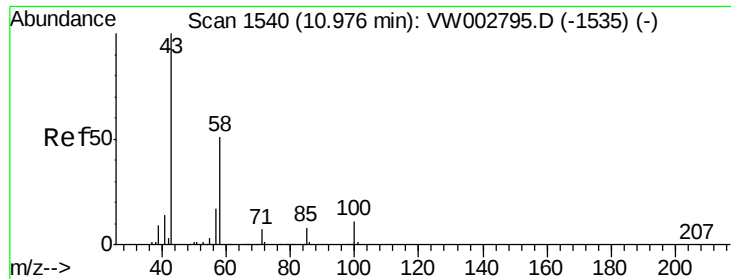
Tgt Ion: 83 Resp: 6580
Ion Ratio Lower Upper
83 100
55 1.8 60.5 90.7#
98 1.1 38.3 57.5#



#40
1,2-Dichloropropane
Concen: 3.36 ug/L
RT: 9.28 min Scan# 1262
Delta R.T. -0.09 min
Lab File: VW002806.D
Acq: 23 May 2018 01:28

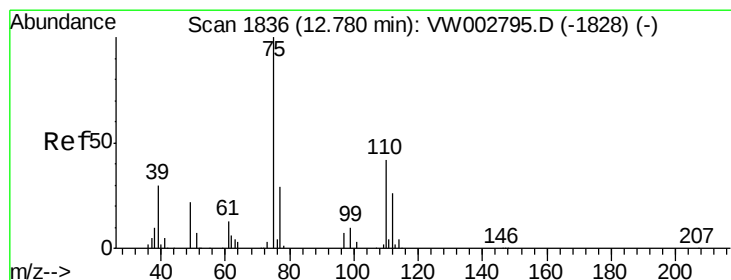
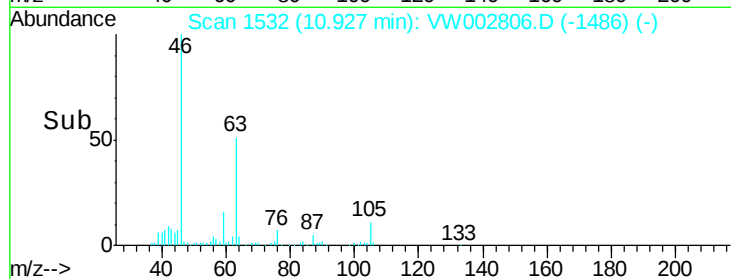
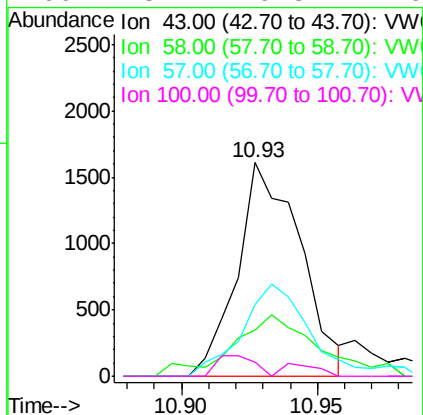
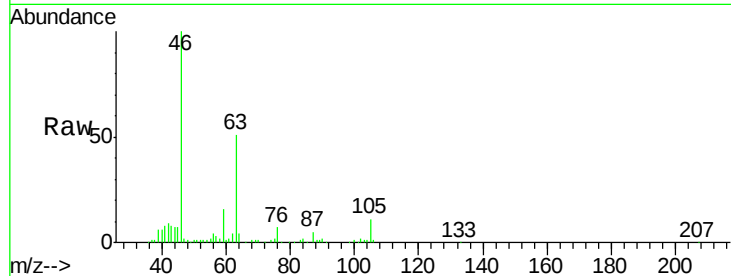
Tgt Ion: 63 Resp: 3309
Ion Ratio Lower Upper
63 100
112 1.1 3.4 5.0#





#49
2-Hexanone
Concen: 3.95 ug/L
RT: 10.93 min Scan# 1532
Delta R.T. -0.05 min
Lab File: VW002806.D
Acq: 23 May 2018 01:28

Tgt Ion: 43 Resp: 2589
Ion Ratio Lower Upper
43 100
58 27.3 42.8 64.2#
57 45.5 15.9 23.9#
100 3.2 9.8 14.6#



#59
1,2,3-Trichloropropane
Concen: 4.72 ug/L
RT: 13.57 min Scan# 1965
Delta R.T. 0.79 min
Lab File: VW002806.D
Acq: 23 May 2018 01:28

Tgt Ion: 75 Resp: 4085
Ion Ratio Lower Upper
75 100
77 37.7 25.9 38.9

