

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080218\
 Data File : VW004412.D
 Acq On : 02 Aug 2018 20:46
 Operator : SY/AP
 Sample : J4209-15
 Misc : 6.48G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AD1RE

Quant Time: Aug 03 04:50:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 02 17:07:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	397721	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	180916	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	20976	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	254304	51.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	205.64%#
7) Chloroethane-d5	2.89	69	224440	53.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	215.72%#
10) 1,1-Dichloroethene-d2	4.01	63	319666	31.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	127.28%#
20) 2-Butanone-d5	7.09	46	83947	38.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.98%
24) Chloroform-d	7.65	84	479408	44.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	178.12%#
26) 1,2-Dichloroethane-d4	8.31	65	237021	39.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	157.92%#
29) Benzene-d6	8.27	84	700948	72.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	291.32%#
33) 1,2-Dichloropropane-d6	9.27	67	286484	91.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	364.32%#
37) Toluene-d8	10.33	98	363944	42.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	171.56%#
38) trans-1,3-Dichloropropene-	10.58	79	35663	27.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	110.28%
39) 2-Hexanone-d5	10.93	63	41792	54.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.16%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	181083	53.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	212.36%#
61) 1,2-Dichlorobenzene-d4	13.86	152	27085	34.38	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	137.52%#

Target Compounds

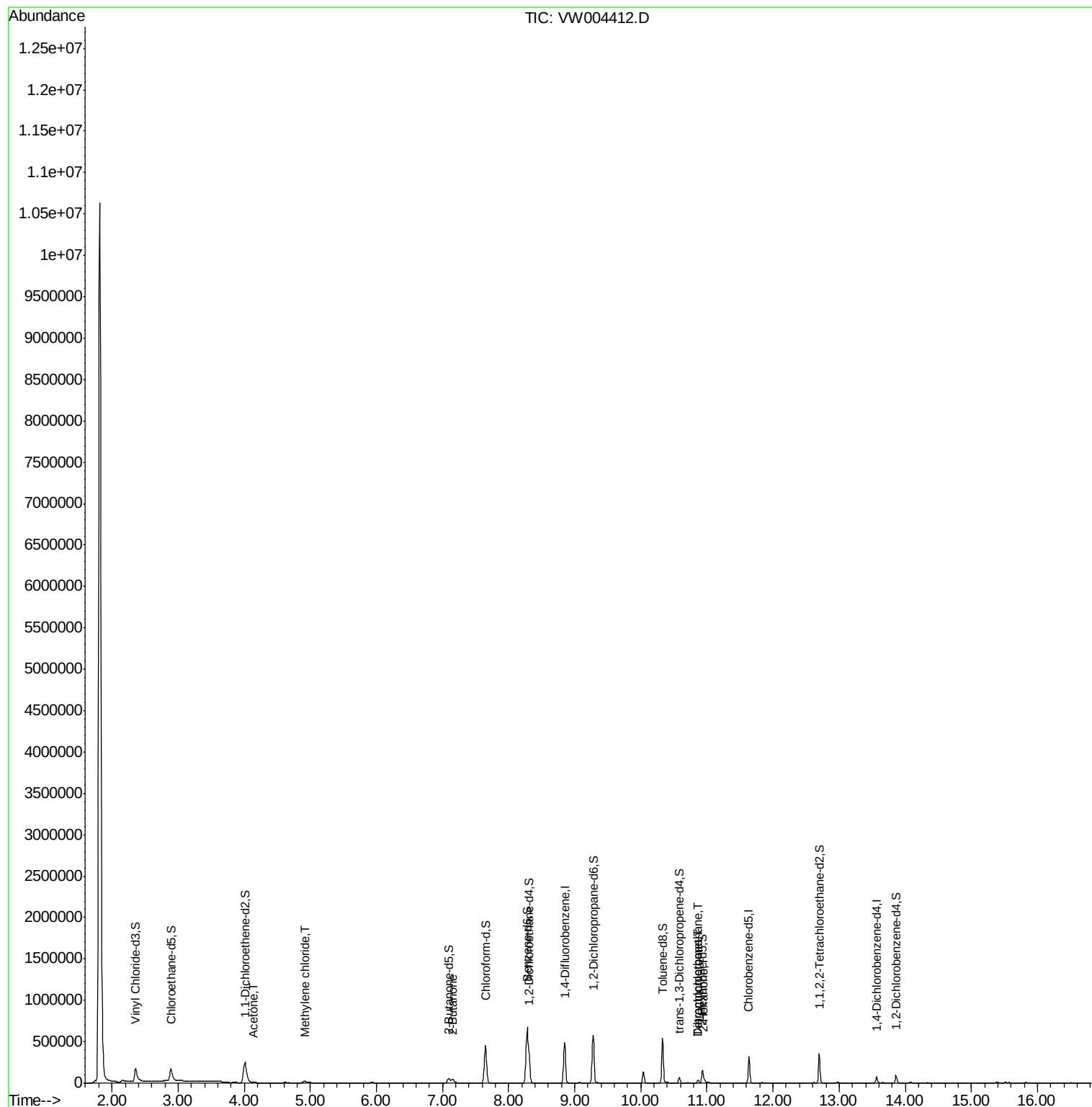
					Ovalue
13) Acetone	4.15	43	4956	2.623 ug/L	73
16) Methylene chloride	4.92	84	18186	2.302 ug/L	94
21) 2-Butanone	7.16	43	49285	19.054 ug/L #	49
47) Tetrachloroethene	10.87	164	6916	3.115 ug/L #	71
49) 2-Hexanone	10.96	43	23255	13.970 ug/L #	39
50) Dibromochloromethane	10.87	129	7235	2.840 ug/L #	11

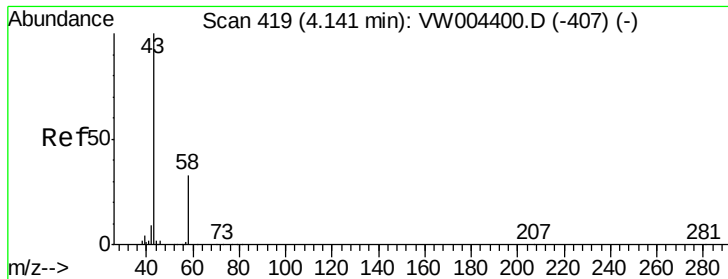
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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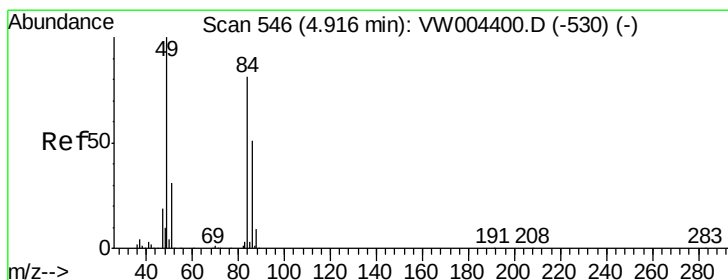
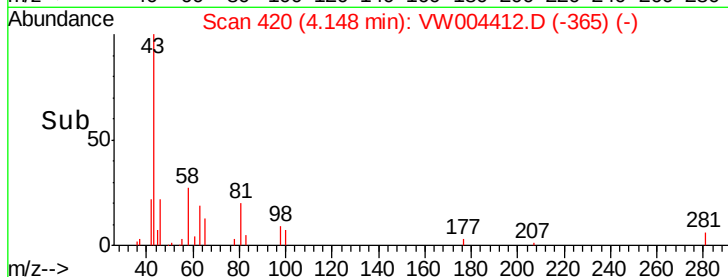
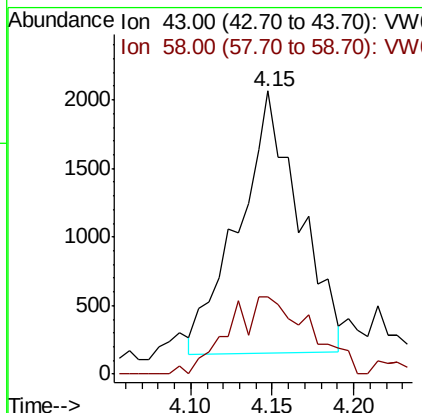
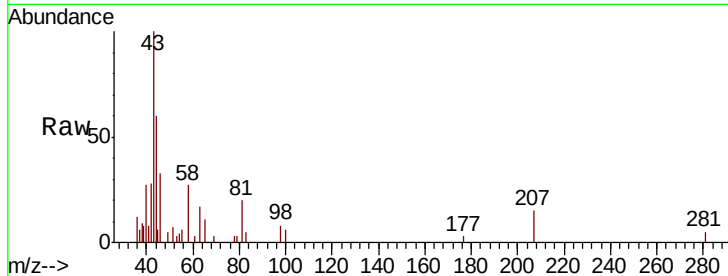




#13
Acetone
Concen: 2.623 ug/L
RT: 4.15 min Scan# 420
Delta R.T. 0.01 min
Lab File: VW004412.D
Acq: 02 Aug 2018 20:46

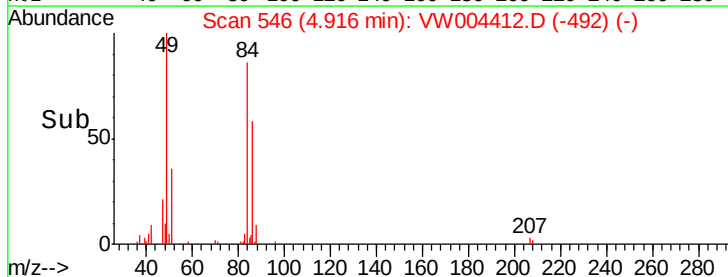
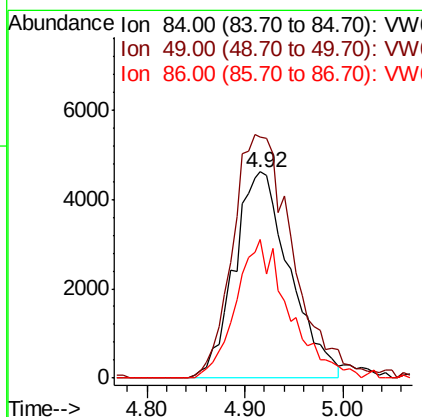
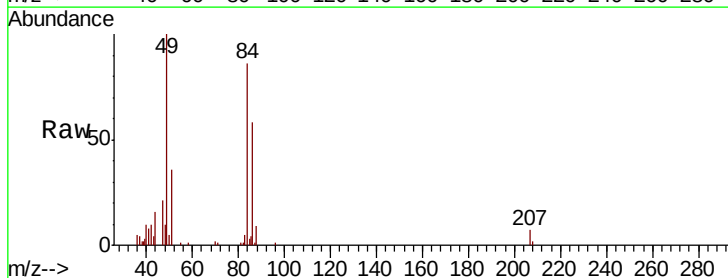
Instrument :
MSVOA_W
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C0AD1RE

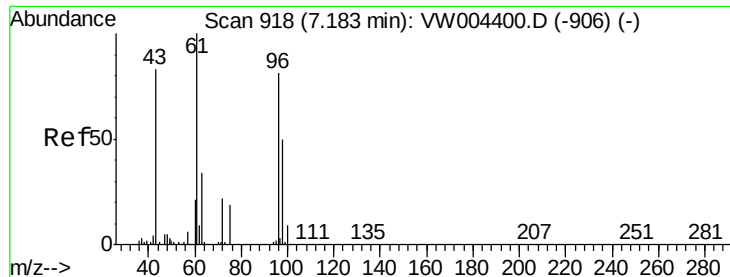
Tot Ion: 43 Resp: 4956
Ion Ratio Lower Upper
43 100
58 17.7 0.0 66.4



#16
Methylene chloride
Concen: 2.302 ug/L
RT: 4.92 min Scan# 546
Delta R.T. 0.00 min
Lab File: VW004412.D
Acq: 02 Aug 2018 20:46

Tgt Ion: 84 Resp: 18186
Ion Ratio Lower Upper
84 100
49 116.8 86.0 159.6
86 67.2 43.5 80.9





#21

2-Butanone

Concen: 19.054 ug/L

RT: 7.16 min Scan# 914

Delta R.T. -0.02 min

Lab File: VW004412.D

Acq: 02 Aug 2018 20:46

Instrument :

MSVOA_W

ClientSampleId :

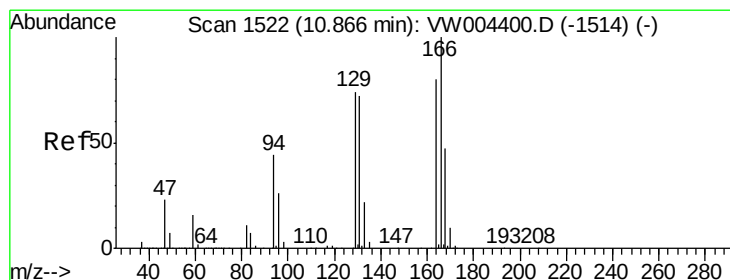
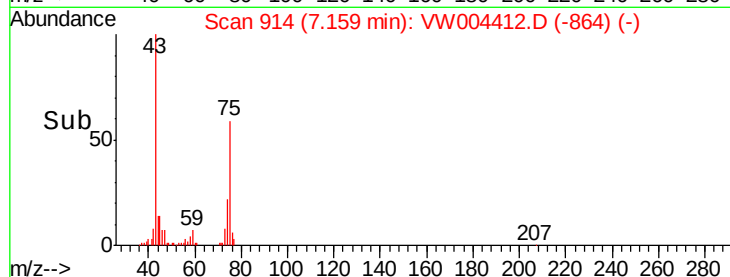
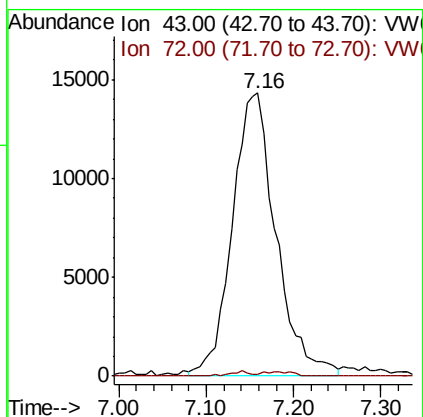
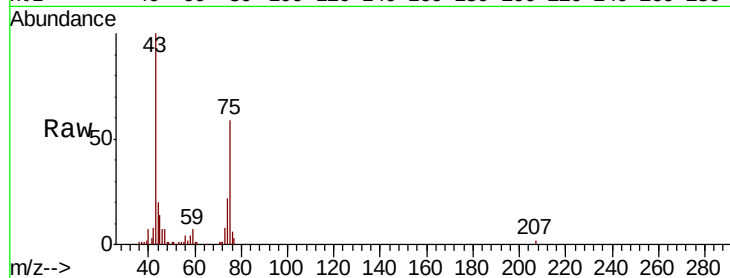
C0AD1RE

Tot Ion: 43 Resp: 49285

Ion Ratio Lower Upper

43 100

72 0.3 13.2 39.6#



#47

Tetrachloroethene

Concen: 3.115 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. 0.00 min

Lab File: VW004412.D

Acq: 02 Aug 2018 20:46

Tgt Ion: 164 Resp: 6916

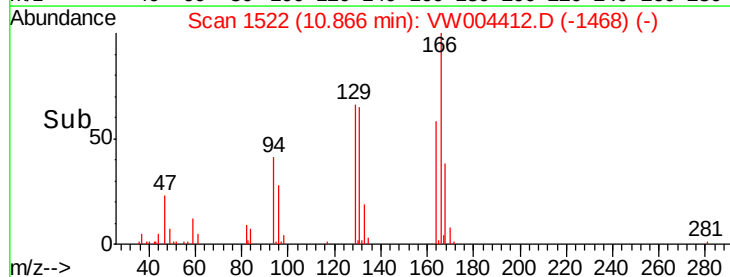
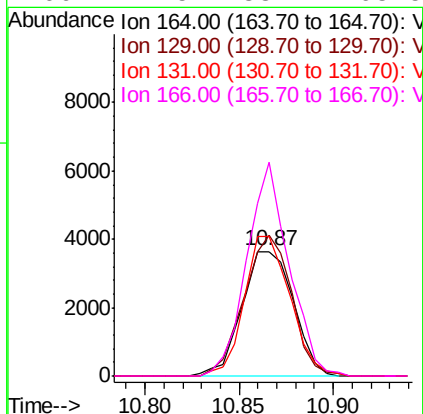
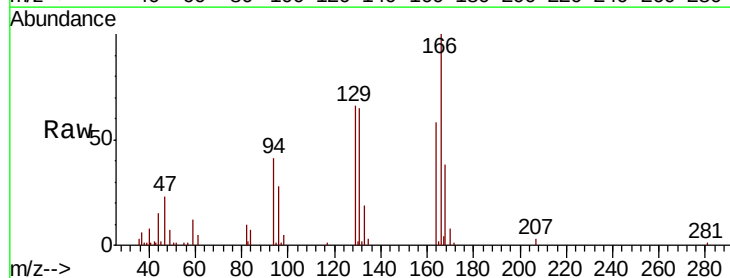
Ion Ratio Lower Upper

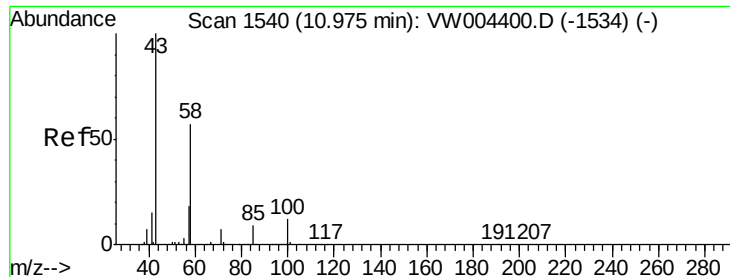
164 100

129 113.4 65.4 121.4

131 112.3 63.8 118.6

166 171.5 88.1 163.5#

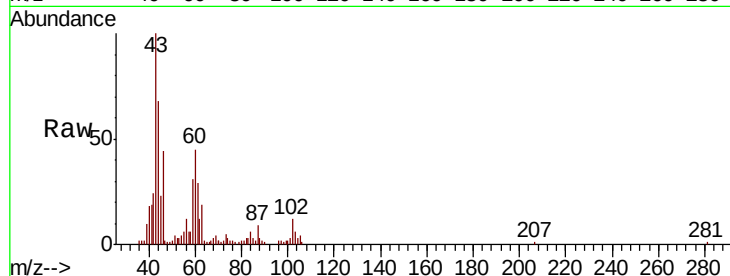




#49
2-Hexanone
Concen: 13.970 ug/L
RT: 10.96 min Scan# 1537
Delta R.T. -0.02 min
Lab File: VW004412.D
Acq: 02 Aug 2018 20:46

Instrument :
MSVOA_W
ClientSampleId :
C0AD1RE

Tot Ion	Ratio	Lower	Upper
43	100		
58	0.4	43.4	65.0#
57	0.0	15.0	22.6#
100	1.1	8.9	13.3#



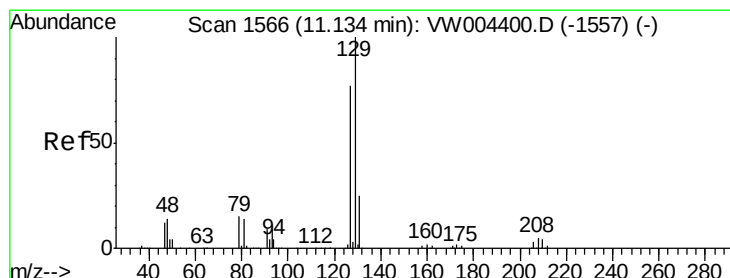
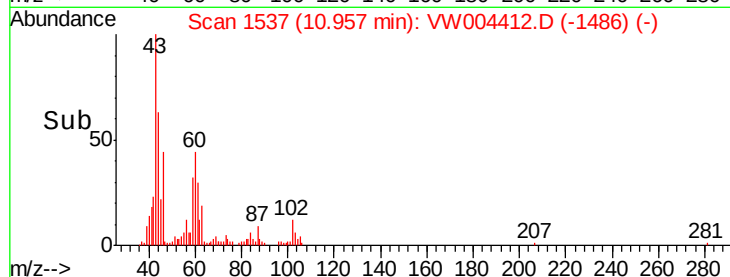
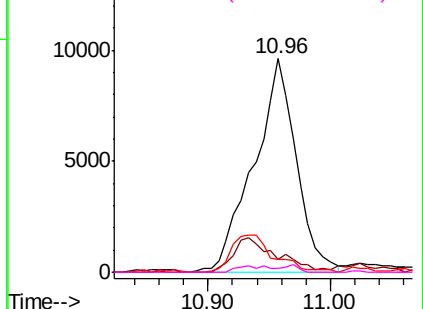
Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

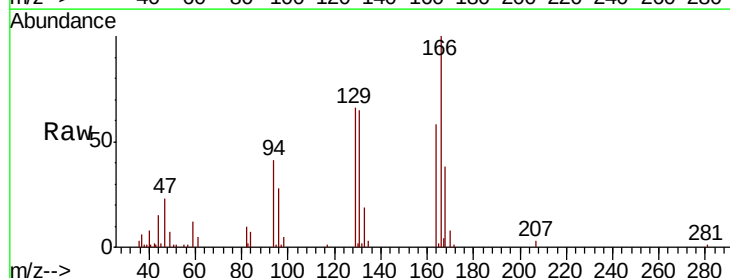
Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW



#50
Dibromochloromethane
Concen: 2.840 ug/L
RT: 10.87 min Scan# 1522
Delta R.T. -0.27 min
Lab File: VW004412.D
Acq: 02 Aug 2018 20:46

Tgt Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.1	100.5#



Abundance

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

