

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009422.D
 Acq On : 25 Mar 2019 12:29
 Operator : SY/VA
 Sample : K2062-18
 Misc : 2.82G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 26 07:50:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 07:46:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	424812	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	397010	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	183717	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	100620	19.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.28%
7) Chloroethane-d5	2.89	69	109111	18.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.48%
10) 1,1-Dichloroethene-d2	4.01	63	165947	15.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.48%
20) 2-Butanone-d5	7.07	46	87484	41.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.34%
24) Chloroform-d	7.64	84	250875	21.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.56%
26) 1,2-Dichloroethane-d4	8.30	65	153007	21.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.64%
29) Benzene-d6	8.27	84	452113	20.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.60%
33) 1,2-Dichloropropane-d6	9.27	67	144322	21.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.80%
37) Toluene-d8	10.32	98	397435	19.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.52%
38) trans-1,3-Dichloropropene-	10.58	79	62597	18.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.80%
39) 2-Hexanone-d5	10.93	63	66393	41.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	139172	21.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.96%
61) 1,2-Dichlorobenzene-d4	13.86	152	161494	22.92	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.68%

Target Compounds

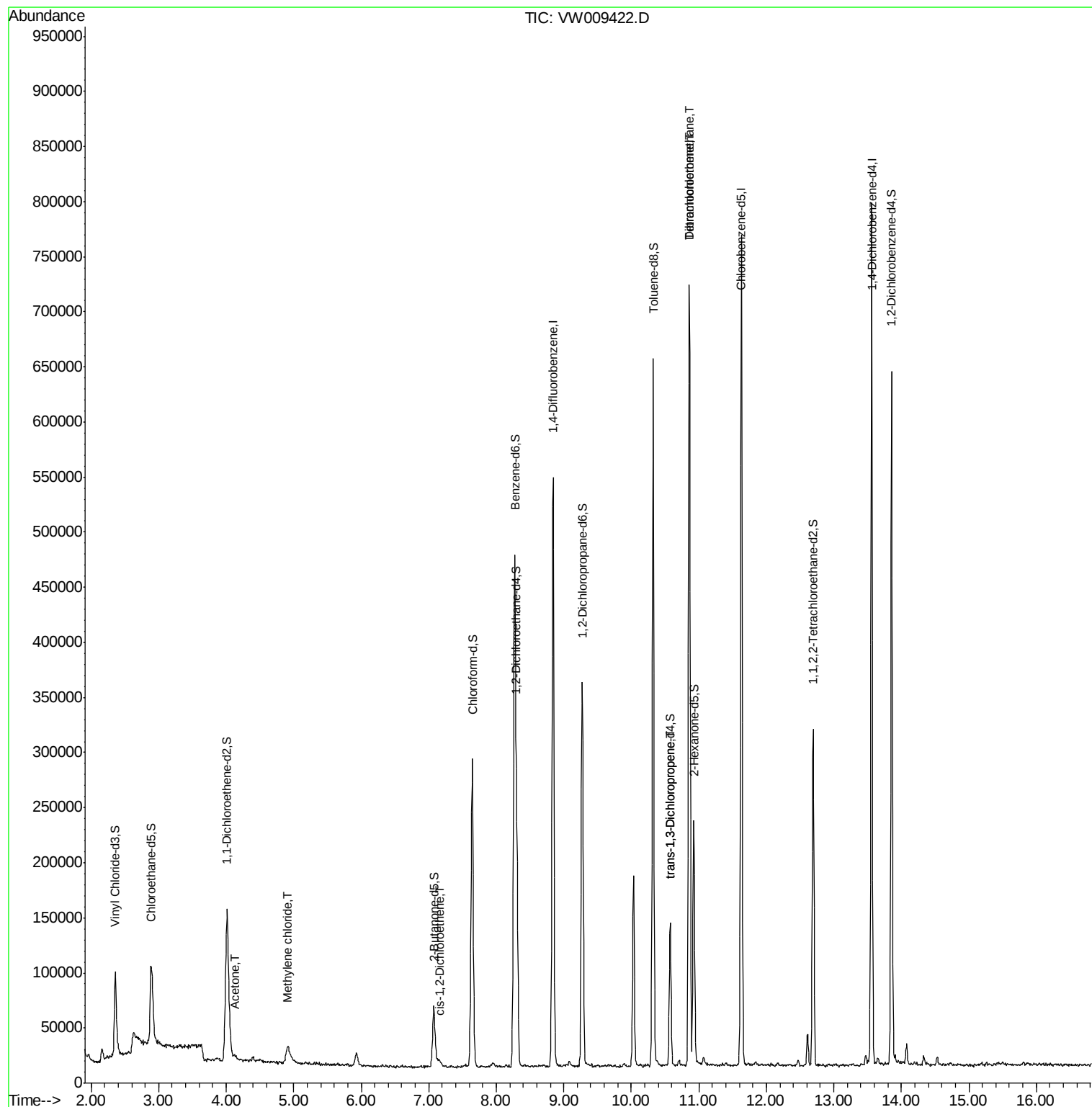
					Ovalue
13) Acetone	4.12	43	5033	2.923 ug/L	88
16) Methylene chloride	4.90	84	6855	1.107 ug/L	84
22) cis-1,2-Dichloroethene	7.17	96	1862	0.313 ug/L #	75
45) trans-1,3-Dichloropropene	10.58	75	3497	0.443 ug/L	89
47) Tetrachloroethene	10.86	164	150673	30.797 ug/L	96
50) Dibromochloromethane	10.86	129	140070	25.506 ug/L #	9

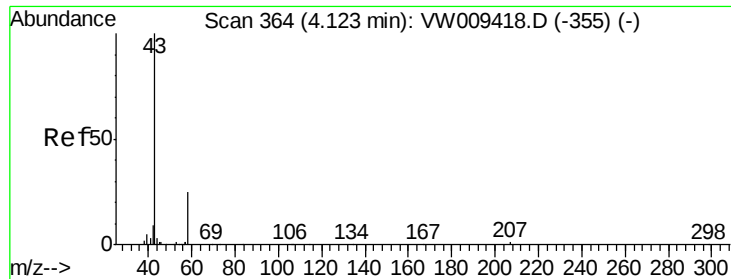
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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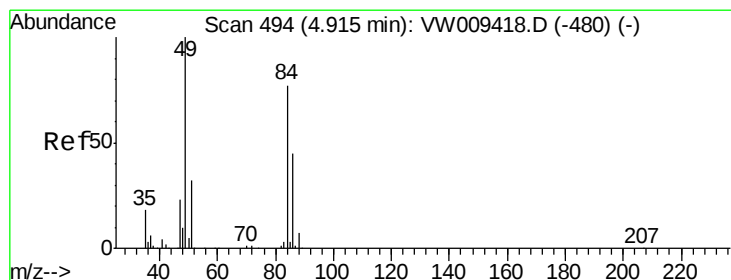
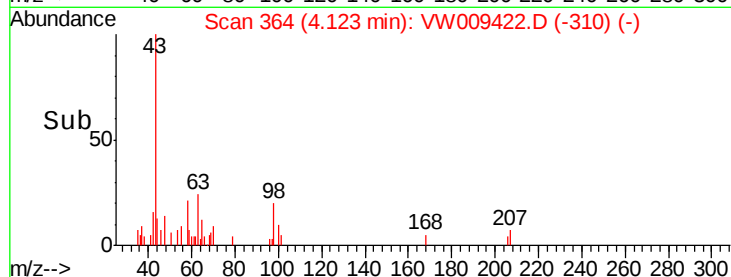
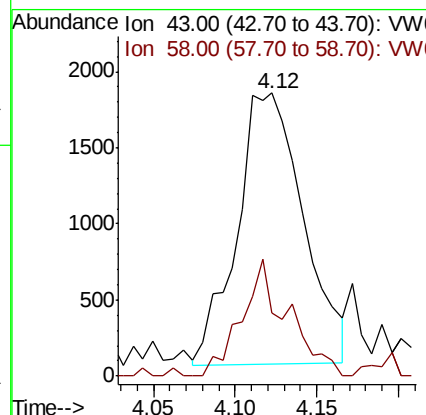
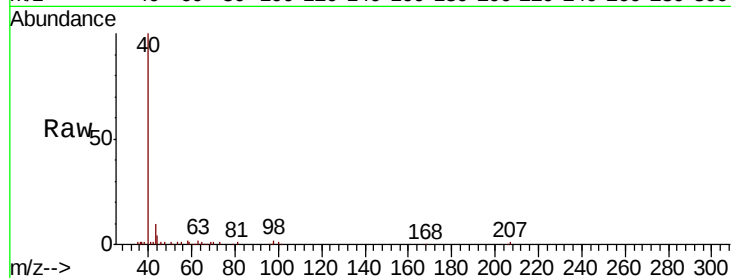




#13
Acetone
Concen: 2.923 ug/L
RT: 4.12 min Scan# 364
Delta R.T. -0.00 min
Lab File: VW009422.D
Acq: 25 Mar 2019 12:29

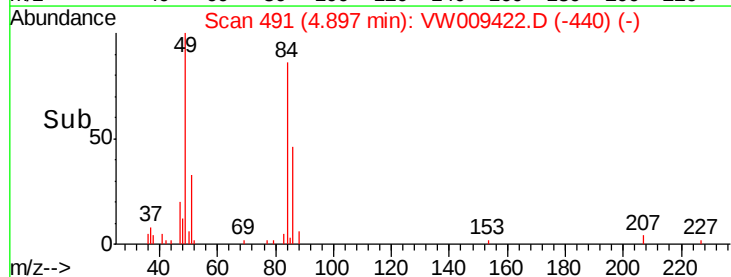
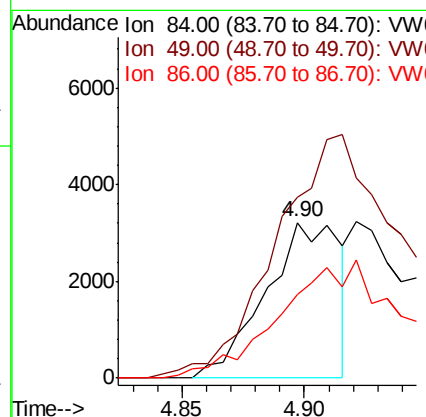
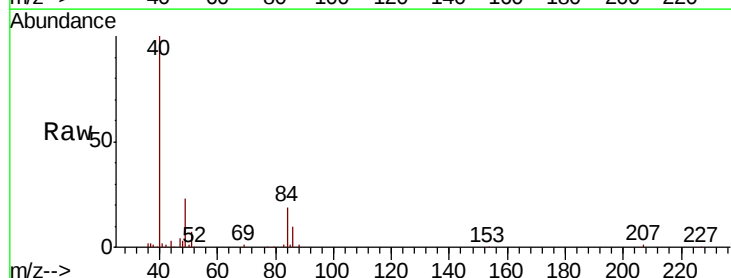
Instrument :
MSVOA_W
ClientSampled :

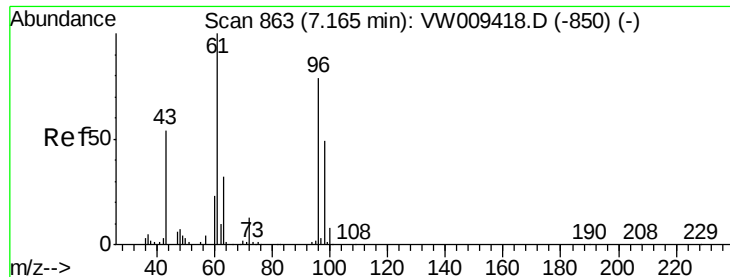
Tot Ion: 43 Resp: 5033
Ion Ratio Lower Upper
43 100
58 21.9 0.0 56.2



#16
Methylene chloride
Concen: 1.107 ug/L
RT: 4.90 min Scan# 491
Delta R.T. -0.02 min
Lab File: VW009422.D
Acq: 25 Mar 2019 12:29

Tgt Ion: 84 Resp: 6855
Ion Ratio Lower Upper
84 100
49 116.0 96.0 178.2
86 53.8 44.4 82.5



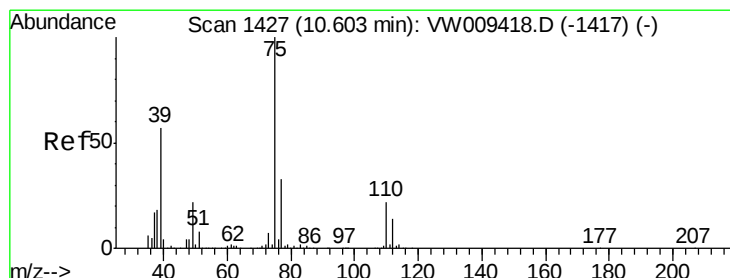
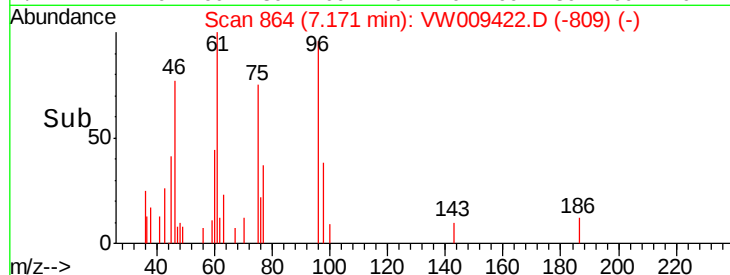
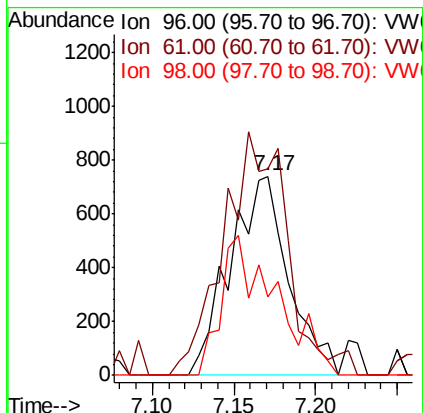
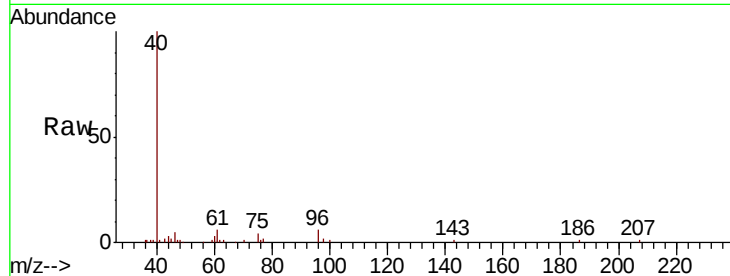


#22

cis-1,2-Dichloroethene
 Concen: 0.313 ug/L
 RT: 7.17 min Scan# 864
 Delta R.T. 0.01 min
 Lab File: VW009422.D
 Acq: 25 Mar 2019 12:29

Instrument :
 MSVOA_W
 ClientSampled :

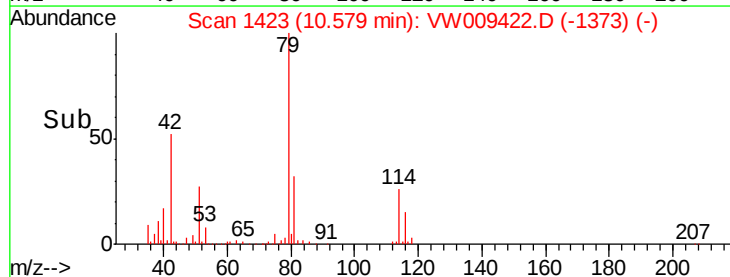
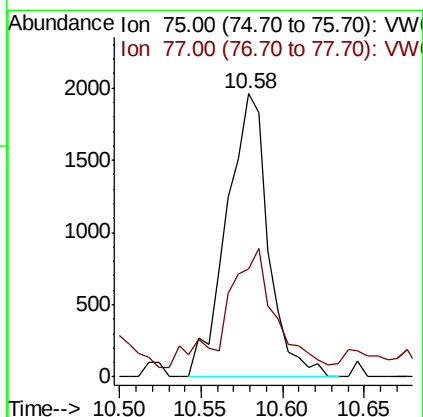
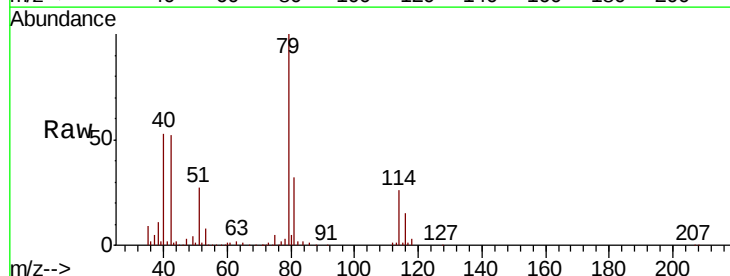
Tot Ion: 96 Resp: 1862
 Ion Ratio Lower Upper
 96 100
 61 103.6 90.6 168.3
 98 39.3 44.0 81.8#

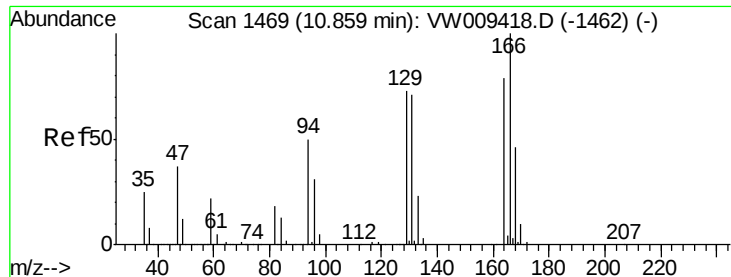


#45

trans-1,3-Dichloropropene
 Concen: 0.443 ug/L
 RT: 10.58 min Scan# 1423
 Delta R.T. -0.02 min
 Lab File: VW009422.D
 Acq: 25 Mar 2019 12:29

Tgt Ion: 75 Resp: 3497
 Ion Ratio Lower Upper
 75 100
 77 38.3 22.5 41.7





#47

Tetrachloroethene

Concen: 30.797 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW009422.D

Acq: 25 Mar 2019 12:29

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:164 Resp: 150673

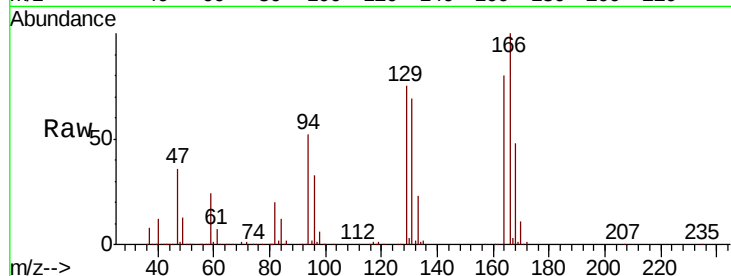
Ion Ratio Lower Upper

164 100

129 93.7 66.5 123.5

131 86.1 62.6 116.3

166 124.6 91.6 170.0

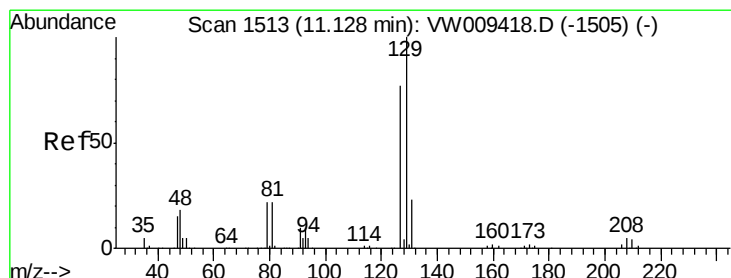
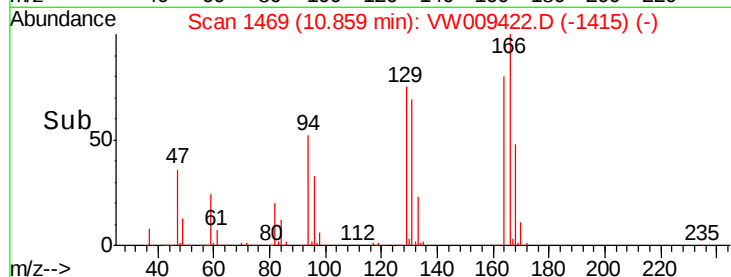
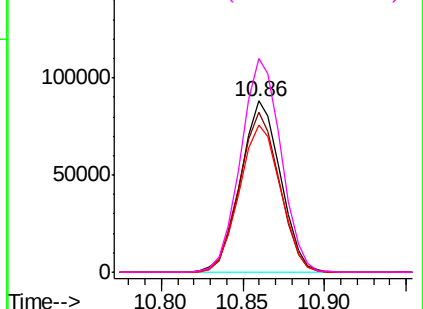


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#50

Dibromochloromethane

Concen: 25.506 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW009422.D

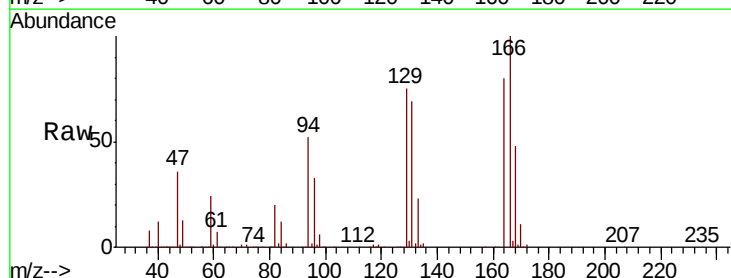
Acq: 25 Mar 2019 12:29

Tgt Ion:129 Resp: 140070

Ion Ratio Lower Upper

129 100

127 0.0 56.8 105.6#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

