

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080118\
 Data File : VW004390.D
 Acq On : 02 Aug 2018 01:41
 Operator : SY/AP
 Sample : J4209-15
 Misc : 7.09G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AD1

Quant Time: Aug 02 05:15:28 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	32736	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	12179	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	1874	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	34677	135.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	543.80%#
7) Chloroethane-d5	2.89	69	31612	125.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	501.84%#
10) 1,1-Dichloroethene-d2	4.02	63	41587	56.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	225.88%#
20) 2-Butanone-d5	0.00	46	0	0.00	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.00%#
24) Chloroform-d	7.65	84	63278	78.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	312.76%#
26) 1,2-Dichloroethane-d4	8.31	65	25343	55.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	223.68%#
29) Benzene-d6	8.28	84	61667	98.04	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	392.16%#
33) 1,2-Dichloropropane-d6	9.28	67	31096	159.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	638.40%#
37) Toluene-d8	10.33	98	31716	52.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	211.12%#
38) trans-1,3-Dichloropropene-	10.59	79	2510	26.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.64%
39) 2-Hexanone-d5	0.00	63	0	0.00	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.00%#
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	17009	83.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	334.28%#
61) 1,2-Dichlorobenzene-d4	13.86	152	2890	40.35	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	161.40%#

Target Compounds

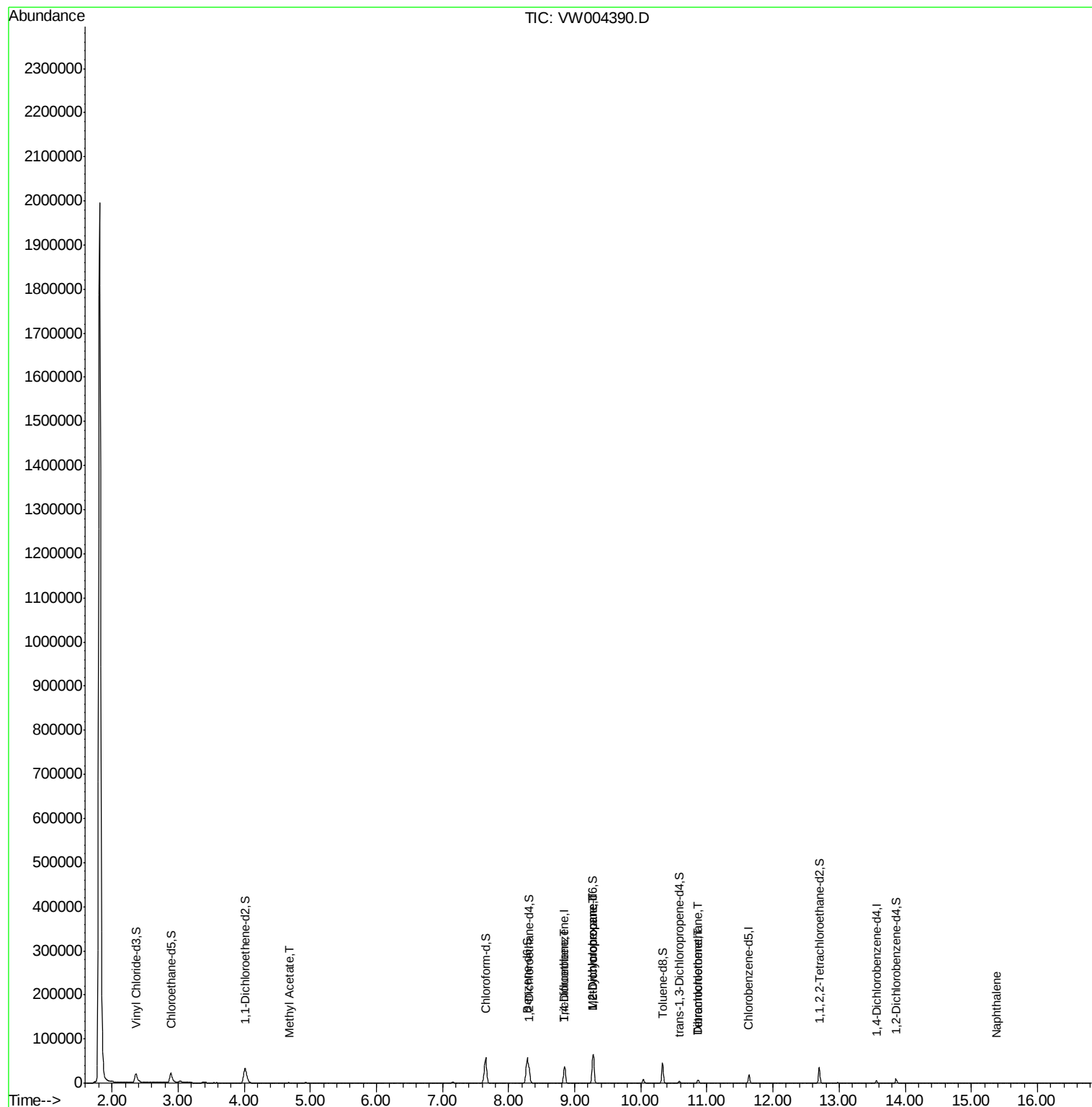
					Ovalue
15) Methyl Acetate	4.68	43	708	2.566 ug/L	98
35) Trichloroethene	8.84	95	1058	5.598 ug/L #	3
36) Methylcyclohexane	9.27	83	8468	25.119 ug/L #	20
40) 1,2-Dichloropropane	9.27	63	3574	20.181 ug/L #	87
47) Tetrachloroethene	10.87	164	1715	10.568 ug/L	95
50) Dibromochloromethane	10.87	129	1663	9.347 ug/L #	10
69) Naphthalene	15.38	128	445	2.419 ug/L #	69

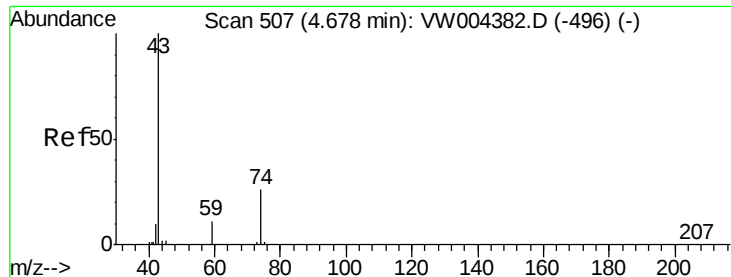
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Aug 02 05:11:26 2018
Response via : Initial Calibration





#15

Methvl Acetate

Concen: 2.566 ug/L

RT: 4.68 min Scan# 508

Delta R.T. 0.01 min

Lab File: VW004390.D

Acq: 02 Aug 2018 01:41

Instrument :

MSVOA_W

ClientSampled :

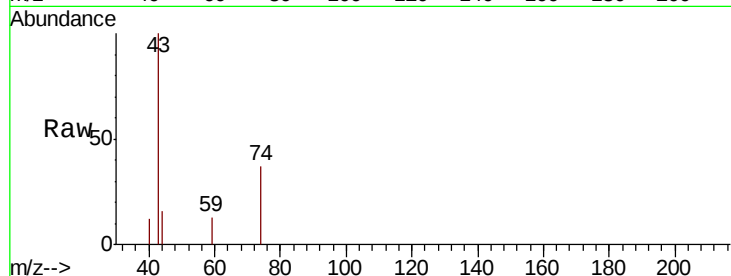
C0AD1

Tot Ion: 43 Resp: 708

Ion Ratio Lower Upper

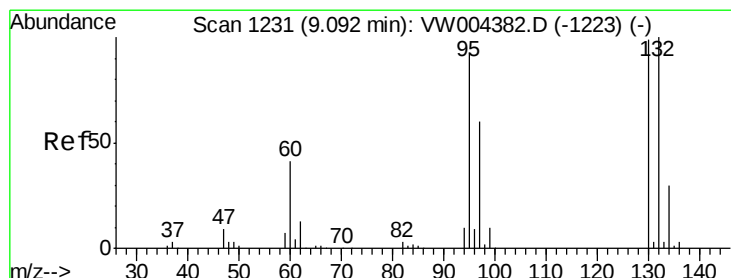
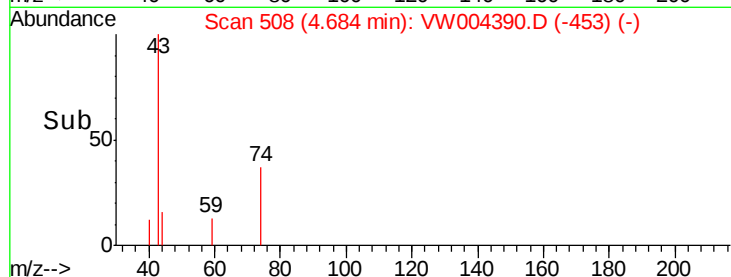
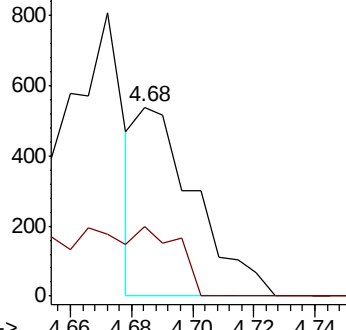
43 100

74 26.7 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



#35

Trichloroethene

Concen: 5.598 ug/L

RT: 8.84 min Scan# 1190

Delta R.T. -0.25 min

Lab File: VW004390.D

Acq: 02 Aug 2018 01:41

Tgt Ion: 95 Resp: 1058

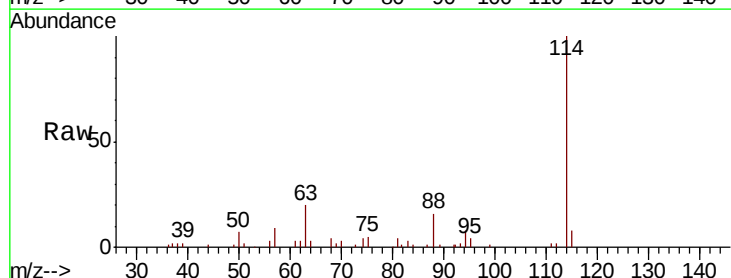
Ion Ratio Lower Upper

95 100

97 0.0 45.6 84.6#

132 0.0 71.2 132.2#

130 0.0 73.9 137.3#

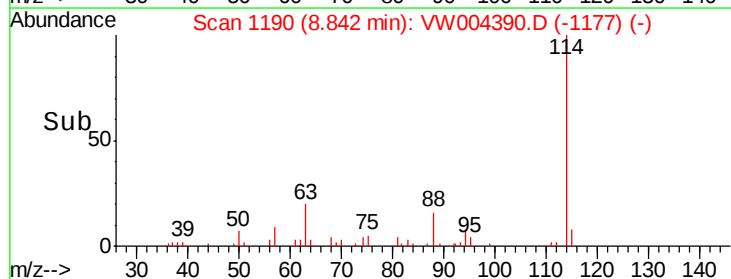
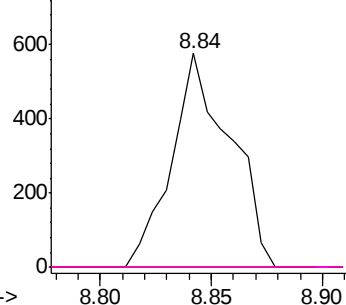


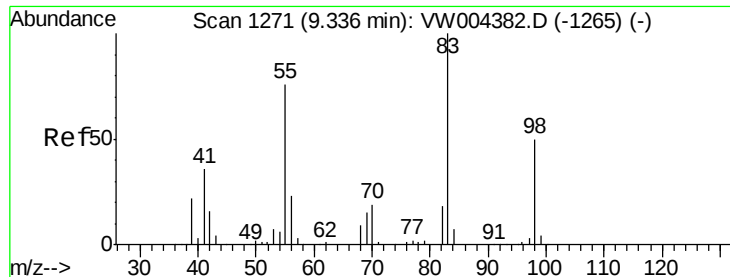
Abundance Ion 95.00 (94.70 to 95.70): VW

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

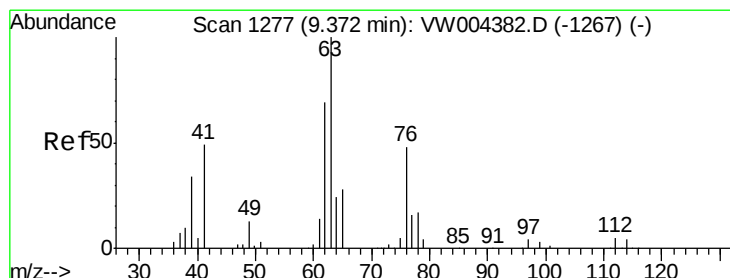
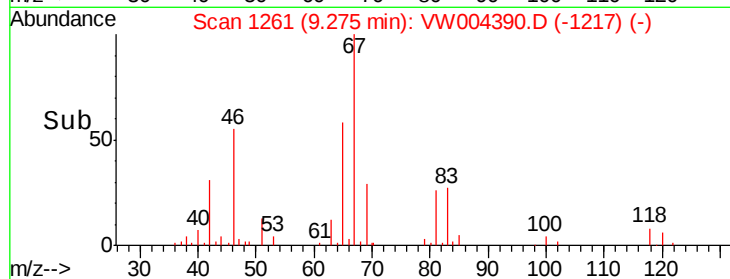
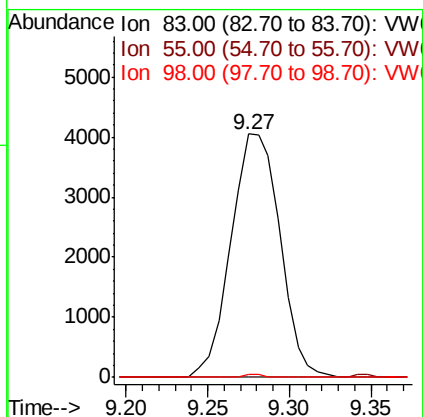
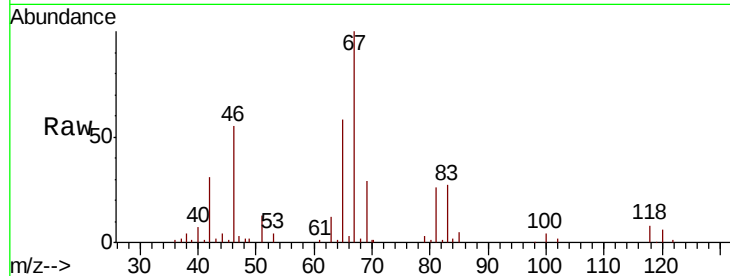




#36
Methvlcvclohexane
Concen: 25.119 ug/L
RT: 9.27 min Scan# 1261
Delta R.T. -0.06 min
Lab File: VW004390.D
Acq: 02 Aug 2018 01:41

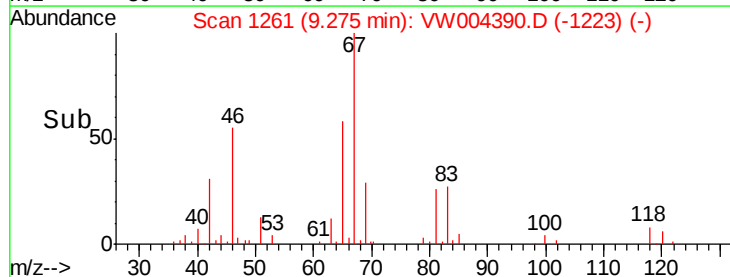
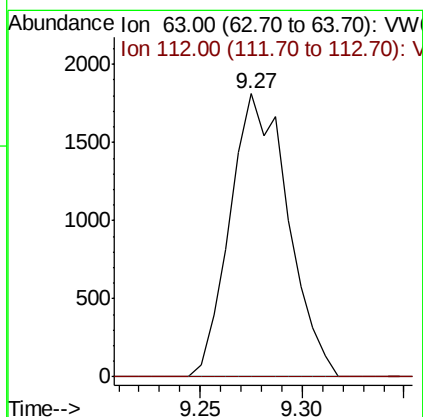
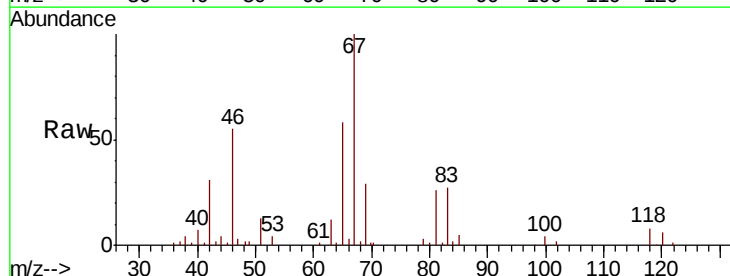
Instrument :
MSVOA_W
ClientSampled :
C0AD1

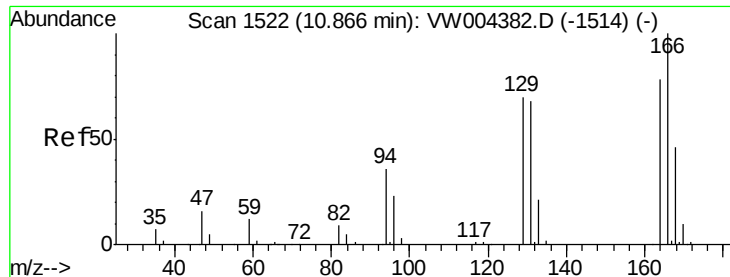
Tot Ion: 83 Resp: 8468
Ion Ratio Lower Upper
83 100
55 0.5 58.2 87.2#
98 0.5 37.7 56.5#



#40
1,2-Dichloropropane
Concen: 20.181 ug/L
RT: 9.27 min Scan# 1261
Delta R.T. -0.10 min
Lab File: VW004390.D
Acq: 02 Aug 2018 01:41

Tgt Ion: 63 Resp: 3574
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#47

Tetrachloroethene

Concen: 10.568 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. 0.00 min

Lab File: VW004390.D

Acq: 02 Aug 2018 01:41

Instrument :

MSVOA_W

ClientSampleId :

C0AD1

Tot Ion:164 Resp: 1715

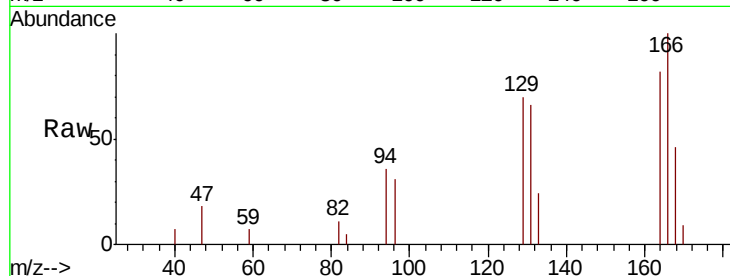
Ion Ratio Lower Upper

164 100

129 85.7 63.7 118.3

131 80.9 61.6 114.4

166 122.7 87.9 163.3

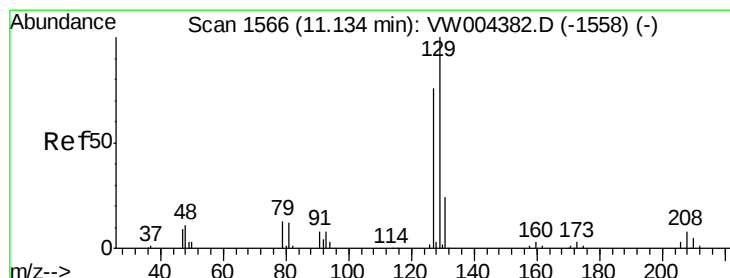
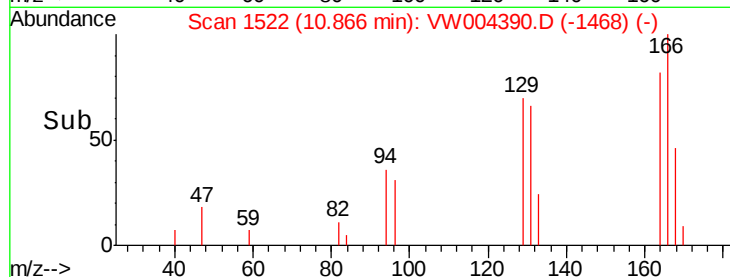
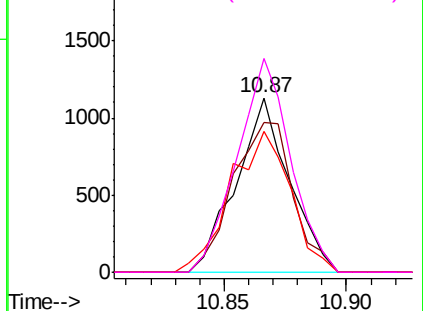


Abundance Ion 164.00 (163.70 to 164.70): V

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: 9.347 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. -0.27 min

Lab File: VW004390.D

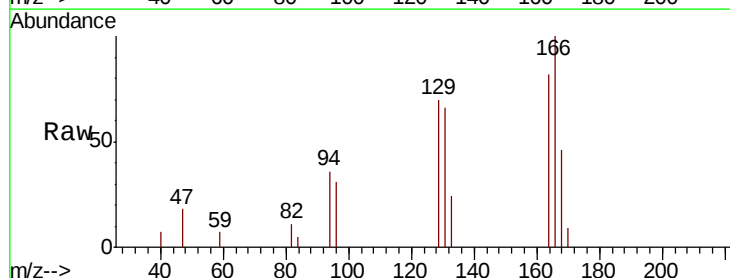
Acq: 02 Aug 2018 01:41

Tgt Ion:129 Resp: 1663

Ion Ratio Lower Upper

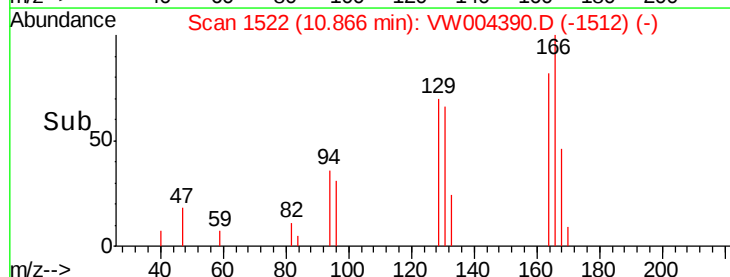
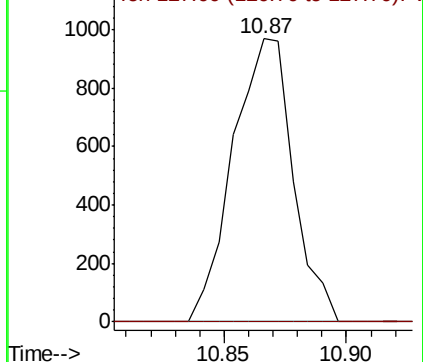
129 100

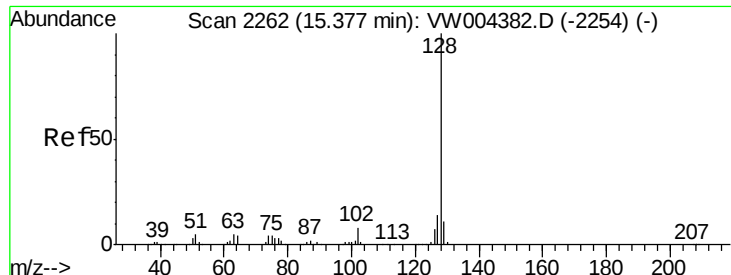
127 0.0 55.6 103.2#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#69

Naphthalene

Concen: 2.419 ug/L

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004390.D

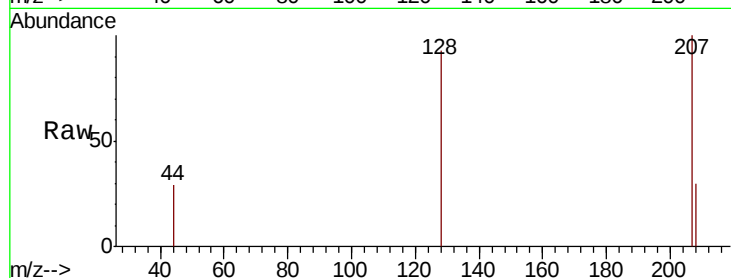
Acq: 02 Aug 2018 01:41

Instrument :

MSVOA_W

ClientSampleId :

C0AD1



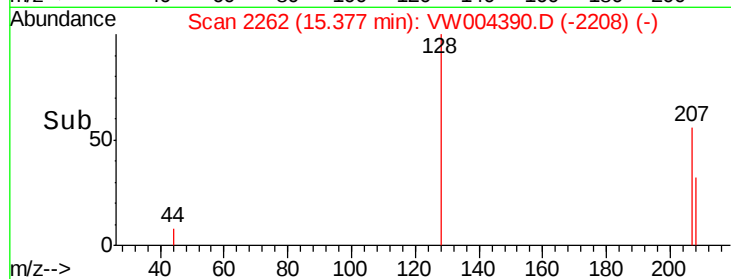
Tot Ion:128 Resp: 445

Ion Ratio Lower Upper

128 100

129 0.0 8.9 13.3#

127 0.0 10.4 15.6#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

