

Data File : VW011188.D
Acq On : 10 Jul 2019 11:43
Operator : SY/VA
Sample : K3724-03MS
Misc : 5.76G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB8T1MS

Quant Time: Jul 11 05:41:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 11 05:38:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	280228	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	248725	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	112632	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	72813	17.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.08%
7) Chloroethane-d5	2.89	69	56241	18.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.92%
10) 1,1-Dichloroethene-d2	4.02	63	187950	20.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.96%
20) 2-Butanone-d5	7.07	46	73011	43.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.64%
24) Chloroform-d	7.65	84	164919	21.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.88%
26) 1,2-Dichloroethane-d4	8.31	65	105273	22.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.04%
29) Benzene-d6	8.27	84	340846	22.24	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.96%
33) 1,2-Dichloropropane-d6	9.27	67	114729	22.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.96%
37) Toluene-d8	10.32	98	298688	21.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.48%
38) trans-1,3-Dichloropropene-	10.58	79	44067	20.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.08%
39) 2-Hexanone-d5	10.93	63	47267	41.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	91808	22.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	100470	23.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.96%

Target Compounds

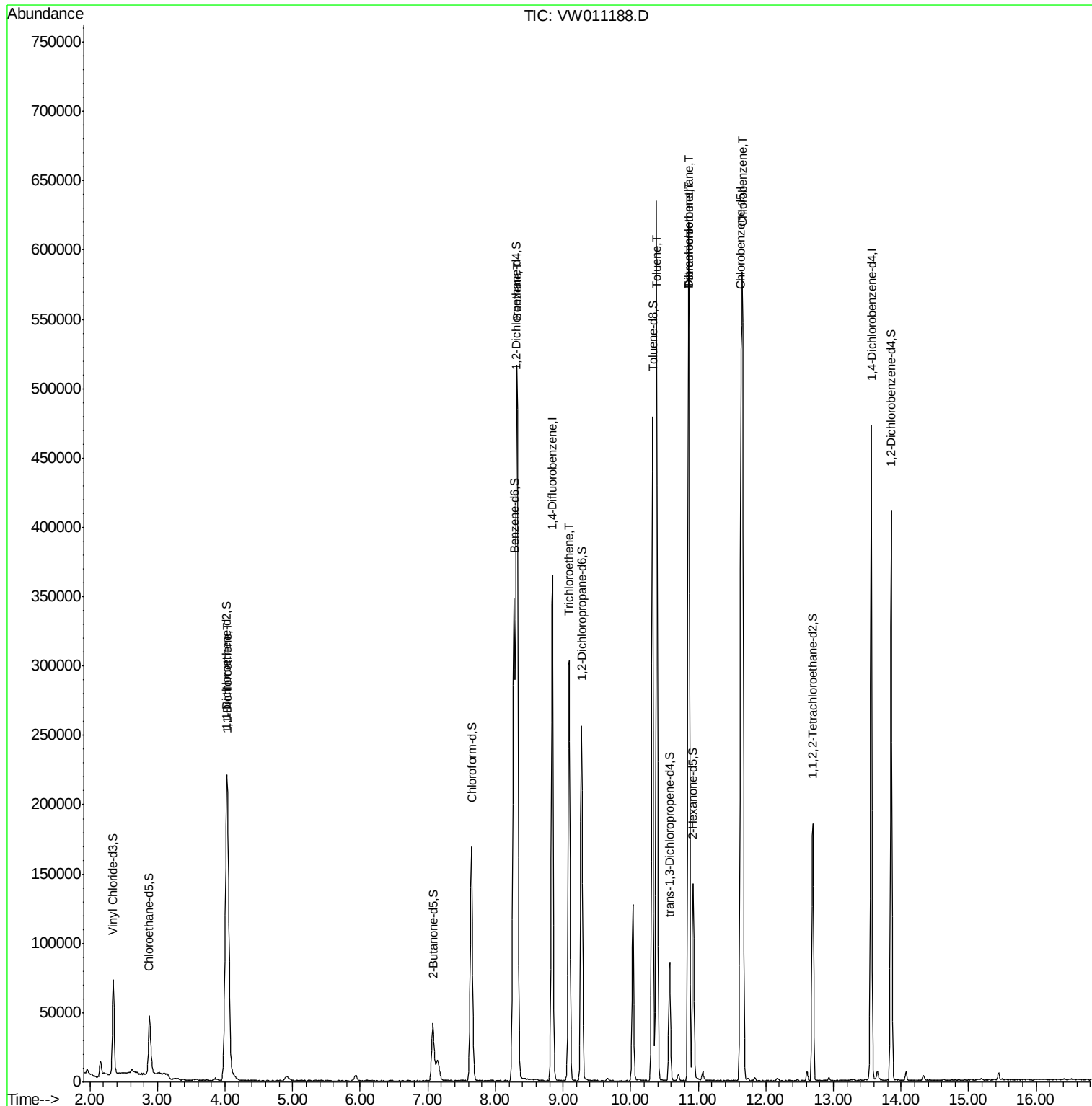
					Qvalue
12) 1,1-Dichloroethene	4.04	96	91111	24.741 ug/L #	76
34) Benzene	8.32	78	419544	26.989 ug/L	100
35) Trichloroethene	9.09	95	107664	27.446 ug/L	99
44) Toluene	10.38	91	434664	27.015 ug/L	100
47) Tetrachloroethene	10.86	164	133479	45.023 ug/L	97
50) Dibromochloromethane	10.86	129	127525	40.598 ug/L #	11
52) Chlorobenzene	11.66	112	261970	26.650 ug/L	98

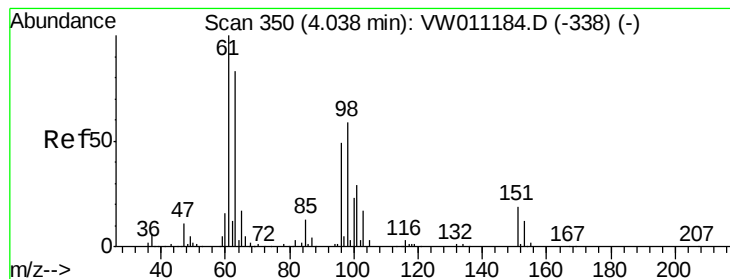
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 24.741 ug/L

RT: 4.04 min Scan# 350

Delta R.T. 0.00 min

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Acq: 10 Jul 2019 11:43

Instrument :

MSVOA_W

ClientSampleId :

DB8T1MS

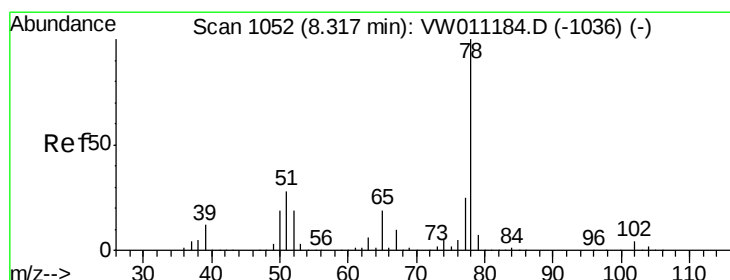
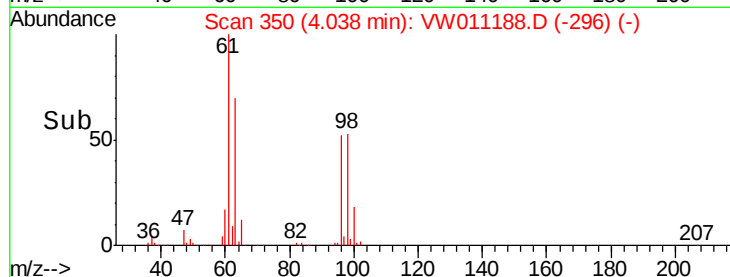
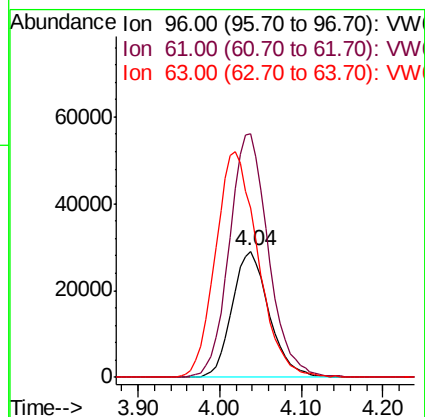
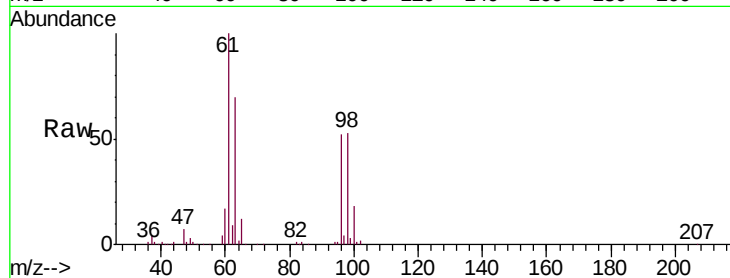
Tgt Ion: 96 Resp: 91111

Ion Ratio Lower Upper

96 100

61 193.0 142.2 264.0

63 134.5 138.9 257.9#



#34

Benzene

Concen: 26.989 ug/L

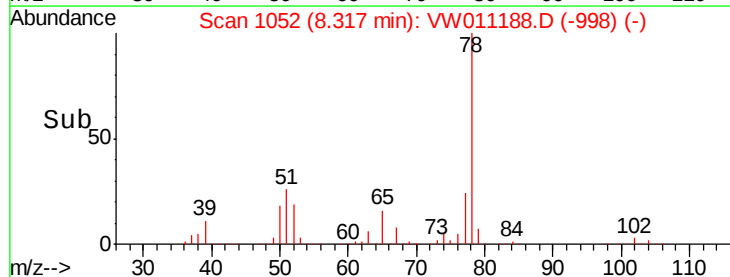
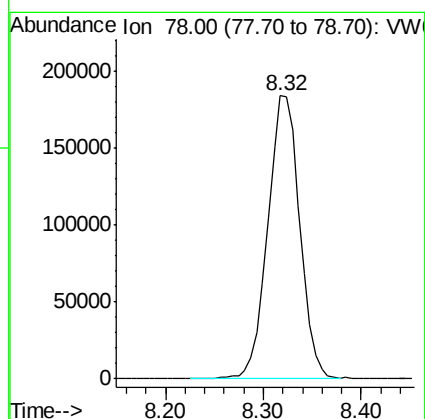
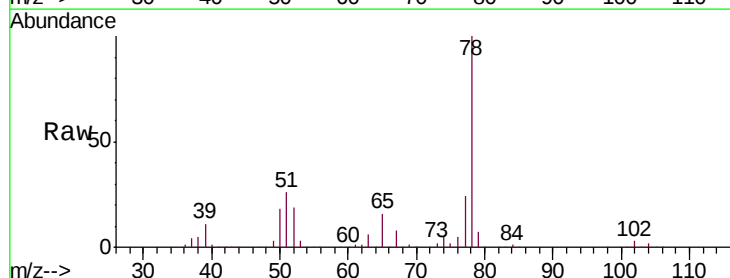
RT: 8.32 min Scan# 1052

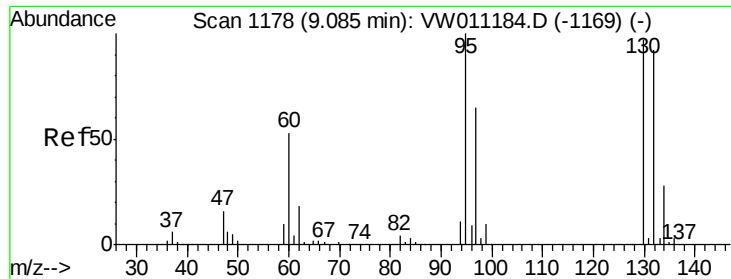
Delta R.T. 0.00 min

Lab File: VW011188.D

Acq: 10 Jul 2019 11:43

Tgt Ion: 78 Resp: 419544





#35

Trichloroethene

Concen: 27.446 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VW011188.D

Acq: 10 Jul 2019 11:43

Instrument :

MSVOA_W

ClientSampleId :

DB8T1MS

Tgt Ion: 95 Resp: 107664

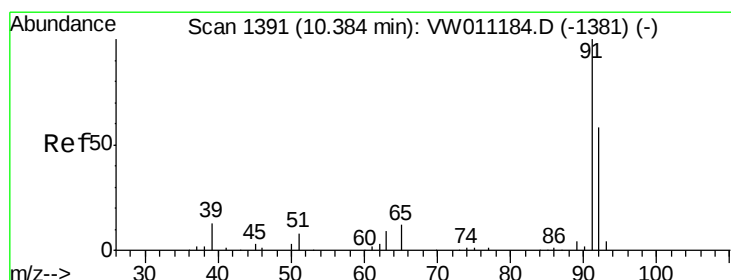
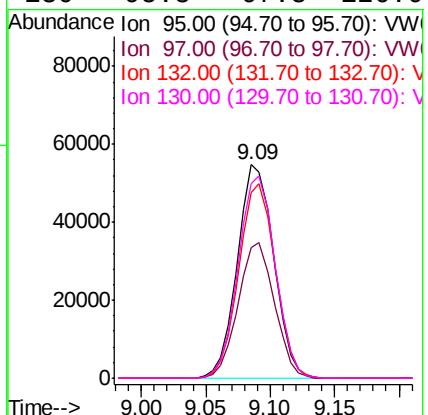
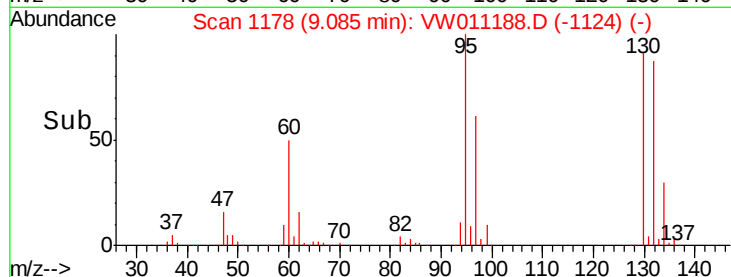
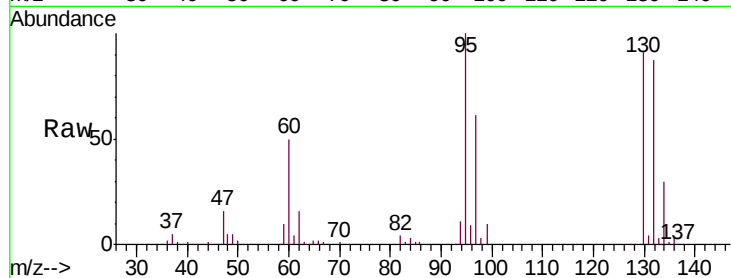
Ion Ratio Lower Upper

95 100

97 63.2 45.4 84.2

132 91.5 65.0 120.8

130 95.8 67.8 126.0



#44

Toluene

Concen: 27.015 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW011188.D

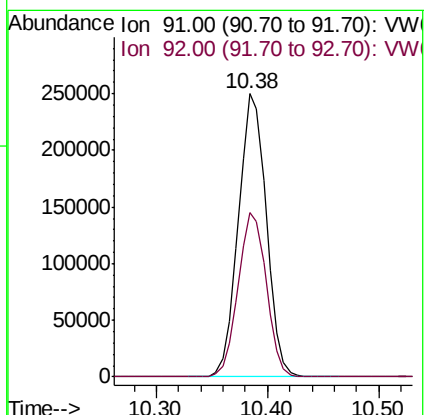
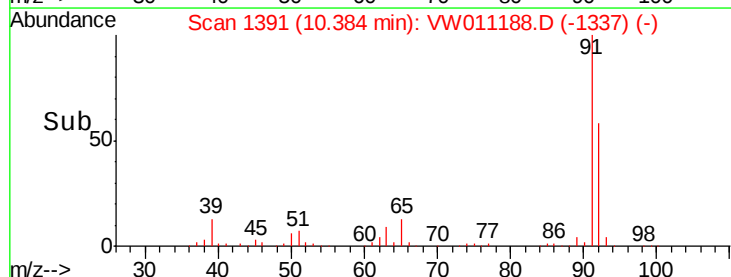
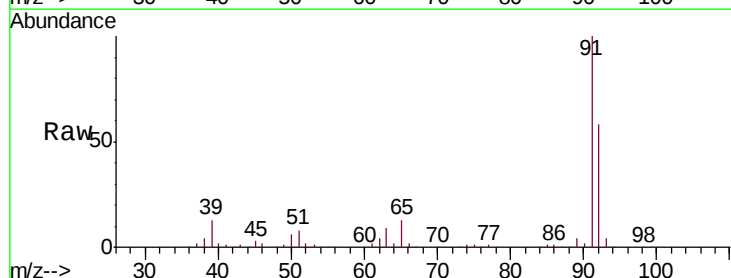
Acq: 10 Jul 2019 11:43

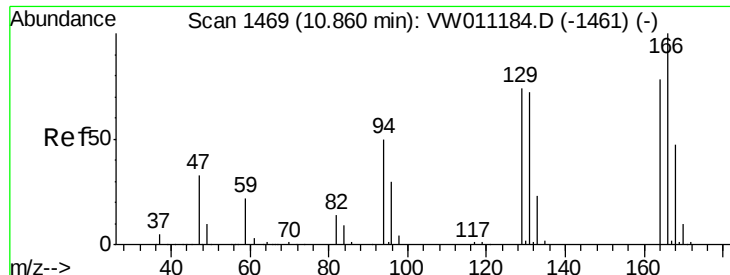
Tgt Ion: 91 Resp: 434664

Ion Ratio Lower Upper

91 100

92 58.2 40.8 75.8





#47

Tetrachloroethene

Concen: 45.023 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW011188.D

Acq: 10 Jul 2019 11:43

Instrument :

MSVOA_W

ClientSampleId :

DB8T1MS

Tgt Ion:164 Resp: 133479

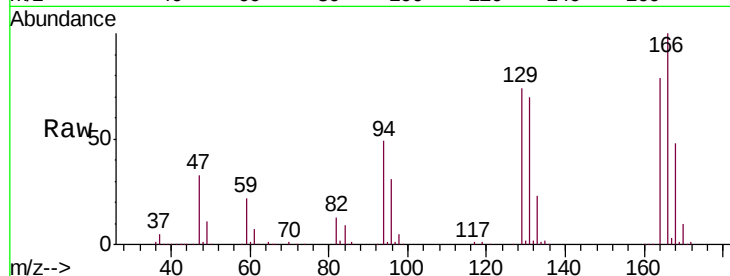
Ion Ratio Lower Upper

164 100

129 93.5 68.5 127.1

131 88.3 64.8 120.4

166 126.9 87.9 163.3

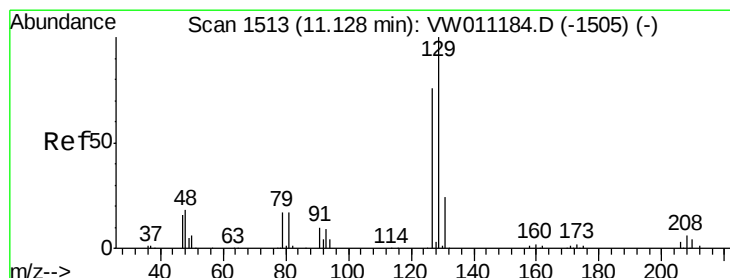
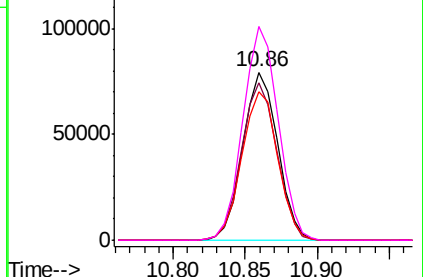
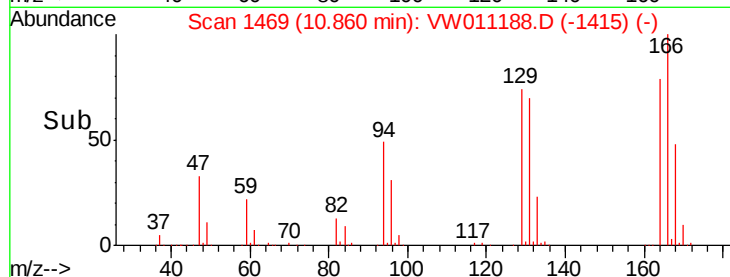


Abundance Ion 164.00 (163.70 to 164.70): V

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: 40.598 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW011188.D

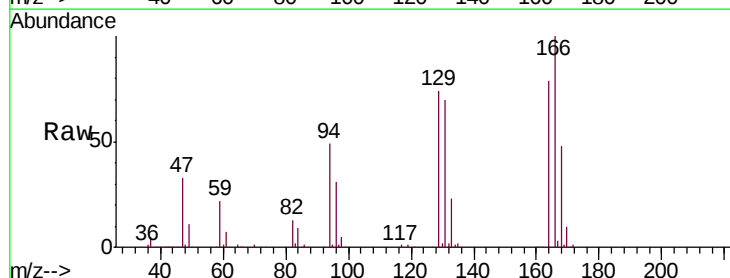
Acq: 10 Jul 2019 11:43

Tgt Ion:129 Resp: 127525

Ion Ratio Lower Upper

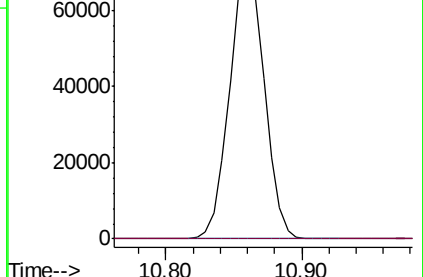
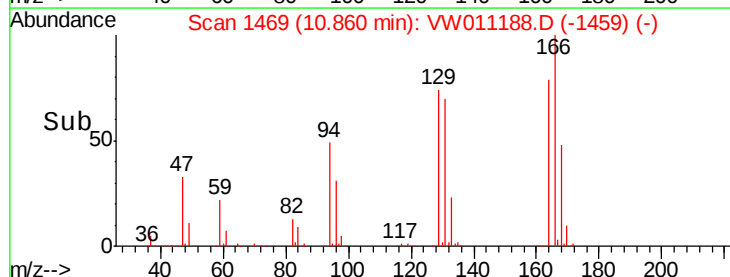
129 100

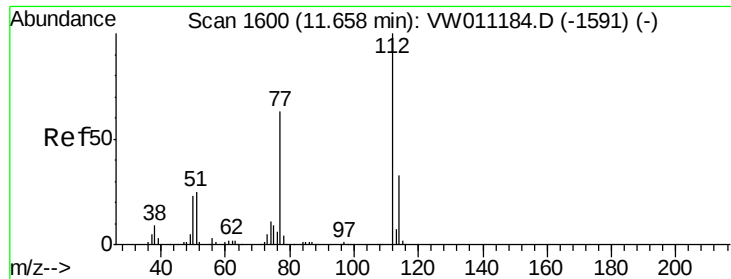
127 0.0 53.3 99.1#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#52

Chlorobenzene

Concen: 26.650 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW011188.D

Acq: 10 Jul 2019 11:43

Instrument :

MSVOA_W

ClientSampleId :

DB8T1MS

Tgt Ion:112 Resp: 261970

Ion Ratio Lower Upper

112 100

77 65.2 51.2 76.8

114 32.7 22.0 40.8

