

Data File : VW006886.D
Acq On : 15 Nov 2018 00:18
Operator : SY/AP
Sample : J5944-04
Misc : 6.34G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETHS3

Quant Time: Nov 15 03:42:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 15 03:38:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	182894	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	174290	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	76234	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	34205	21.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.24%
7) Chloroethane-d5	2.89	69	26310	22.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.20%
10) 1,1-Dichloroethene-d2	4.02	63	65916	15.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.80%
20) 2-Butanone-d5	7.09	46	31460	35.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.32%
24) Chloroform-d	7.65	84	85542	21.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.52%
26) 1,2-Dichloroethane-d4	8.31	65	53330	23.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.36%
29) Benzene-d6	8.28	84	186346	20.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.80%
33) 1,2-Dichloropropane-d6	9.27	67	58831	21.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.36%
37) Toluene-d8	10.33	98	188626	20.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.84%
38) trans-1,3-Dichloropropene-	10.58	79	24166	20.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.68%
39) 2-Hexanone-d5	10.93	63	25077	36.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	48479	20.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	61297	21.23	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.92%

Target Compounds

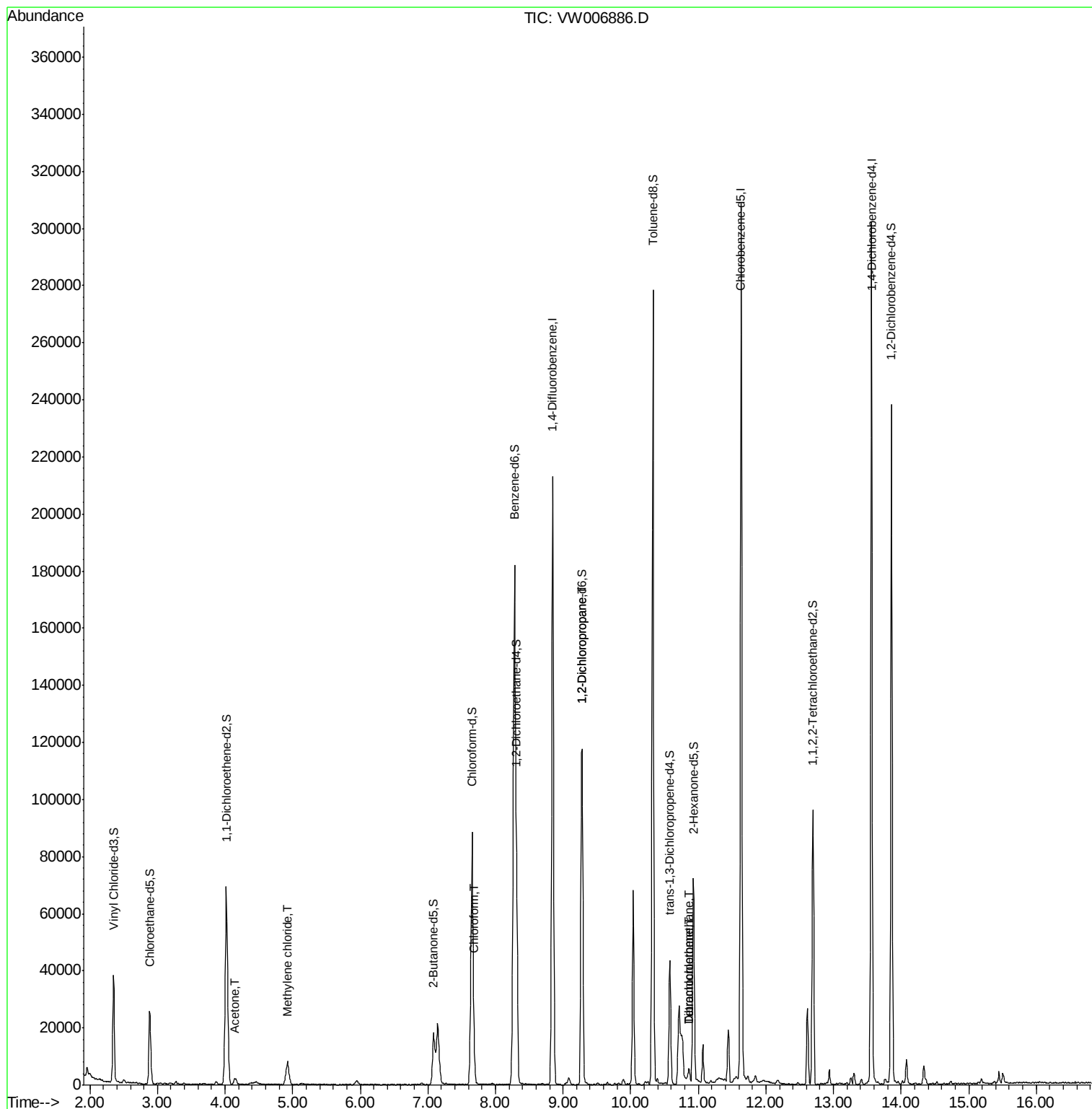
					Qvalue
13) Acetone	4.14	43	3306	5.735 ug/L	46
16) Methylene chloride	4.92	84	6409	2.004 ug/L	96
25) Chloroform	7.68	83	5796	1.287 ug/L	83
40) 1,2-Dichloropropane	9.28	63	6621	2.757 ug/L #	88
47) Tetrachloroethene	10.86	164	880	0.434 ug/L	87
50) Dibromochloromethane	10.87	129	892	0.450 ug/L #	10

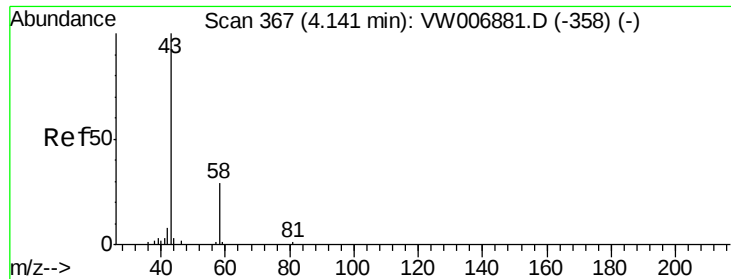
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.735 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW006886.D

Acq: 15 Nov 2018 00:18

Instrument :

MSVOA_W

ClientSampled :

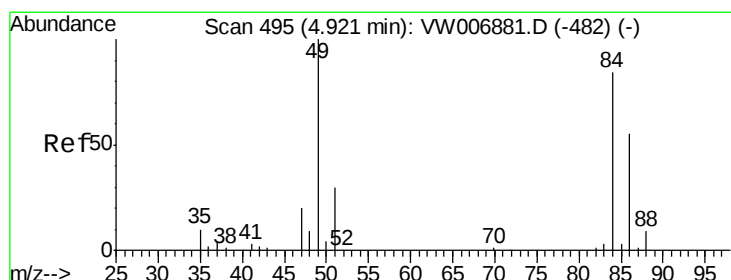
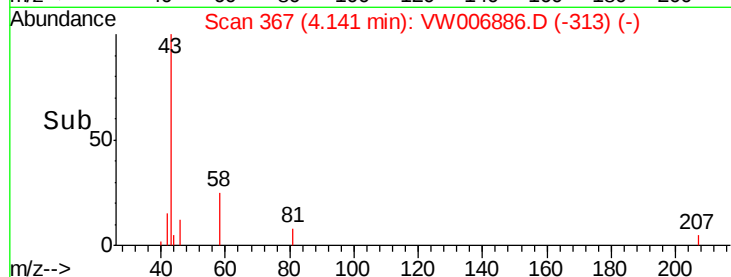
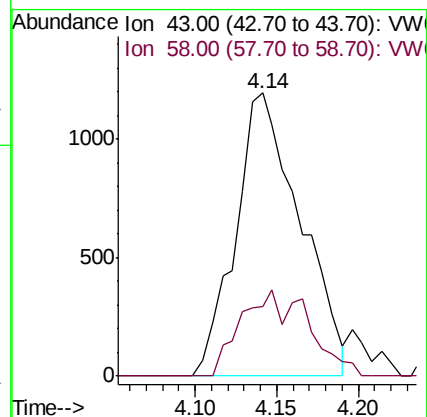
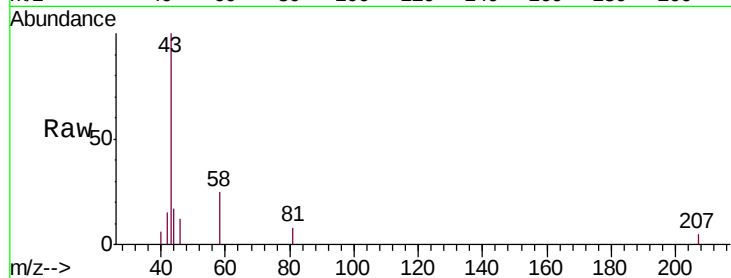
ETHS3

Tgt Ion: 43 Resp: 3306

Ion Ratio Lower Upper

43 100

58 2.6 0.0 65.6



#16

Methylene chloride

Concen: 2.004 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

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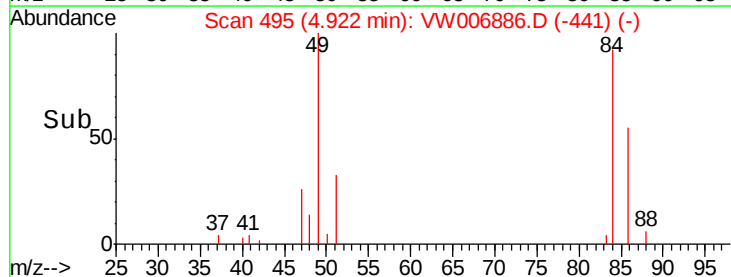
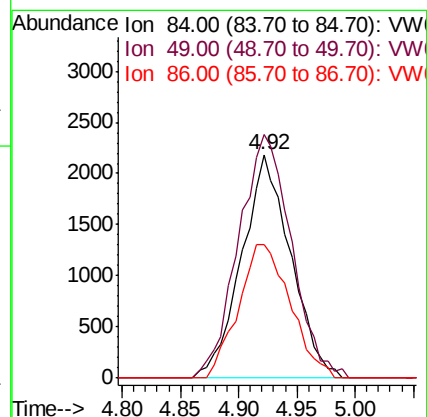
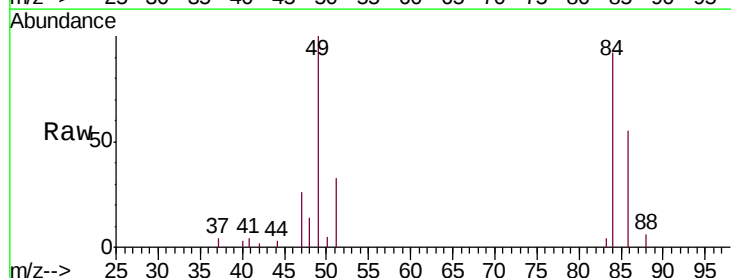
Tgt Ion: 84 Resp: 6409

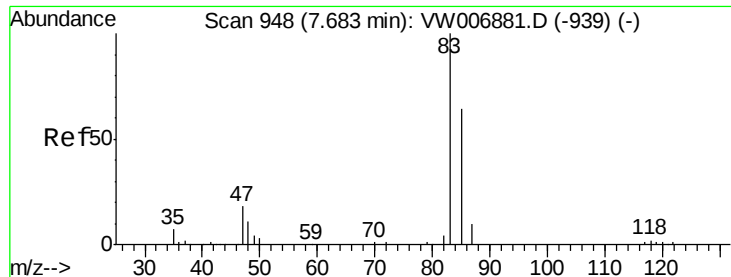
Ion Ratio Lower Upper

84 100

49 108.8 79.3 147.3

86 59.5 43.5 80.9

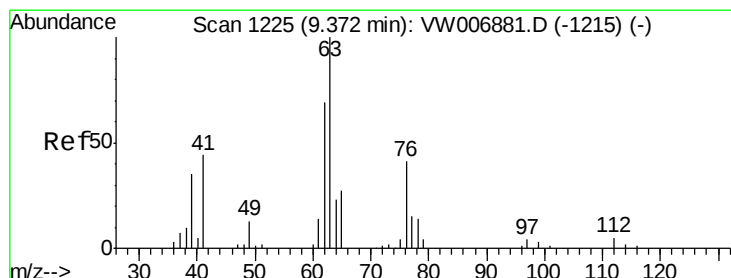
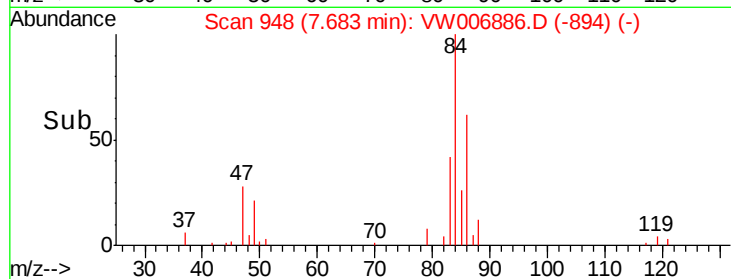
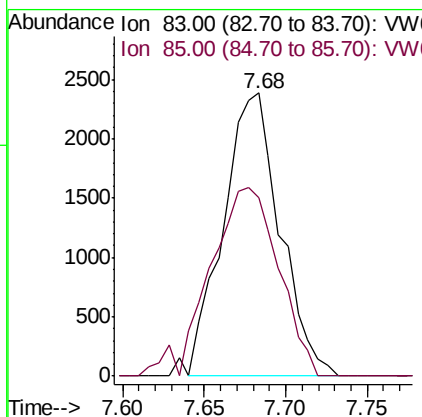
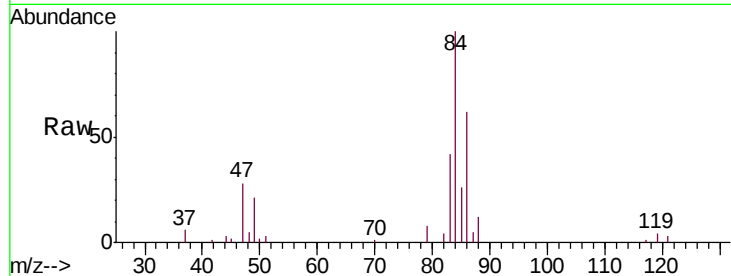




#25
Chloroform
Concen: 1.287 ug/L
RT: 7.68 min Scan# 948
Delta R.T. 0.00 min
Lab File: VW006886.D
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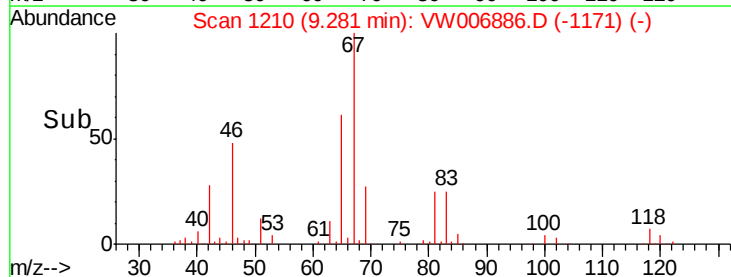
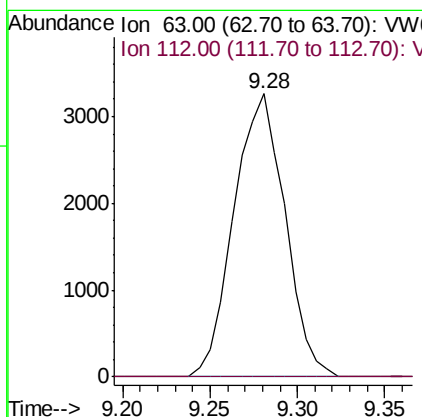
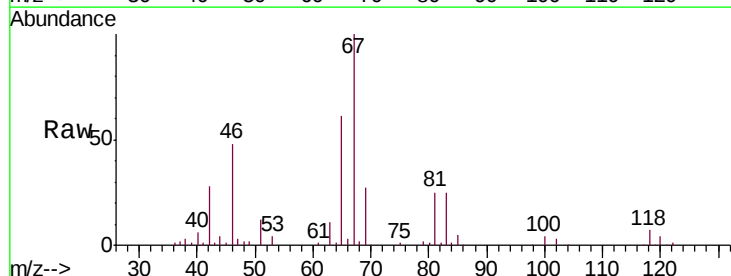
Instrument :
MSVOA_W
ClientSampled :
ETHS3

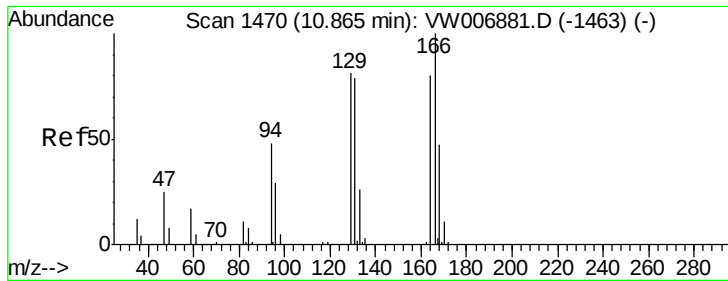
Tgt Ion: 83 Resp: 5796
Ion Ratio Lower Upper
83 100
85 78.0 45.4 84.2



#40
1,2-Dichloropropane
Concen: 2.757 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW006886.D
Acq: 15 Nov 2018 00:18

Tgt Ion: 63 Resp: 6621
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#





#47

Tetrachloroethene

Concen: 0.434 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VW006886.D

Acq: 15 Nov 2018 00:18

Instrument :

MSVOA_W

ClientSampled :

ETHS3

Tgt Ion:164 Resp: 880

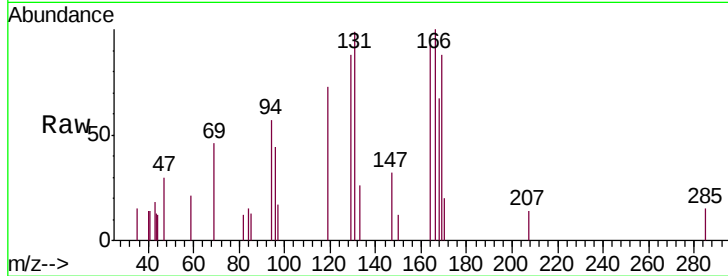
Ion Ratio Lower Upper

164 100

129 94.2 75.0 139.2

131 106.6 72.5 134.7

166 107.6 93.7 174.1

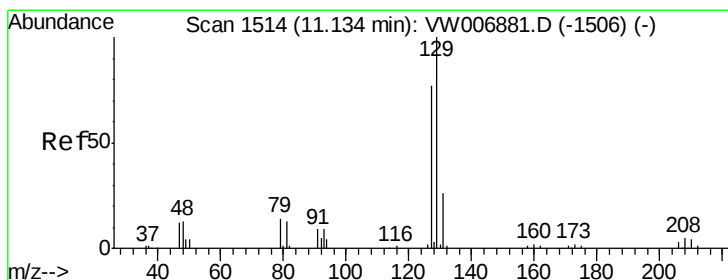
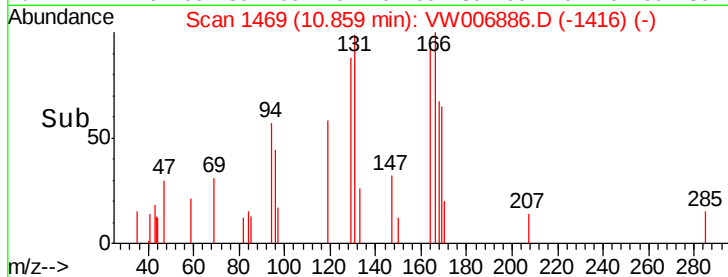
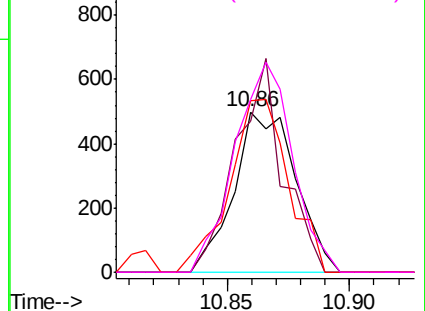


Abundance Ion 164.00 (163.70 to 164.70): V

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: 0.450 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.27 min

Lab File: VW006886.D

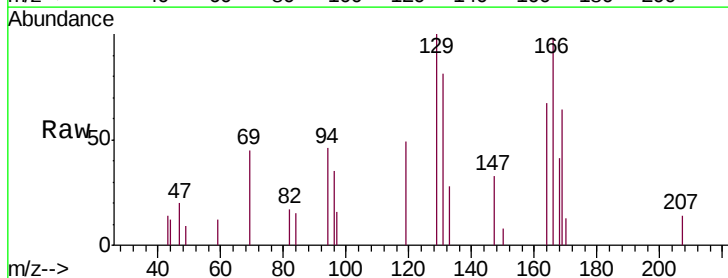
Acq: 15 Nov 2018 00:18

Tgt Ion:129 Resp: 892

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

