

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032119\
 Data File : VW009326.D
 Acq On : 21 Mar 2019 14:58
 Operator : SY/VA
 Sample : K2017-02
 Misc : 7.02G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 22 09:43:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 09:38:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	415593	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	395156	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	185873	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	128066	25.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.16%
7) Chloroethane-d5	2.89	69	119754	20.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.44%
10) 1,1-Dichloroethene-d2	4.01	63	194427	18.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.44%
20) 2-Butanone-d5	7.07	46	79075	38.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.00%
24) Chloroform-d	7.64	84	273524	24.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.48%
26) 1,2-Dichloroethane-d4	8.31	65	159712	23.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.52%
29) Benzene-d6	8.27	84	513627	23.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.28%
33) 1,2-Dichloropropane-d6	9.27	67	159144	24.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.24%
37) Toluene-d8	10.32	98	460747	22.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.48%
38) trans-1,3-Dichloropropene-	10.58	79	68696	20.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.60%
39) 2-Hexanone-d5	10.93	63	57751	36.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	135602	21.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	178508	25.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.20%

Target Compounds

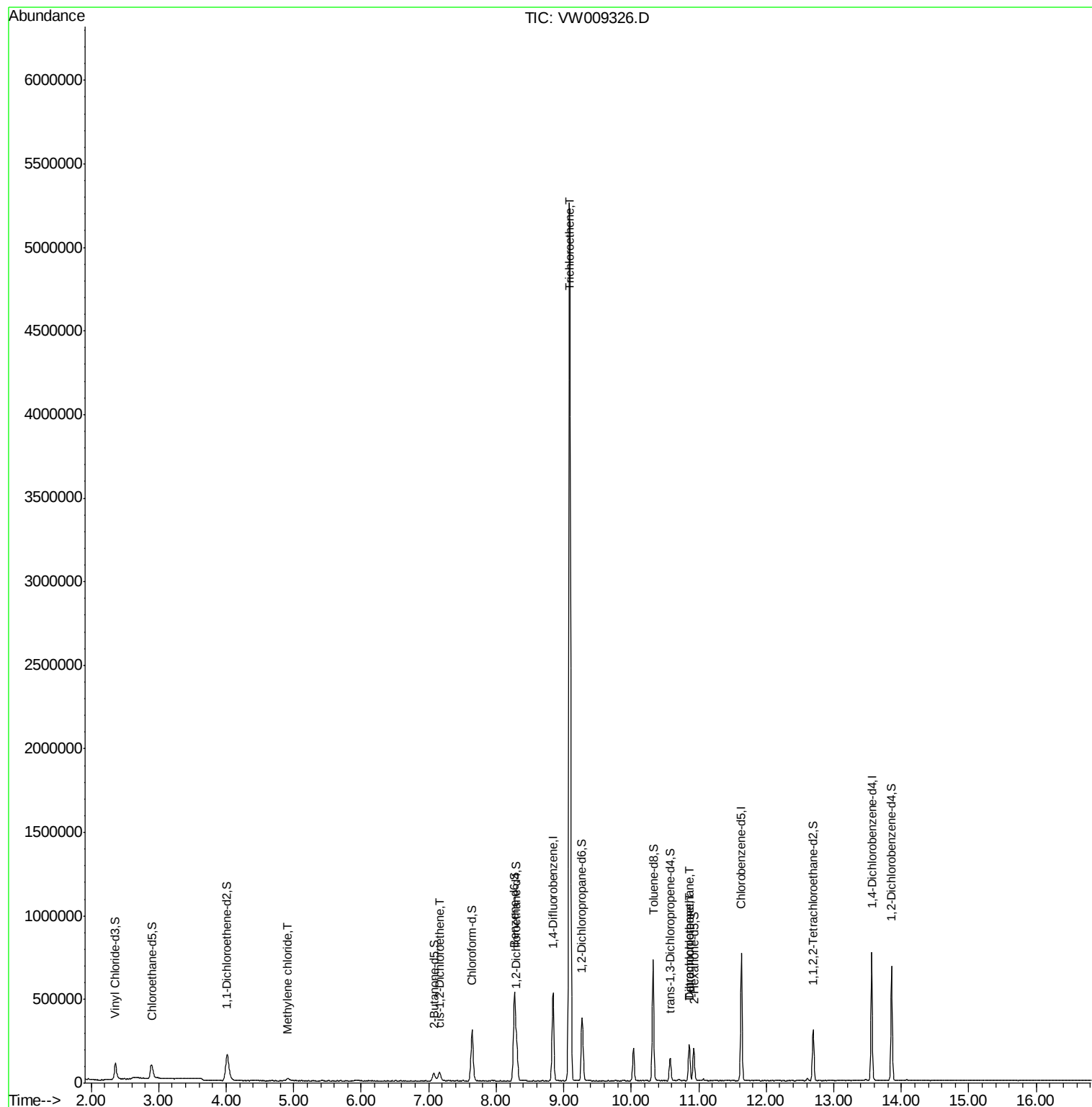
					Ovalue
16) Methylene chloride	4.91	84	10077	1.663 ug/L	83
22) cis-1,2-Dichloroethene	7.16	96	22446	3.851 ug/L	92
35) Trichloroethene	9.09	95	1646592	285.708 ug/L	99
47) Tetrachloroethene	10.86	164	45507	9.345 ug/L	98
50) Dibromochloromethane	10.86	129	43587	7.974 ug/L #	9

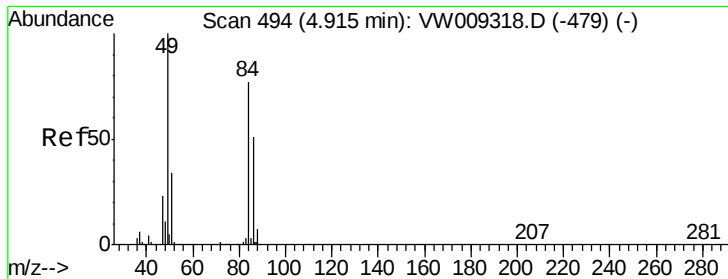
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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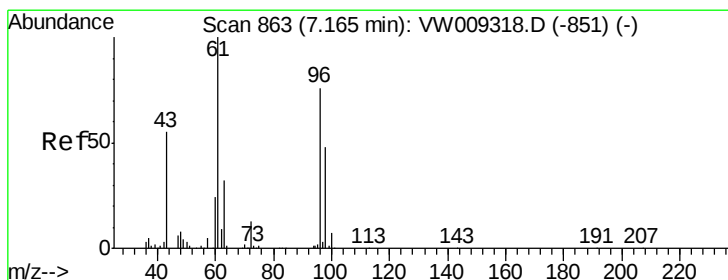
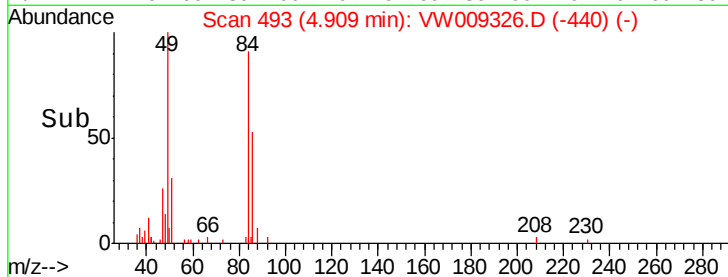
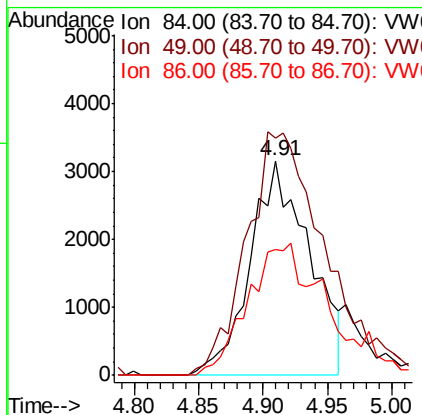
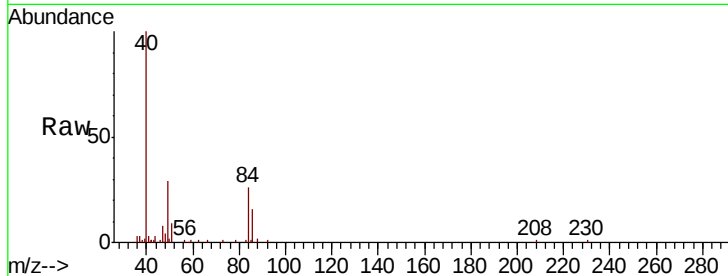




#16
Methvlene chloride
Concen: 1.663 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009326.D
Acq: 21 Mar 2019 14:58

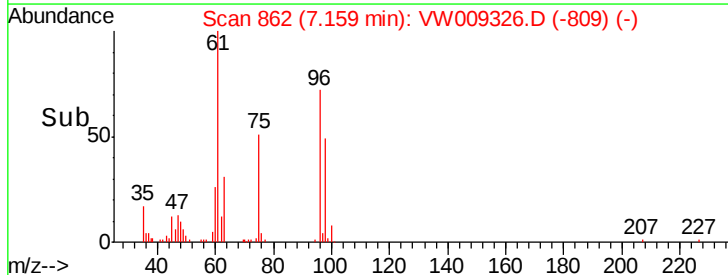
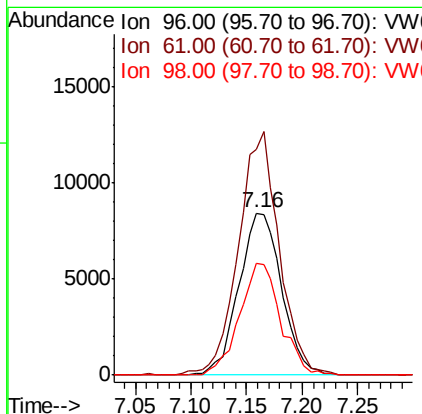
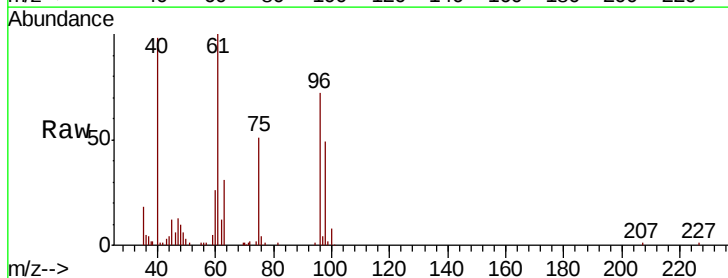
Instrument :
MSVOA_W
ClientSampleId :

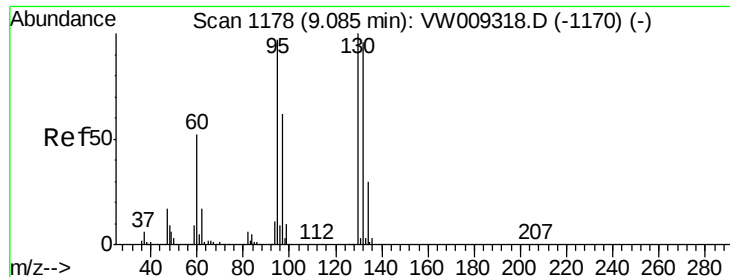
Tot Ion: 84 Resp: 10077
Ion Ratio Lower Upper
84 100
49 110.3 96.0 178.2
86 58.9 44.4 82.5



#22
cis-1,2-Dichloroethene
Concen: 3.851 ug/L
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW009326.D
Acq: 21 Mar 2019 14:58

Tgt Ion: 96 Resp: 22446
Ion Ratio Lower Upper
96 100
61 139.2 90.6 168.3
98 68.8 44.0 81.8





#35

Trichloroethene

Concen: 285.708 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VW009326.D

Acq: 21 Mar 2019 14:58

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 95 Resp: 1646592

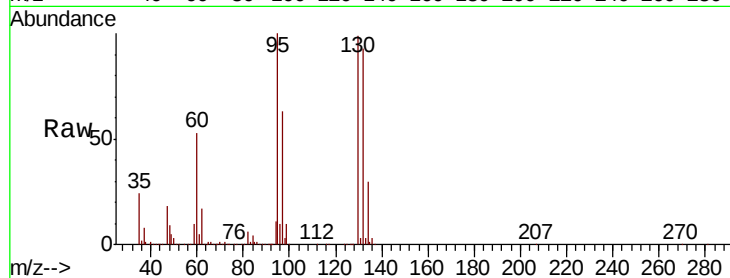
Ion Ratio Lower Upper

95 100

97 64.3 44.7 82.9

132 97.7 69.0 128.2

130 102.2 72.7 134.9

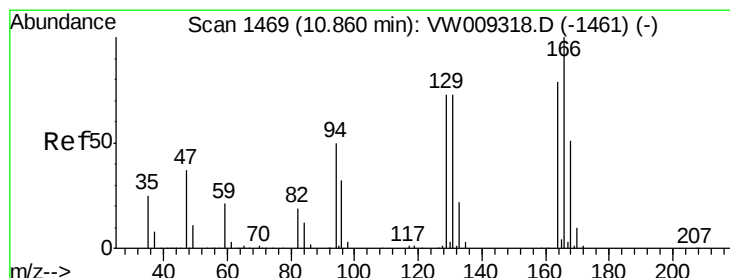
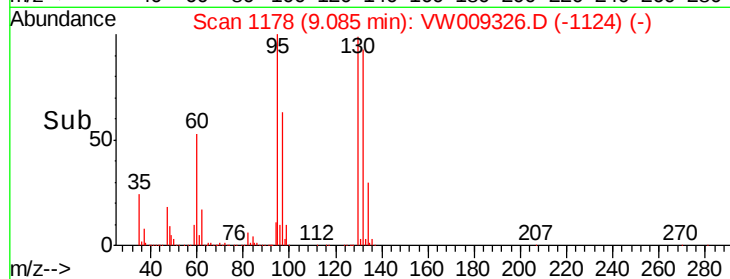
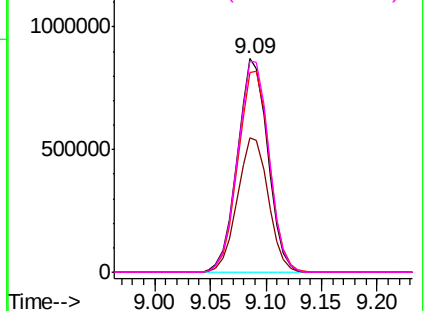


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#47

Tetrachloroethene

Concen: 9.345 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009326.D

Acq: 21 Mar 2019 14:58

Tgt Ion:164 Resp: 45507

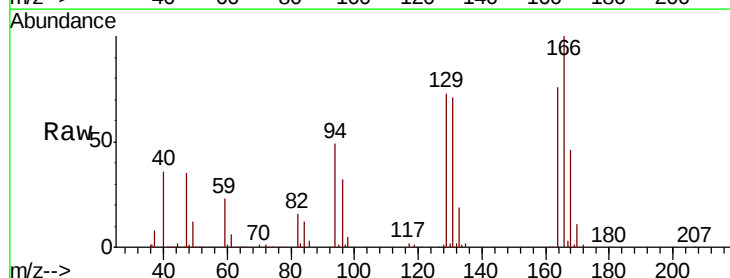
Ion Ratio Lower Upper

164 100

129 96.1 66.5 123.5

131 93.3 62.6 116.3

166 131.8 91.6 170.0

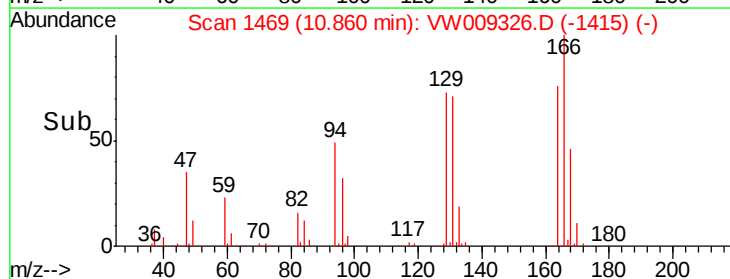
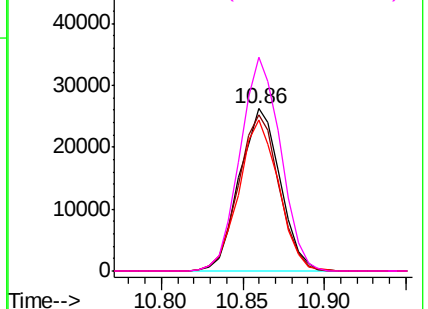


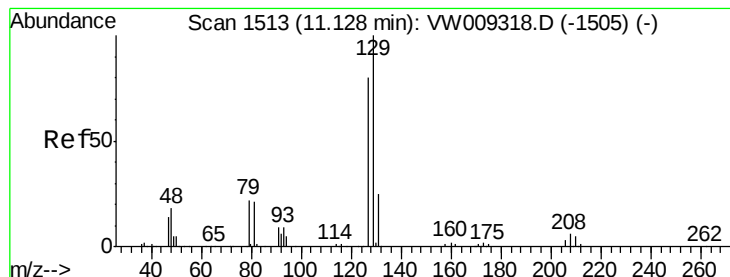
Abundance Ion 164.00 (163.70 to 164.70): V

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: 7.974 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW009326.D

Acq: 21 Mar 2019 14:58

Instrument :

MSVOA_W

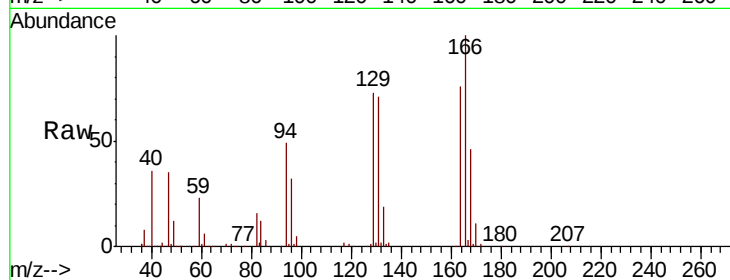
ClientSampleId :

Tot Ion:129 Resp: 43587

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

