

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082020\
 Data File : VW016267.D
 Acq On : 20 Aug 2020 15:20
 Operator : SY/VA
 Sample : L3767-12
 Misc : 5.47G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 21 03:30:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 21 03:27:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	425112	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	397607	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	166290	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	67765	12.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.44%
7) Chloroethane-d5	2.89	69	57057	14.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.04%
10) 1,1-Dichloroethene-d2	4.01	63	117771	10.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	42.08%#
20) 2-Butanone-d5	7.07	46	43905	31.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.32%
24) Chloroform-d	7.65	84	192506	16.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	67.48%
26) 1,2-Dichloroethane-d4	8.31	65	98446	16.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	65.00%#
29) Benzene-d6	8.27	84	367320	16.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	67.92%
33) 1,2-Dichloropropane-d6	9.27	67	110571	17.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	69.52%#
37) Toluene-d8	10.33	98	328921	16.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.32%
38) trans-1,3-Dichloropropene-	10.58	79	45584	15.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	63.80%
39) 2-Hexanone-d5	10.93	63	37165	33.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	93356	18.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	121364	20.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.36%

Target Compounds

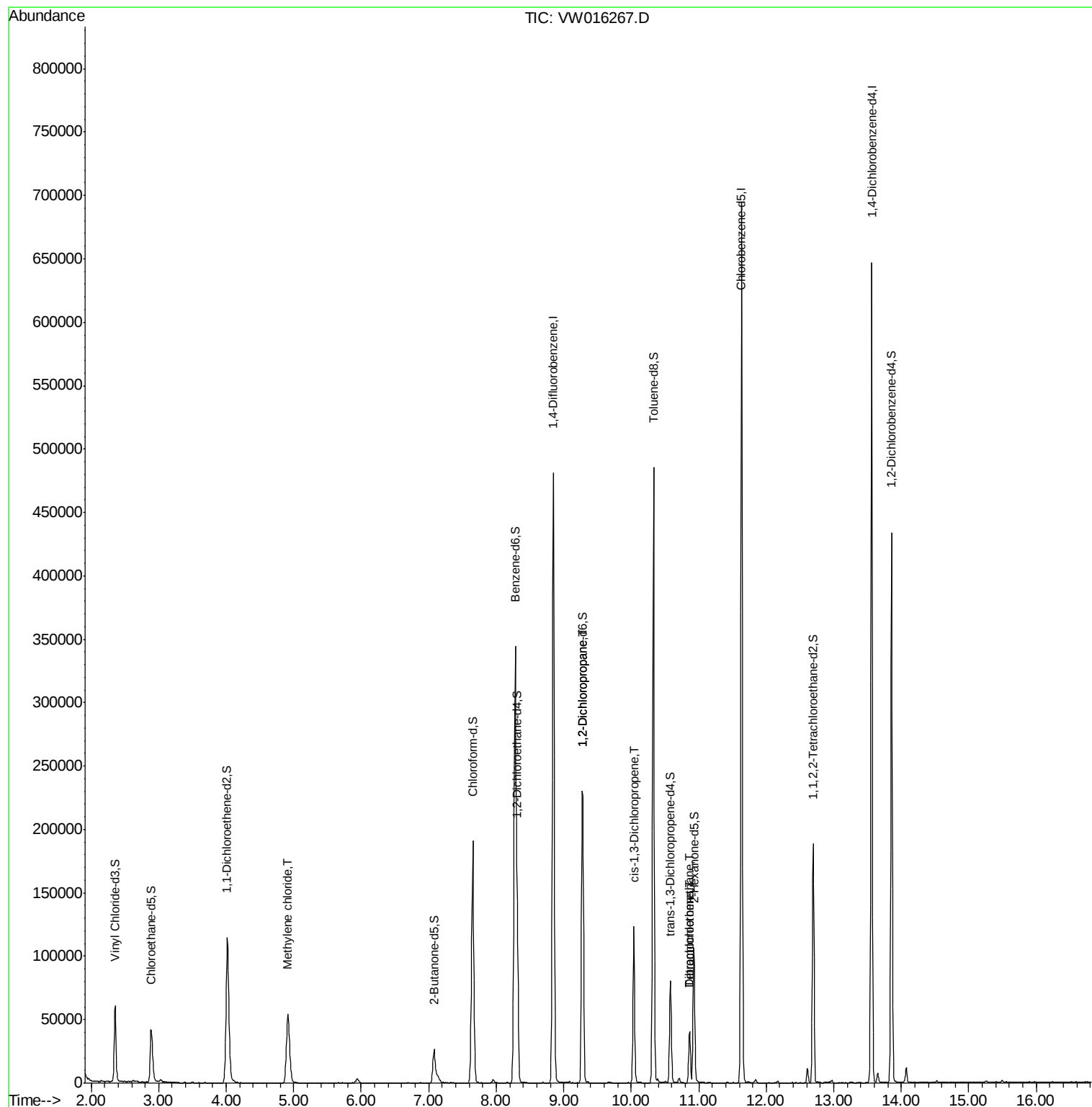
					Ovalue
16) Methylene chloride	4.91	84	47977	7.147 ug/L	93
40) 1,2-Dichloropropane	9.27	63	12618	2.241 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	3250	0.379 ug/L #	82
47) Tetrachloroethene	10.87	164	9355	2.024 ug/L	97
50) Dibromochloromethane	10.87	129	9456	1.811 ug/L #	10

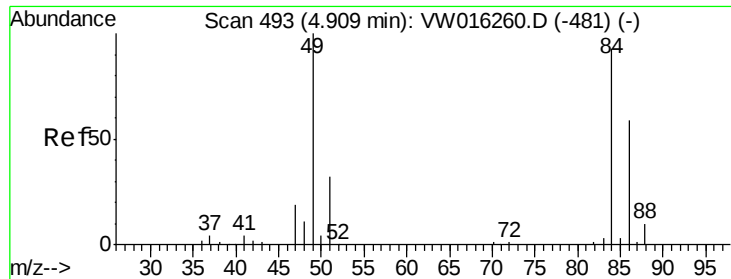
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Aug 21 03:27:50 2020
Response via : Initial Calibration

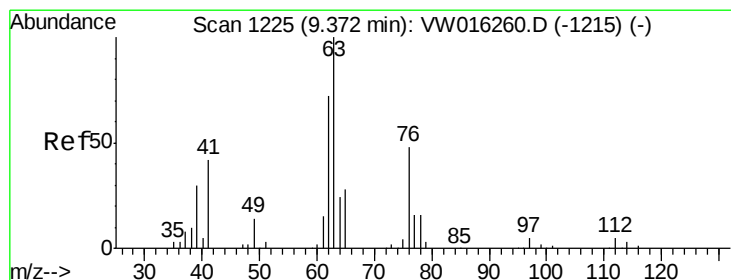
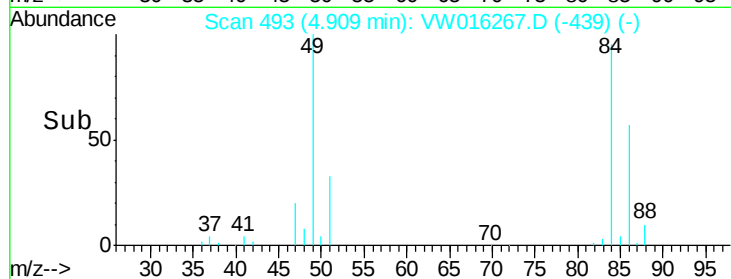
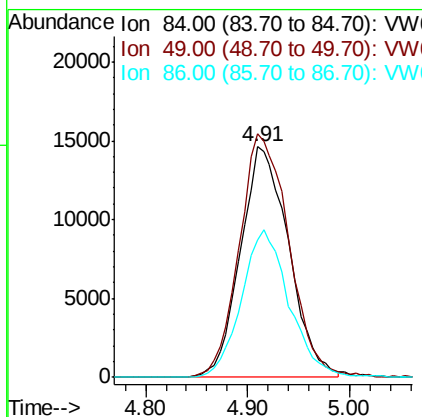
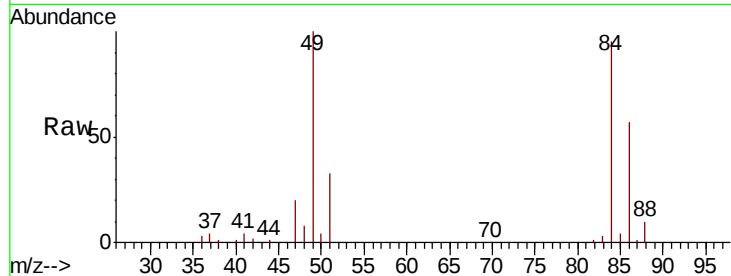




#16
Methylene chloride
Concen: 7.147 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW016267.D
Acq: 20 Aug 2020 15:20

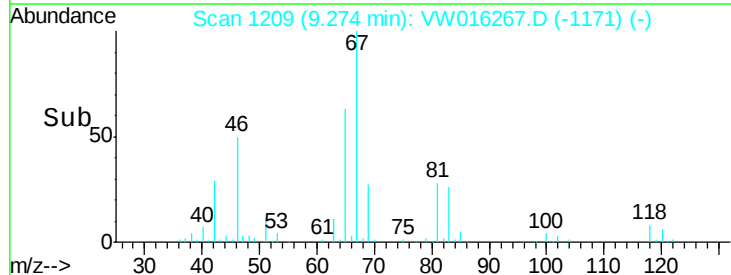
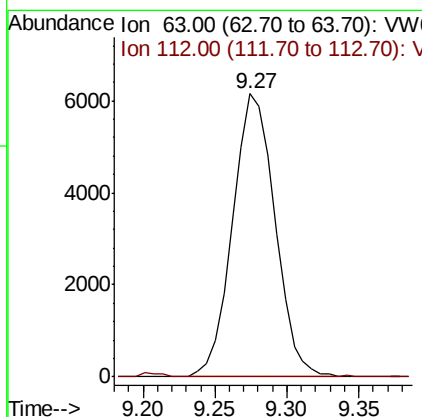
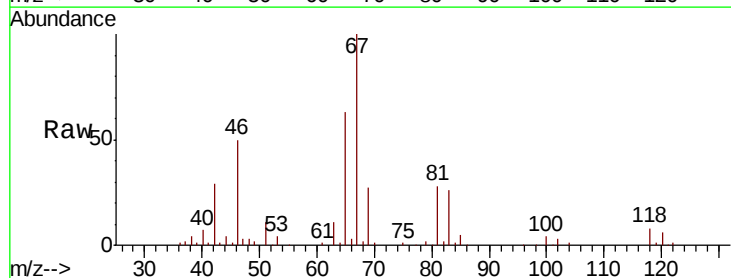
Instrument :
MSVOA_W
ClientSampled :

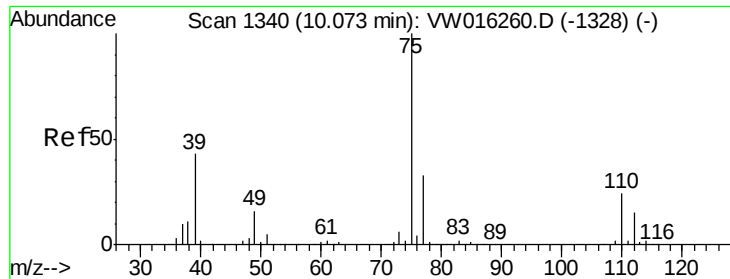
Tot Ion: 84 Resp: 47977
Ion Ratio Lower Upper
84 100
49 105.6 80.4 149.4
86 59.9 43.8 81.3



#40
1,2-Dichloropropane
Concen: 2.241 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW016267.D
Acq: 20 Aug 2020 15:20

Tgt Ion: 63 Resp: 12618
Ion Ratio Lower Upper
63 100
112 0.7 4.0 6.0#





#42

cis-1,3-Dichloropropene

Concen: 0.379 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016267.D

Acq: 20 Aug 2020 15:20

Instrument :

MSVOA_W

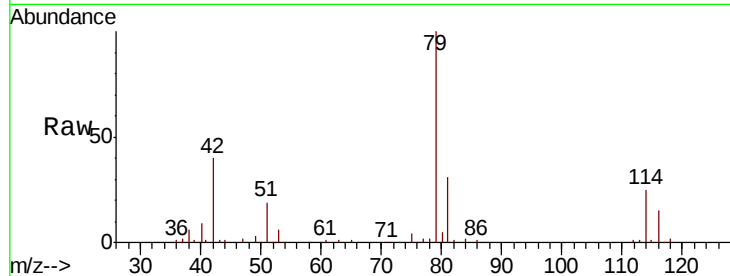
ClientSampleId :

Tot Ion: 75 Resp: 3250

Ion Ratio Lower Upper

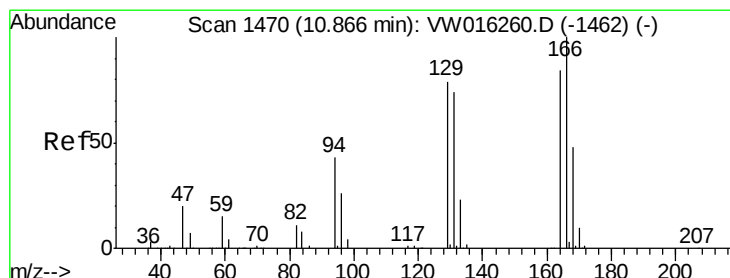
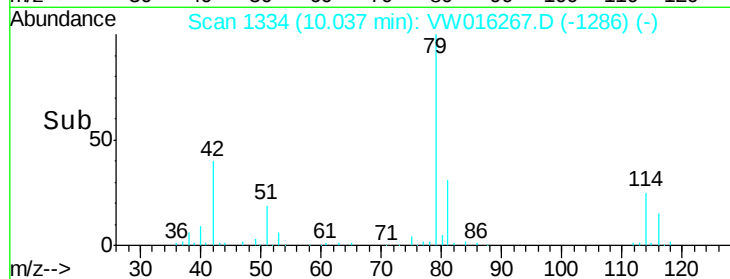
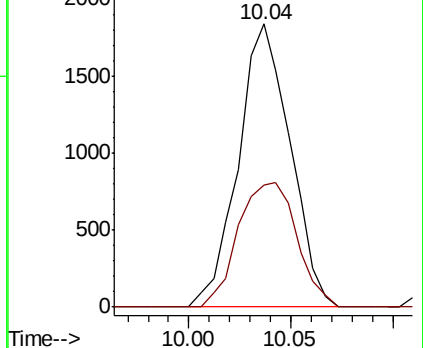
75 100

77 43.0 22.9 42.5#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#47

Tetrachloroethene

Concen: 2.024 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW016267.D

Acq: 20 Aug 2020 15:20

Tgt Ion:164 Resp: 9355

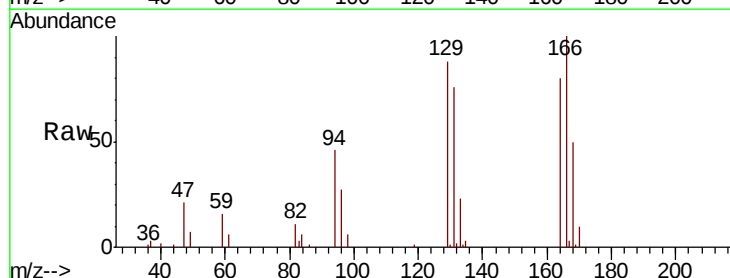
Ion Ratio Lower Upper

164 100

129 109.2 71.5 132.9

131 94.9 65.4 121.4

166 124.8 86.9 161.5

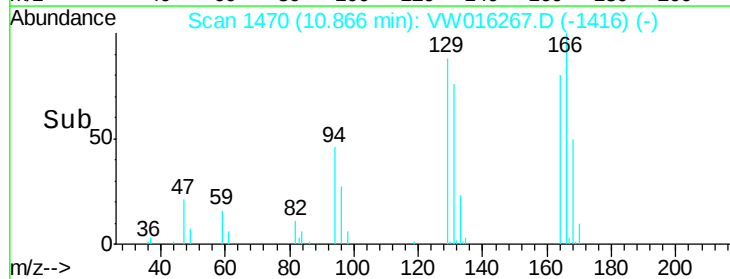
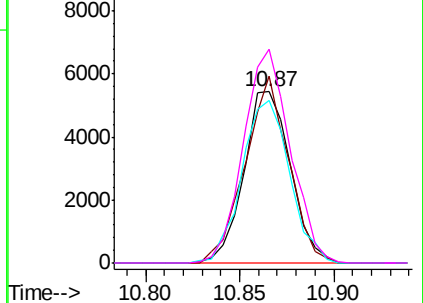


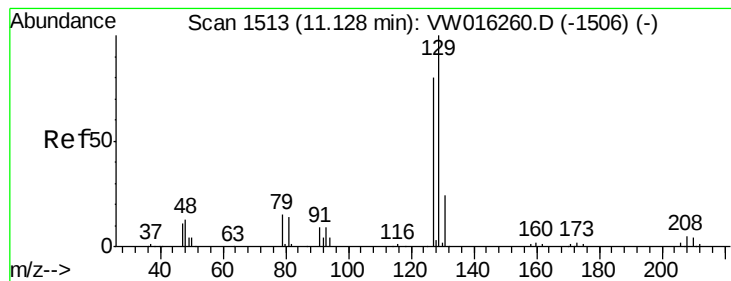
Abundance Ion 164.00 (163.70 to 164.70): V

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: 1.811 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW016267.D

Acq: 20 Aug 2020 15:20

Instrument :

MSVOA_W

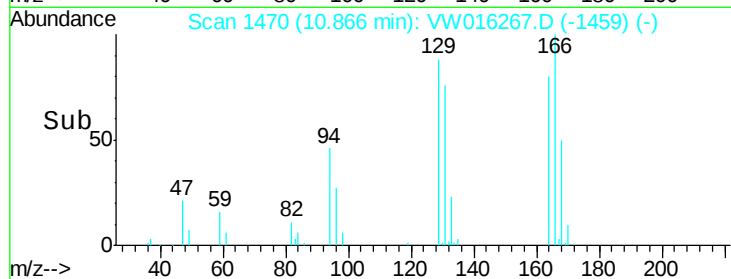
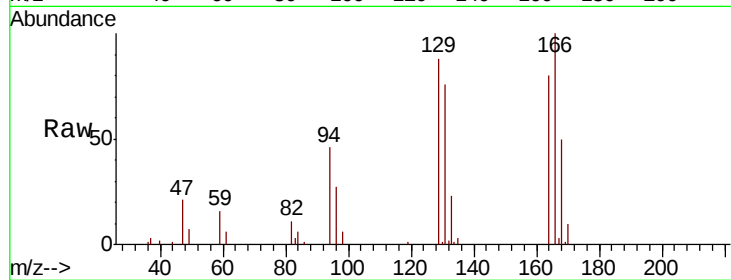
ClientSampleId :

Tot Ion:129 Resp: 9456

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

